

2010

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# ANDERSON SCHOOL OF MANAGEMENT

## ACCOUNTING

### **Bougen, Philip**

Bougen, P.D. (2010). The 'Becoming' Insurable of Terrorism Risk in the US: Imagining Systemic Risk. *Anthropological Research on the Contemporary-Studio (13)*, 1-3.

### **Brody, Rich**

Brody, R. and Kiehl, K. (2010). From White-Collar Crime to Red-Collar Crime. *Journal of Financial Crime, 17 (3)*, 351-364.

Brody, R. (2010). Beyond the Basic Background Check: Hiring the Right Employees. *Management Research News, 33 (3)*, 210-223.

### **Gary, Robert**

Gary, R. F. (2010, August). *The Impact of Accounting Rule and Economic Differences on the Firm's Choice of Cash and Share-Puts*. American Accounting Association, San Francisco, California.

### **Hansen, James**

Hansen, J. (2010). The Effect of Alternative Goals on Earnings Management Studies: An Earnings Benchmark Examination. *Journal of Accounting and Public Policy, 29 (5)*, 459-480.

### **Tepper, Robert**

Tepper, R. and White, C. (2010). Academic Early Retirement: Do Tenure Buyout Warrant Unique Employment Tax Treatment? *Oklahoma City University Law Review (35)*.

### **White, Craig**

White, C., Schatzberg, J., Ricketts, R., and Dowell, D. (2010). Implicit Taxes and Stock Market Capitalization of Unexpected Earnings for Dividend-Paying vs. Capital Gain Stocks. *Quarterly Journal of Finance and Accounting, 49 (1)*, 61-80.

Tepper, R. and White, C. (2010). Academic Early Retirement: Do Tenure Buyout Payments Warrant Unique Employment Tax Treatment. *Oklahoma City University Law Review (35)*, 35, 1.

### **Young, Joni**

Young, J. and Williams, P. (2010). Sorting and Comparing: Standard-setting and Ethical Categories. *Critical Perspectives on Accounting, 21*, 509-521.

## ORGANIZATIONAL STUDIES

### **Berman, Shawn**

Phillips, R.A., Berman, S.L., Elms, H., and Johnson-Cramer, M.E. (2010). Stakeholder Theory and Managerial Discretion. *Strategic Organization*, 8, 176-183.

Elms, H., Johnson-Cramer, M.E., and Berman, S.L. (2010). Bounding the World's Misery: Corporate Responsibility and Freeman's Stakeholder Theory, in *Celebrating Freeman's Strategic Management: A Stakeholder Approach*. Edward Elgar.

Phillips, R.A., Berman, S.L., Elms, H., and Johnson-Cramer, M.E. (2010). Stakeholder Orientation, Managerial Discretion, and Nexus Rents, in *Celebrating Freeman's Strategic Management: A Stakeholder Approach*. Edward Elgar.

Berman, S.L., Wicks, A.C., Kotha, S., and Jones, T.M. (2010). Does Stakeholder Orientation Matter? The Relationship Between Stakeholder Management Models and Firm Financial Performance, in Robert A. Phillips and R. Edward Freeman (Eds.) *Stakeholders*. Edward Elgar.

### **Cavazos, David**

Patterson, K., Washington, M., Cavazos, D., and Brigham, K. (2010). Process and Emergence in Contested Terrain. *International Journal of Organizational Analysis*, 18(1), 105-128.

Bedeian, A., Cavazos, D., Hunt, J., and Jauch, L. (2010). Doctoral Degree Prestige and the Academic Marketplace: A Study of Career Mobility within the Management Discipline. *Academy of Management Learning and Education Journal*.

Gallagher, S., Cavazos, D., Harper, S. (2010). Applying Games in Strategic Management. In Zemilasky P. Wilcox, D. (Eds). *Design and Implementation of Educational Games: Theoretic and Practical Perspectives*. IGI Global, pp. 226-234.

### **Cunliffe, Ann**

Cunliffe, A. L. (2010). Taking Risks and Daring to be Different: The Journey of Growing, A. Carlsen and J.E. Dutton (Eds.) *Generativity in Qualitative Research*. Copenhagen: Copenhagen Business School Press.

Cunliffe, A. L. (2010). Crafting Research: Morgan and Smircich 30 Years On. *Academy of Management Best Papers Proceedings*.

Cunliffe, A. L. (2010). Enhancing the scholarship of teaching and learning through publication: A conversation. *Proceedings of the Academy of Management - Professional Development Workshop*, Montreal, Canada.

Cunliffe, A. L. (2010). Daring to care: Learning, teaching and being reflexive in management education. *Proceedings of the Academy of Management - Professional Development Workshop*, Montreal, Canada.

Cunliffe, A. L. (2010). Exploring identity dynamics as critical for leadership development research and practice. *Proceedings of the Academy of Management Meeting*, Montreal, Canada.

Cunliffe, A. L. (2010). Crafting qualitative research: Morgan and Smircich 30 years on. *Proceedings of the Academy of Management Meeting*, Montreal, Canada.

Cunliffe, A. L. (2010). Subjectivism, objectivism and intersubjectivism as 'new' knowledge problematics. *Proceedings of Qualitative Research in Management Conference*, Albuquerque, New Mexico.

Cunliffe, A. (2010). Subjectivism, objectivism and intersubjectivism as 'new' knowledge problematics. *Proceedings of Qualitative Research in Management Conference*, Albuquerque, New Mexico.

### **DelCampo, Rob**

DelCampo, R. G., DelCampo, D. S., and DelCampo, R. L. (2010). Work, Family, and Personal Fulfillment Issues of Professional and Working Class Hispanic Women. *Hispanic MBA Magazine*.

Duran, L. and DelCampo, R. G. (2010). The Influence of Family Obligations on the Job Performance of Professional Hispanic Women. *The Business Journal of Hispanic Research*, 4 (4), 18-21.

DelCampo, R. G., Rogers, K. M., and Jacobson, K. L. (2010). Integrating Racioethnicity and Psychological Contract Fairness: Hispanic perceptions and process. *Journal of Managerial Issues*, 22 (2), 220-238.

DelCampo, R. G., Rogers, K. M., and Van Buren, H. J. (2010). A Mockumentary as a Mock-experience: Using 'The Office' to Solidify Understanding of Organizational Behavior Topics. *Journal of Organizational Behavior Education*, 3 (1), 25-40.

Blancero, D. M., DelCampo, R. G., and Marron, G. F. (2010). Just Tell Me! Fairness of Alternative Dispute Resolutions. *Industrial Relations*, 49 (4), 524-543.

### **Gondo, Maria**

Gondo, M. and Amis, J. (2010). Institutional Work as Elaboration: The Adoption of a Legitimate Practice. *Proceedings of International Conference on Institutions and Work*, Vancouver, Canada.

Vardaman, J., Amis, J., and Gondo, M. (2010). Institutional Change without Theorization: The Microfoundations of Transformation. European Group of Organization Studies (EGOS), Lisbon, Portugal.

### **Hood, Jacqueline**

Hood, J. N., Jacobson, K. J., Logsdon, J. M., and Van Buren III, H. J. (2010). Workplace bullying in the global context: A comparison of four cultures. *International Journal of Global Business and Economics*, 3 (1), 26-38.

Hood, J. N., Jacobson, K. J. L., Logsdon, J. M., and Van Buren, H. J. (2010). Workplace Bullying in the Global Context: A Comparison of Four Cultures. *Proceedings of the Global Business Development Institute*, pp. 84-96.

**Jacobson, Katherine**

Hood, J. N., Jacobson, K. J. L., Logsdon, J. M., and Van Buren III, H. J. (2010). Workplace bullying in the global context: A comparison of four cultures. *International Journal of Global Business and Economics*, 3 (1), 26-38.

Del Campo, R. G., Roger, K. M., and Jacobson, K. J. L. (2010) Psychological contract breach, perceived discrimination, and ethnic identification in Hispanic Business Professionals. *Journal of Managerial Issues*, 12(2), 220-238.

**Logsdon, Jeanne**

Hood, J. N., Jacobson, K. J., Logsdon, J. M., and Van Buren III, H. J. (2010). Workplace bullying in the global context: A Comparison of Four Cultures. *International Journal of Global Business and Economics*, 3 (1), 26-38.

Logsdon, J. M. and Bundy, J. N. (2010). Good Business Is Good Business: Southwest Creations Collaborative, Case A and B, and Instructor's Manual. *Case Research Journal*, 30 (4).

Hood, J. N., Jacobson, K. J., Logsdon, J. M., and Van Buren III, H. J. (2010). *Workplace Bullying in the Global Context: A Comparison of Four Cultures*. Global Business Development Institute.

Logsdon, J. (2010). Emerging Ethical Challenges in Microfinance: Can It Retain Humanistic Values? *Proceedings of the International Symposium on Ethics, Business and Society*, Barcelona, Spain.

Rehbein, K. and Logsdon, J. M. (2010). Strategies by Social Activist and Corporations in the Shareholder Resolution Process. *Proceedings of the Symposium: Owners, and Shareholder Heterogeneity: Conflicts of Interest and Ways Toward Reconciliation*, Montreal, Canada.

**Patterson, Karen**

Patterson, K. D., Cavazos, D. E., Washington, M., and Brigham, K. (2010). Process and Emergence in Contested Terrain. *International Journal of Organizational Analysis*, 18 (1), 105-128.

Block, E. S., Jo-Ellen, P., and Patterson, K. D. (2010, July). Creative positioning: Field influences on creative propensities in television, 1944-2009. *European Group of Organization Studies (EGOS)*, Lisbon, Portugal.

Washington, M. and Patterson, K. D. (2010, July). Logics and practices: Practice changes resulting from the megachurch movement. *European Group of Organization Studies (EGOS)*, Lisbon, Portugal.

Washington, M. and Patterson, K. D. (2010, June). Agents and Institutions: Changes in work inputs and outcomes resulting from the megachurch movement. *Proceedings of the International Conference on Institutions and Work*, Vancouver, Canada.

Patterson, K. D. and Washington, M. (2010, November). Creation and Evolution: The contested inclusion of chiropractic in the medical field. *INFORMS*, Austin, Texas.

### **Taylor, Scott**

Taylor, S. N. and Bright, D. S. (2010). Exploring Conditions for Openness in Multisources Feedback Assessment. *Academy of Management Best Papers Proceedings*, Montreal, Canada.

### **Van Buren III, Harry**

Greenwood, M. and Van Buren III, H. J. (2010). Trust and Stakeholder Theory: Trustworthiness in the Organization-Stakeholder Relationship. *Journal of Business Ethics* (95), 425-438.

Hood, J. N., Jacobson, K. J. L., Logsdon, J. M., and Van Buren III, H. J. (2010). Workplace Bullying in the Global Context: A Comparison of Four Cultures. *International Journal of Global Business and Economics* (3), 26-38.

Rogers, K., DelCampo, R. G., and Van Buren III, H. J. (2010). A Documentary as a Mock-Experience: Using The Office to Solidify Understanding of Organizational Behavior Topics. *Journal of Organizational Behavior Education* (3), 25-40.

Van Buren III, H. J. 2010. Taking (and sharing) power: How boards of directors can bring about greater fairness for dependent stakeholders. *Business & Society Review*, 115: 205-230.

Van Buren III, H. J. (2010). Extractive Industries: Labor, ' and 'Racism and Discrimination, *Encyclopedia of American Environmental History*. Facts on File, Inc.

Hood, J. N., Jacobson, K. J., Logsdon, J. M., and Van Buren III, H. J. (2010). *Workplace Bullying in the Global Context: A Comparison of Four Cultures*. Global Business Development Institute.

Brammer, S., Rehbein, K., Logsdon, J. M., and Van Buren III, H. J. (2010). Dynamism in Stakeholder Management: The Case of Shareholder Activism. *Proceedings of International Association for Business and Society*, Banff, Alberta, Canada.

Grosvold, J. and Van Buren III, H. J. (2010). The Uses and Abuses of Institutional Theory. *Proceedings of International Association of Business and Society, Banff, Alberta, Canada*.

Rehbein, K., Brammer, S., Logsdon, J. M., and Van Buren III, H. J. (2010). How Do Corporate Nonmarket Strategies Shape Corporate Responses to Shareholder Activists? *Proceedings of International Association for Business and Society, Banff, Alberta, Canada*.

Van Buren III, H. J. (2010). The Problem of Unitarism within Human Resource Management. *European Network for Business Ethics*, London, United Kingdom.

Van Buren III, H. J., Di Gregorio, D., Berman, S. L., and Logsdon, J. M. (2010). When Does MNC Involvement Reduce Poverty in Developing Countries? *Proceedings of International Association for Business and Society, Banff, Alberta, Canada*.

Van Buren III, H. J. and Greenwood, M. (2010). Whose Goals are They, Anyway? Employee Voice and the Ethical Problems Posed by Unitarism. *Proceedings of the Association of Industrial Relations Academics of Australia and New Zealand*, Auckland, New Zealand.

## FINANCE, INTERNATIONAL, TECHNOLOGY MANAGEMENT, AND ENTREPRENEURSHIP

### **Boni, Leslie**

Boni, Leslie. (2010). Grading Broker Algos. *Proceedings of the Trade Tech Conference*, San Francisco, CA..

### **Chen, Hsuan-Chi**

Chen, H., Fok, R., and Kang, S. (2010). Issuers' Incentive and Tests of Baron's Model of IPO Underpricing. *Review of Quantitative Finance and Accounting*, 35 (1), 71-87.

Chen, H., Ho, K., Hsiao, Y., and Wu, C. (2010). The Diversification Effects of Initial Public Offerings. *Journal of Business Finance & Accounting*, 37 (1&2), 171-205.

Chen, H. and Guo, W. (2010). Divergence of Opinion and Initial Public Offerings. *Review of Quantitative Finance and Accounting*, 34 (1), 59-79.

Chen, H. and Lai, C. (2010). Reputation Stretching in Mutual Funds Starts. *Journal of Banking and Finance*, 34 (1), 193-207.

Chen, H., Dai, N., and Schatzberg, J. (2010). The Choice of Equity Selling Mechanisms: PIPEs versus SEOs. *Journal of Corporate Finance*, 16 (1), 104-119.

### **Digregorio, Dante**

Digregorio, D. (2010). Creating Value for Others to Capture: Reconciling Social Entrepreneurship with Strategic Management. *Proceedings of the Strategic Management Society*, Rome, Italy.

### **Gouvea, Raul**

Gouvea, R. and Kassicieh, S. (2010). Building an Eco-Innovation Cluster: Water Cluster in the Brazilian Amazon Region. *International Journal of Social Ecology and Sustainable Development*, 1 (2), 27-30.

Gouvea, R. (2010). Designing Competitive Strategies in a Green Economy: Creating Green Quadruple Helixes Clusters. *Proceedings of the University of Friburg Conference Clusters as Drivers of Competitiveness*, Friburg, Switzerland.

Gouvea, R. (2010, March). Challenges and Opportunities Facing Indigenous Entrepreneurs. *Proceedings of FIBEA*, Manaus, Brazil.

**Kassicieh, Sul**

Kassicieh, S. (2010). The Knowledge Economy and Entrepreneurial Activities in Technology-Based Economic Development. *International Journal of Knowledge Economy*, 1 (1), 24-47.

Gouvea, R. and Kassicieh, S. (2010). Building an Eco-Innovation Cluster: Water Cluster in the Brazilian Amazon Region. *International Journal of Social Ecology and Sustainable Development*, 1 (2), 27-39.

Dottore, A. and Kassicieh, S. (2010). A Proposed Pilot Study Into the Attitudinal Situational and Personal Characteristics As Predictors of Future Entrepreneurs in Australian Public Research Organizations. *Regional Frontiers of Entrepreneurship Research 2010 (425)*, 433.

Kassicieh, S. (2010). A Mathematical Model for Economic Development Decisions. *Proceedings of International INFORMS*, Buenos Aires, Argentina.

Kassicieh, S. (2010). The Triple Helix in the Amazon Region. The Triple Helix Conference, Madrid, Spain.

Kassicieh, S. (2010). Information Technology: Interacting with Economic Development. *Proceedings of the Association for the Development of the Information Society*, Porto, Portugal.

Kassicieh, S. (2010). Innovation: Differences between Developed and Developing Economies. *Proceedings of Business Association of Latin American Studies*, Barcelona, Spain.

Kassicieh, S. (2010). Confident or Complacent? Satisfaction with Performance in Family Business. *Proceedings of the International Conference on Strategy and Organization*, Ghaziabad, India.

**Mahto, Raj**

Mahto, R. V., Davis, P. S., Pearce, J. A., and Robinson, R. B. 2010. Satisfaction with firm performance in family businesses. *Entrepreneurship, Theory & Practice*, 34(5).

**Montoya, Manuel**

Montoya, M. (2010, March). Cluster Initiatives and Leveraging Global Heritage: A Case Study of the impact of Public and Private Sector Clusters on the World-System. *Proceedings of the University of Friburg Conference Clusters as Drivers of Competitiveness*, Friburg, Switzerland.

**Morales-Camargo, Emmanuel**

Morales-Camargo, E., et al (2010). *Divisible Good Auctions with Asymmetric Information: An Experimental Examination*. International Academy of Business and Economics, Annual Meeting, Las Vegas, Nevada.

**Schatzberg, John**

Schatzberg, J., Rogers, M., and Schatzberg, L. (2010). The Relationship between Inventory Management and Firm Profitability: Sector Consequences of Catastrophic Supply Chain Disruptions. *California Journal of Operations Management*, 8 (2), 39-54.



Schatzberg, J., Dai, N., and Chen, H. (2010). The Choice of Equity Selling Mechanisms: PIPEs versus SEOs. *Journal of Corporate Finance*, 16 (1), 104-119.

Schatzberg, J., Dai, N., and Jo, H. (2010). The Quality and Price of Investment Banks' Service: Evidence from PIPE Market. *Financial Management*, 39 (2), 585-612.

Schatzberg, J., Shareholder-Level Capitalization of Dividend Taxes: Additional Evidence from Earnings Announcement Period Returns, with Dwayne Dowel, Craig White and Robert Rickets. *Quarterly Journal of Finance and Accounting*. (Winter, 2010), Vol. 49, No. 1, pp. 61-80.

### **Vora, Gautam**

Vora, G. (2010). Global Investment Management, *The Handbook of Technology Management, Volume 1*.

### **Walsh, Steve**

Allarakhia, M. and Walsh, S. T. (2010). Managing knowledge assets under conditions of radical change: The case of the pharmaceutical industry. *Technovation*.

Walsh, S. and Linton, J. (2010). The Strategy-Technology Firm Fit Audit: A Guide to Opportunity Assessment and Selection. *Technological Forecasting and Social Change*.

Yanez, M., Tarek, M., and Walsh, S.T. (2010). IAMOT and Education: Defining a Technology and Innovation Management (TIM) Body-of-Knowledge (BoK for graduate Education (TIMBok). *Technovation*, 30 (7-8), 389-400.

Tierney, R. and Walsh, S. (2010). Evaluating the role of Micro and nanotechnology founders as harbingers of entrepreneurial innovation. *High Tech Small Firms*.

Tierney, R. and Walsh, S. (2010). Matrix Management for enabling technology based fabrication at the interface of technology. *International Association for Management of Technology, IAMOT*.

## MANAGEMENT, INFORMATION, AND DECISION SCIENCES

### **Albaum, Gerald**

Albaum, G., Yu, J., Wiese, N., Herche, J., and Evangelista, F. (2010). A Cross-National Study of the Impact of Culture-Based Values on Marketing Decision Makers' Management Style. *Journal of Global Marketing*, 23 (2).

Crittenden, V., Peterson, R. A., and Albaum, G. (2010). Technology and Business-to-Consumer Selling: Contemplating Research and Practice. *Journal of Personal Selling & Sales Management*, 2.

Albaum, G., Poon, P., and Evangelista, F. (2010). Attitudes of Migrants Towards Foreign-Made Products: An Exploratory. *Journal of Consumer Marketing*, 27 (1).

### **Bose, Ranjit**

Bose, R. (2010). Opinion Mining of Social Website Data. *Southeast Decision Sciences Institute Annual Meeting*, Wilmington, NC, 236-245.

### **Burd, Stephen**

Burd, S. D. (2010). *Systems Architecture, 6th edition*. Cengage Learning.

### **Ferrell, Linda**

Ferrell, L., Gonzalez-Padron, T. L., and Ferrell, O.C. (2010). An Assessment of the Use of Technology in the Direct Selling Industry. *Journal of Personal Selling & Sales Management*, 30 (2), 157-166.

Ferrell, L. (2010). *Essential Manager: Ethical Business*. Pearson-UK.

Ferrell, L. (2010). *Business Ethics: Ethical Decision Making and Cases, 8th edition*. Cengage.

Ferrell, L. (2010). *Business and Society: A Strategic Approach to Social Responsibility, 4th edition*. Cengage.

Ferrell, L. (2010). *M Book-Introduction to Business, 2nd edition*. McGraw Hill.

### **Ferrell, O.C.**

Ferrell, O.C., Ferrell, L., and Gonzalez- Pardon, T. (2010). An Assessment of the Use of Technology in the Direct Selling Industry. *Journal of Personal Selling & Sales Management*, 29 (1), 93-96.

Ferrell, O.C., Hult, T., Maignon, I., and Gonzales Padron, T. (2010). From Market Orientation to Stakeholder Orientation. *Journal of Public Policy & Marketing*, 30 (2), 157-166.

Ferrell, O.C. and Ferrell, L. (2010). *Essential Manager: Ethical Business*. Dorling Kindersley UK.

Ferrell, O.C. and Pride, W. (2010). *Marketing: Concepts and Strategies*. Mason, Ohio: South-Western Cengage Learning.

**Kraye, Howard**

Yourstone, S. A., Kraye, S. H., and Albaum, G. (2010). Online Quantitative-Based Assignments—Are More Attempts Better for Learning. *Decision Sciences Journal of Innovative Education*, 9 (2).

**Luo, Xin**

Luo, X., Li, H., Zhang, J., and Shim, J.P. (2010). Examining Multi-dimensional Trust and Multi-faceted Risk in Initial Acceptance of Emerging Technologies: An Empirical Study of Mobile Banking Services. *Decision Support Systems*, 49, 222-234.

Luo, X., Gurung, A., and Shim, J. P. (2010). Understanding the Determinants of User Acceptance of Enterprise Instant Messaging: An Empirical Study. *Journal of Organizational and End User Computing*, 20 (2), 155-181.

Luo, X., Liao, Q., Gurung, A., and Li, L. (2010). Workplace Monitoring and Employee Misuse Avoidance: Does Punishment Matter? *Journal of Computer Information Systems*, 50 (2), 49-59.

Luo, X., Brody, R., and Seazzu, A. (2010). Electronic Discovery: A Descriptive Analysis of Technological, Legal, and Managerial Issues. *Proceedings of Annual AAA Forensic and Investigative Accounting Section Research Conference*.

Luo, X., Zhu, B., Ma, J., and Chau, M. (2010). Finding Treasures from Your Trash. *Proceedings of 2010 Joint Conference on eServices and Business Intelligence*.

Luo, X., Lu, Y., Cao, X., and Yang, D. (2010). The Roles of Social Capital in Virtual Communities. *Proceedings of 2010 Joint Conference on eServices and Business Intelligence*.

Luo, X. and Yan, R. (2010). Understanding Consumers' Online Search and Purchase Behaviors: A Social-Psychological Perspective. *Proceedings of 2010 Joint Conference on eServices and Business Intelligence*.

Luo, X. and Zhang, W. (2010). Guest Editorial Preface: Information and Communication Technology Issues in the Greater China Region. *Journal of Global Information Technology Management*, 13 (2).

**Rogers, Mary Margaret**

Rogers, M. and Weber, W. L. (2010). Supply Chain Tradeoffs in Transportation: CO2 and Fatalities. *Proceedings of the Decision Sciences Institute National Meeting*.

**Roster, Catherine**

Gopalakrishna, S., Roster, C. A., and Sridhar, S. (2010). An Exploratory Study of Attendees Activities at a Business Trade Show. *Journal of Business & Industrial Marketing*, 25 (4), 241-248.

Roster, C. A. and Albaum, G. (2010, May). *Variations in Sensitivity of Topics Among Nations: Implications for Web-Based Surveys*. American Marketing Society, Portland, Oregon.

Roster, C. A. (2010, September). *Chronic Disorganization Research Updates*. National Study Group on Chronic Disorganization, Austin, Texas.

**Schatzberg, Laurie**

Rogers, M., Schatzberg, J., and Schatzberg, L. (2010). The Relationship Between Inventory & Firm Profitability: Sector Consequences of Catastrophic Supply Chain Disruptions. *California Journal of Operations Management*.

Castellanos, J. and Schatzberg, L. (2010). *Computing for Management Students (2nd Edition)*. Pearson.

**Seazzu, Alessandro**

Seazzu, A., Gaillard, G., Burd, S., and Rooney, E. (2010). Virtual Computing Laboratories Using VMware Lab Manager. *Proceedings of the Hawaii International Conference on System Sciences Hawaii International Conference on System Sciences*.

Seazzu, A., Jones, D., and Burd, S. (2010). Bridging Differences in Digital Forensics for Law Enforcement and National Security. *Proceedings of the Hawaii International Conference on System Sciences Hawaii International Conference on System Sciences*.

**Stewart, Douglas**

Stewart, D. and Reinoso, D. (2010). Implications of Service Trends for Online Education. *Proceedings of the Decision Sciences Institute National Meeting*.

**Yourstone, Steven**

Yourstone, S. A., Kraye, S. H., and Albaum, G. (2010). Online Quantitative-Based Assignments—Are More Attempts Better for Learning. *Decision Sciences Journal of Innovative Education*, 9 (2).

## SCHOOL OF ARCHITECTURE AND PLANNING

### **Bastéa, Eleni**

Bastéa, Eleni, "Athens" in *Capital cities in the Aftermath of the Empires: Planning in Central and Southeastern Europe*, Emily Gunzburger Makaš and Tanja Damljanović Conley, editors (Routledge: London and New York, 2010): 29-44.

"Venice without Gondolas," an illustrated and literary exhibit, School of Architecture and Planning, University of New Mexico, Fall 2010.

### **Castillo, Tim B.**

Castillo, Tim B., Emerging Mutations | em2, *Proceedings of the 98th American Collegiate Schools of Architecture Annual Meeting*, ReBuilding Conference, Tulane University, New Orleans, LA, 2010 , p. 7).

Castillo, Tim B., Virtual Embudo Project [cultural archive], *Proceedings of the 98th American Collegiate Schools of Architecture Annual Meeting*, ReBuilding Conference, Tulane University, New Orleans, LA, (2010, p. 28).

Castillo, Tim B., The Fantastic and the Constructible, Form Z Joint Study Program, *Partnership in Learning* 17, Cleveland, OH, (2010, pp. 9, 13).

Castillo, Tim B., *Cultural Cartographies Del Ojo al Embudo*, School of Architecture and Planning Gallery, University of New Mexico, Albuquerque, New Mexico, March 21, 2010-April 7, 2010, (with Geraldine Forbes).

### **Childs, Mark C.**

Childs, Mark C., A Spectrum of Urban Design Roles, *Journal of Urban Design*, Vol. 15, No. 1, pp. 1-19, 2010.

Childs, Mark C., Review of Paul L. Knox and Heike Mayer's *Small Town Sustainability*, with the Town Design Reading Group, *Journal of Urban Design*, Vol. 15. No. 3, pp. 443-448, 2010.

Childs, Mark C., Review of Ned Crankshaw's *Creating Vibrant Public Spaces*, with the Town Design Reading Group, *Journal of Urban Design*, Vol. 15, No. 2, 2010.

Childs, Mark C., *Acequia Spaces, photography of the Hale Ditch, Albuquerque*, School of Architecture and Planning Gallery, University of New Mexico, 2010.

### **Dent, Stephen**

Dent, Stephen, "Heliohouse: Integrating Solar Design and Accessibility," *Proceedings of the 39th ASES National Solar Conference*, Phoenix, May 2010.

**Fleming, William**

Fleming, William, Aldo Leopold: Albuquerque's First Environmental Planner. *The Western Planner*, Vol. 31, No. 7, 2010, (with M. Schmader).

**Forbes Isais, Geraldine**

Forbes Isais, Geraldine, *Cultural Cartographies Del Ojo al Embudo*, School of Architecture and Planning Gallery, University of New Mexico, Albuquerque, New Mexico, March 21-April 7, 2010, (with Tim Castillo).

**Rivera, José A.**

Rivera, José A., *La Sociedad: Guardians of Hispanic Culture Along the Río Grande*. Albuquerque: University of New Mexico Press, 2010.

## BIOLOGY

### **Adema, Coenraad**

Adema, C.M., P.C. Hanington, C.M. Lun, G.H. Rosenberg, A.D. Aragon, B.A. Stout, M.L. Lennard-Richard, P.S. Gross and E.S. Loker. 2010. Differential transcriptomic responses of *Biomphalaria glabrata* (Gastropoda, Mollusca) to bacteria and metazoan parasites, *Schistosoma mansoni* and *Echinostoma paraensei* (Digenea, Platyhelminthes). *Molecular Immunology* 47:849–860. doi:10.1016.

Hathaway, J.J.M., C.M. Adema, B.A. Stout, C.D. Mobarak and E.S. Loker. 2010. Identification of protein components of egg masses indicates parental investment in immunoprotection of offspring by *Biomphalaria glabrata* (Gastropoda, Mollusca). *Developmental and Comparative Immunology*, 34:425–435.

Hanington, P.C., C.M. Lun, C.M. Adema and E.S. Loker. 2010. Time series analysis of the transcriptional responses of *Biomphalaria glabrata* throughout the course of intramolluscan development of *Schistosoma mansoni* and *Echinostoma paraensei*. *International Journal of Parasitology*, 40:819-831.

Knight, M., W. Ittiprasert, E.C. Odoemelam, C.M. Adema, A. Miller, N. Raghavana and J.M. Bridger. 2010. Non-random organization of the *Biomphalaria glabrata* genome in interphase Bge cells and the spatial repositioning of activated genes in cells co-cultured with *Schistosoma mansoni*. *International Journal for Parasitology*, September 2010.

### **Brown, James H.**

Banavar, J.R, M.E. Moses, J.H. Brown, J. Damuth, A. Rinaldo and R.M. Sibly. 2010. A general basis for quarter-power scaling in animals. *Proceedings of National Academy of Sciences*, 107:15816-15820.

Boyer, A.G., J.L.E. Cartron and J.H. Brown. 2010. Interspecific pairwise relationships among body size, clutch size and latitude: Deconstructing a macroecological triangle in birds. *Journal of Biogeography*, 37:47-56.

Davidson, A.D., E. Ponce, D.C. Lightfoot, E.L. Fredrickson, J.H. Brown, J. Cruzado, S.L. Brantley, R. Sierra-Corona, R. List, D. Toledo and G. Ceballos. 2010. Rapid response of a grassland ecosystem to an experimental manipulation of a keystone rodent and domestic livestock. *Ecology*, 91(11):3189-3200.

DeLong, J.P., J.G. Okie, M.E. Moses, R.M. Sibly and J.H. Brown 2010. Shifts in metabolic scaling, production, and efficiency across major evolutionary transitions of life. *Proceedings of National Academy of Sciences*, 107:12941-12946.

Payne, J.L., C.R. McClain, A.G. Boyer, J.H. Brown, S. Finnegan, M. Kowalewski, R.A. Krause, Jr., S.K. Lyons, D.W. McShea, P.M. Novack-Gottshall, F.A. Smith, P. Spaeth, J.A. Stempien and S.C. Wang. 2010. The evolutionary consequences of oxygenic photosynthesis: A body size perspective. *Photosynthesis Research*, 106.

Smith F.A., M.J. Hamilton and J.H. Brown. 2010 On the size selectivity of late Pleistocene extinctions: A mini-forum based on Polishchuk. *Evolutionary Ecology Research*, 12:403-412.

Thibault, K.M., S.K.M. Ernest, E.P. White, J.H. Brown and J.R. Goheen. 2010 Long-term insights into consumer-resource dynamics in desert rodents: Effects of community composition across guilds. *Journal of Mammalogy*, 91:787-797.

### **Collins, Scott L.**

Xia, Y., D.I. Moore, S.L. Collins and E.H. Muldavin. 2010. Spatial and temporal variation of net primary production in Chihuahuan Desert annual plant communities. *Journal of Arid Environments*, 74:378-385.

Collins, S.L., J.E. Fargione, C.L. Crenshaw, E. Nonaka, J.T. Elliott, Y. Xia and W.T. Pockman. 2010. Rapid plant community responses during the summer monsoon to nighttime warming in a Northern Chihuahuan Desert grassland. *Journal of Arid Environments*, 74:611-617.

Ravi, S., T.E. Huxman, S.L. Collins and P. D'Odorico. 2010. Interactions between soil erosion processes and fires: Implications for rangeland management in arid and semi arid regions. *Rangeland Ecology and Management*, 63:267-274.

Spasojevic, M.J., R.J. Aicher, G.R. Koch, E.S. Marquardt, N. Mirotchnick, T.G. Troxler and S.L. Collins. 2010. Fire and grazing in mesic tallgrass prairie: impacts on plant species and functional traits. *Ecology*, 91:1651-1659.

Allen, M.F., W. Swenson, E.B. Allen, J.L. Lansing, K.S. Pregitzer, R.L. Hendrick, R.W. Ruess and S.L. Collins. 2010. Chronic N inputs as a factor in tree mortality in southwestern USA: Impact of N fertilization on mycorrhizae, roots, and shoots in piñon–juniper woodlands. *Journal of Arid Environments*, 74:1170-1176.

Vargas, R., D.D. Baldocchi, M.F. Allen, M. Bahn, A. Black, S.L. Collins, J.C. Yuste, T. Hirano, R.S. Jassal, J. Pumpanen and J. Tang. 2010. Looking deeper into the soil: Environmental controls and seasonal lags of soil CO<sub>2</sub> production and efflux across four vegetation types. *Ecological Applications*, 20:1569-1582.

D'Odorico, P., J.D. Fuentes, W.T. Pockman, S.L. Collins, Y. He, J.S. Medeiros, S. DeWekker and M.E. Litvak. 2010. Positive feedback between microclimate and shrub encroachment in the northern Chihuahuan Desert. *Ecosphere*, 1: doi:10.1890/ES10-00073.1.

Notaro, M., Z. Liu, R.G. Gallimore, J.W. Williams, D. Gutzler and S.L. Collins. 2010. The complex seasonal cycle of ecohydrology in the southwestern United States. *Journal of Geophysical Research–Biogeosciences*, 115: doi.org/10.1029/2010JG001382.

### **Cook, Joseph A.**

Cook, J.A. and V. Fedorov. 2010. Arctic genetic diversity: Heavily shaped by past climate change. Genetic Diversity chapter in *Arctic Biodiversity and Climate Change Assessment Highlights*. Conservation of Arctic Fauna and Flora, Copenhagen, Denmark.



Kang, H.J., S. Arai, A.G. Hope, J.A. Cook and R. Yanagihara R. 2010. Novel Hantavirus in the Flat-Skulled Shrew (*Sorex roboratus*). *Vector Borne Zoonotic Diseases*, April 2010.

Cook, J.A., A.A. Eddingsaas, J.L. Loxterman, S. Ebbert and S.O. MacDonald. 2010. Insular ground squirrels of the North Pacific: Indigenous or Exotic? *Journal of Mammalogy*, 91:1401-1412.

Gonzalez, P., Y.E. Sawyer, M. Avila, A. Armien, B. Armien and J.A. Cook. 2010. Variation in cytochrome-b haplotypes suggests a new species of *Zygodontomys* (Rodentia: Cricetidae) on Isla Coiba, Veraguas, Panama. *Zoologia*, 27:660-665.

Hope, A.G., E. Waltari, N.E. Dokuchaev, S. Abramov, T. Dupral, H. Henttonen, S.O. MacDonald and J. A. Cook. 2010. Diversification of the Eurasian least shrew and Alaska tiny shrew (Soricidae) at high latitudes. *Journal of Mammalogy*, 91:1041-1057.

Torres-Pérez, F., M. Acuna-Retamar, J.A. Cook, A. Bacigalupo, A. García and P.E. Cattán. 2010. Statistical phylogeography and population dynamics of Chagas disease vector *Triatoma infestans*: Testing biogeographic hypotheses of dispersal. *Infection, Genetics, and Evolution*, 11:167-174.

Matsumoto, K., J.A. Cook, H.K. Goethert and S.R. Telford, III. 2010. *Bartonella* sp. infection of voles trapped from an Interior Alaskan site where ticks are absent. *Journal of Wildlife Diseases*, 46:173-178.

Esteva, M., F.A. Cervantes, S.V. Brant and J.A. Cook. 2010. Molecular phylogeny of long-tailed shrews (genus *Sorex*) from México and Guatemala. *Zootaxa*, 2615:47-65.

Weckworth, B., S. Talbot and J.A. Cook. 2010. Phylogeography of wolves (*Canis lupus*) in the Pacific Northwest. *Journal of Mammalogy*, 91:363-375.

Torres-Pérez, F., R.E. Palma, M. Ferres, B. Hjelle and J.A. Cook. 2010. Andes virus infection in the rodent reservoir and in humans varies across contrasting landscapes in Chile. *Infection, Genetics and Evolution*, 10:820-825.

### **Couch, Lee**

Couch, L. and C. McNamara. 2010. *Microbiology Lab Manual for 239L*. Hayden-McNeil Publishing.

### **Cripps, Richard M.**

Black, B.L. and R.M. Cripps. 2010. Myocyte enhancer factor-2 transcription factors in heart development and disease. In *Heart Development and Disease*, R.P. Harvey and N. Rosenthal, eds. Academic Press.

Wang Z., C. Wilhelmsson, P. Hyrsi, T.G. Loof, P. Dobes, M. Klupp, O. Loseva, M. Mörgelin, J. Iklé, R.M. Cripps, H. Herwald and U. Theopold. 2010. Pathogen entrapment by transglutaminase-A conserved early innate immune mechanism. *PLoS Pathogens*, 6: 1-9.

**Farnsworth, Paul A.**

Farnsworth, P.A. 2010. *Laboratory Investigations in Biology*, 9th Edition. Hayden McNeil Publishing.

Breakwell, D., S. Burnet, R. Robison and P.A. Farnsworth. 2010. *Relevant Microbiology*. Great Rivers Press.

**Katju, Vaishali**

Rane, H.S., J.M. Smith, U. Bergthorsson and V. Katju. 2010. Gene conversion and DNA sequence polymorphism in the sex-determination gene *fog-2* and its paralog *ptr-1* in *Caenorhabditis elegans*. *Molecular Biology and Evolution*, 27(7):1561-1569.

Katju, V. and U. Bergthorsson. 2010. Genomic and population-level effects of gene conversion in *Caenorhabditis* paralogs. *Genes*, 1(3): 452-468.

**Kodric-Brown, Astrid**

Kodric-Brown, A. 2010. Sexual selection, male quality and swimming performance. Pp. 249-268 in *Fish Locomotion, an Eco-ethological Perspective*, P. Domenici and B.G. Kapoor, Eds. Enfield, NH: Science Publishers.

**Lowrey, Timothy K.**

Lowrey, T.K. 2010. An introduction to New Mexico's Floristic Zones and Vegetation Communities. In *Raptors of New Mexico*, J.L. Cartron, Ed. Albuquerque, NM: UNM Press.

Boykin, L.M., L.S. Kubatko and T.K. Lowrey. Comparison of methods for rooting phylogenetic trees: A case study using Orcuttieae (Poaceae: Chloridoideae). *Molecular Systematics and Evolution*, 54:687-700.

**Marshall, Diane L.**

Marshall, D.L., J.J. Avritt, S. Saliakal-Witt, J.S. Medeiros and M.G.M. Shaner. 2010. The impact of plant and flower age on mating patterns. *Annals of Botany*, 105:7-22.

Marshall, D.L., A.P. Tyler, N.J. Abrahamson, J.J. Avritt, M.G. Barnes, L.L. Larkin, J.S. Medeiros, J. Reynolds, M.G.M. Shaner, H.L. Simpson and S. Maliakal-Witt. 2010. Pollen performance of *Raphanus sativus* (Brassicaceae) declines in response to elevated [CO<sub>2</sub>]. *Sexual Plant Reproduction*, 23:325-336.

Diggle, P.K., N.J. Abrahamson, R.L. Baker, M.G. Barnes, T.L. Koontz, C.R. Lay, J.S. Medeiros, J.L. Murgel, M.G.M. Shaner, H.L. Simpson, C.C. Wu and D.L. Marshall. 2010. Dynamics of maternal and paternal effects on embryo and seed development in wild radish (*Raphanus sativus*). *Annals of Botany*, 106: 309-319.

**Miller, Robert D.**

Miller, R.D. 2010. Those other mammals: The immunoglobulins and T cell receptors of marsupials and monotremes. *Seminars in Immunology*, 22:3-9.

Baker, M.L., X. Wang and R.D. Miller. 2010. Marsupial immunoglobulin and T cell receptor biology and genomics. Pp. 357-380 in *Marsupial Genetics and Genomics*, J. Deakin, P. Waters, and J. Graves, Eds. Berlin, Germany: Springer Verlag.

Parra, Z.E., Y. Ohta, M.F. Criscitiello, M.F. Flajnik and R.D. Miller. 2010. The dynamic TCR\*: TCR\* chains in the amphibian *Xenopus tropicalis* utilize antibody-like V genes. *European Journal of Immunology*, 40:2319-2329.

**Nelson, Mary Anne**

Martinez, D.A. and M.A. Nelson. 2010. The Next Generation Becomes the Now Generation. *PLoS Genetics*, 6:1-3 [e1000906].

Arvas, M., N. Haiminen, B. Smit, J. Rautio, M. Vitikainen, M. Wiebe, D. Martinez, C. Chee, J. Kunkel, C. Sanchez, M.A. Nelson, T. Pakula, M. Saloheimo, M. Penttilä and T. Kivioja. 2010. Detecting novel genes with sparse arrays. *Gene*, 467:41-51.

**Pockman, William T.**

D'Odorico, P., J.D. Fuentes, W.T. Pockman, S.L. Collins, Y. He, J.S. Medeiros, S. DeWekker and M.E. Litvak. 2010. Positive feedback between microclimate and shrub encroachment in the northern Chihuahuan desert. *EcoSpheres* 1(6), doi:10.1890/ES10-00073.1

Medeiros, J.S. and W.T. Pockman. 2010. Drought increases freezing tolerance in both leaves and xylem of *Larrea tridentata*. *Plant Cell and Environment*, doi: 10.1111/j.1365-3040.2010.02224.x

Pockman, W.T. and E.E. Small. 2010. Differential responses to precipitation pulses by grasses and shrubs in a Chihuahuan desert ecotone. *Ecosystems*, doi: 10.1007/s10021-010-9337-2.

Medeiros, J.S. and W.T. Pockman. 2010. Size class differentiation in water use and hydraulic conductance of *Larrea tridentata*. *Journal of Arid Environments*, doi:10.1016/j.jaridenv.2010.05.008.

**Shaner, Marieken G.M.**

Marshall, D.L., A.P. Tyler, N.J. Abrahamson, J.J. Avritt, M.G. Barnes, L.L. Larkin, J.S. Medeiros, J. Reynolds, M.G. M. Shaner, H.L. Simpson and S. Maliakal-Witt. 2010. Pollen performance of *Raphanus sativus* (Brassicaceae) declines in response to elevated [CO<sub>2</sub>]. *Sexual Plant Reproduction*, 23(4):325-336.

Diggle, P.K., N.J. Abrahamson, R.L. Baker, M.G. Barnes, T.L. Koontz, C.R. Lay, J.S. Medeiros, J.L. Murgel, M.G.M. Shaner, H.L. Simpson, C.C. Wu and D.L. Marshall. 2010. Dynamics of maternal and paternal effects on embryo and seed development in wild radish (*Raphanus sativus*). *Annals of Botany*, 106(2):309-319.

Marshall, D.L., J.J. Avritt, S. Maliakal-Witt, J.S. Medeiros and M.G.M. Shaner. 2010. The impact of plant and flower age on mating patterns. *Annals of Botany*, 105(1):7-22.

**Sinsabaugh, Robert L.**

Wallenstein M., S. Allison, J. Ernakovich, J.M. Steinweg and R.L. Sinsabaugh. 2011. Controls on the temperature sensitivity of soil enzymes: A key driver of in-situ enzyme activity rates. Chapter 13 in *Soil Enzymology*, G. Shukla and A. Varma, Eds. Berlin: Springer Verlag.

Sinsabaugh, R.L. 2010. Phenol oxidase, peroxidase and organic matter dynamics of soil. *Soil Biology and Biochemistry*, 42(3):391-404.

Brandt, L.A., J.Y. King, S.E. Hobbie, D.G. Milchunas and R.L. Sinsabaugh. 2010. The role of photodegradation in surface litter decomposition across a grassland ecosystem precipitation gradient. *Ecosystems*, 13(5):765-781.

Herrera, J., H.H. Khidir, D.M. Eudy, A. Porras-Alfaro, D.O. Natvig and R.L. Sinsabaugh. 2010. Shifting fungal endophyte communities colonize *Bouteloua gracilis*: Effect of host tissue and geographical distribution. *Mycologia*, 102(5):1012-1026.

Khidir, H.H., D.M. Eudy, A. Porras-Alfaro, J. Herrera, D.O. Natvig and R.L. Sinsabaugh. 2010. A general suite of fungal endophytes dominate the roots of two dominant grasses in a semiarid grassland. *Journal of Arid Environments*, 74(1):35-42.

Sinsabaugh, R.L. 2010. Phenol oxidase, peroxidase and organic matter dynamics of soil. *Soil Biology and Biochemistry*, 42(3):391-404.

Sinsabaugh, R.L. and J.J. Follstad Shah. 2010. Integrating resource utilization and temperature in metabolic scaling of riverine bacterial production. *Ecology*, 91(5):1455-1465.

Sinsabaugh, R.L., D.J. Van Horn, J.J. Follstad Shah and S. Findlay. 2010. Ecoenzymatic stoichiometry in relation to productivity for freshwater biofilm and plankton communities. *Microbial Ecology*, 60(4):885-893.

**Stricker, Stephen A.**

Stricker, S.A., D.J. Carroll and W.L. Tsui. 2010. Roles of Src family kinases during fertilization and the first cell cycle in the marine protostome worm *Cerebratulus*. *International Journal of Developmental Biology*, 54:787-793.

Stricker, S.A., L. Swiderek and T. Nguyen. 2010. Stimulators of AMP-activated kinase (AMPK) inhibit seawater, but not cAMP-induced oocyte maturation in a marine worm: Implications for interactions between cAMP and AMPK signaling. *Molecular Reproduction and Development*, 77:497-510.

Stricker, S.A., J. Escalona, S. Abernathy and A. Marquardt. 2010. Pharmacological analyses of protein kinases regulating egg maturation in marine nemertean worms: A review and comparison with mammalian eggs. *Marine Drugs*, 8:2417-2434.

**Takacs-Vesbach, Cristina D.**

Takacs-Vesbach, C., L. Zeglin, M.A. Gooseff, J.E. Barrett and J.C. Priscu. 2010. Factors promoting microbial diversity in the McMurdo Dry Valleys. In *Life in Antarctic Deserts and Other Cold Dry Environments: Astrobiological Analogues*, P. Doran, W.B. Lyons and D.M. McKnight, Eds. Cambridge Press.

Barrett, J.E., M.A. Poage, M.A. Gooseff and C. Takacs-Vesbach. 2010. The legacy of aqueous environments on soils of the McMurdo Dry Valleys: Considerations for future exploration of martian soils. In *Life in Antarctic Deserts and Other Cold Dry Environments: Astrobiological Analogues*, P. Doran, W.B. Lyons and D.M. McKnight, Eds. Cambridge Press.

### **Thornhill, Randy**

Eppig, C., C.L. Fincher and R. Thornhill. 2010. Parasite prevalence and the worldwide distribution of cognitive ability. *Proceedings of the Royal Society B*.

Gangestad, S.W., R. Thornhill and C.E. Garver-Apgar. 2010. Fertility in the cycle predicts women's interest in sexual opportunism. *Evolution and Human Behavior*, 31:400-411.

Gangestad, S.W., R. Thornhill and C.E. Garver-Apgar. 2010. Men's facial masculinity predicts changes in their female partners' sexual interests across the ovulatory cycle, whereas men's intelligence does not. *Evolution and Human Behavior*, 31:412-424.

Hoben, A.D., A.P. Buunk, C.L. Fincher, R. Thornhill and M. Schaller. 2010. On the adaptive origins and maladaptive consequences of human inbreeding: Parasite prevalence, immune functioning, and consanguineous marriage. *Evolutionary Psychology*, 8:658-676.

Letendre, K., C.L. Fincher and R. Thornhill. 2010. Does infectious disease cause global variation in the frequency of intrastate armed conflict and civil war? *Biological Reviews*, 85:669-683.

Thornhill, R., C.L. Fincher, D.R. Murray and M. Schaller. 2010. Zoonotic and non-zoonotic diseases in relation to human personality and societal values: Support for the parasite-stress model. *Evolutionary Psychology*, 8(2):151-169.

### **Turner, Thomas F.**

Turner, T.F., M.L. Collyer and T.J. Krabbenhoft. 2010. A general hypothesis testing framework for stable isotope ratios in ecological studies. *Ecology*, 91:2227-2233.

Osborne, M.J., S. Davenport, C.W. Hoagstrom and T.F. Turner. 2010. Genetic effective size,  $N_e$ , tracks density in a small freshwater cyprinid, Pecos bluntnose shiner (*Notropis simus pecosensis*). *Molecular Ecology*, 19:2832-2844.

### **Wearing, Helen J.**

Nonaka, E., G.D. Ebel and H.J. Wearing. 2010. Persistence of pathogens with short infectious periods in seasonal tick populations: The relative importance of three transmission routes. *PLoS ONE*, 5:e11745.

## CHEMISTRY AND CHEMICAL BIOLOGY

### **David Bear**

Bear, D.G. (2010) *Gene Expression and Regulation in Lewin's Cells*, 2nd Ed., Cassimeris, L., Lingappa, V.R., and Plopper, G., eds., Jones and Bartlett, pp. 105-168.

### **Stephen Cabaniss**

Luilo, G.B.; Cabaniss, S.E. Quantitative Structure–Property Relationship for Predicting Chlorine Demand by Organic Molecules, 2010, *Environ. Sci. Technol.*, 44:2503-2508.

### **Debra Dunaway-Mariano**

Divergence of biochemical function in the HAD superfamily: D-glycero-D-manno-heptose-1,7-bisphosphate phosphatase (GmhB). Wang L, Huang H, Nguyen HH, Allen KN, Mariano PS, Dunaway-Mariano D. *Biochemistry*, 2010 Feb 16;49(6):1072-1081.

Structural determinants of substrate recognition in the HAD superfamily member D-glycero-D-manno-heptose-1,7-bisphosphate phosphatase (GmhB). Nguyen HH, Wang L, Huang H, Peisach E, Dunaway-Mariano D, Allen KN. *Biochemistry*, 2010 Feb 16;49(6):1082-1092.

Divergence of biochemical function in the HAD superfamily: D-glycero-D-manno-heptose-1,7-bisphosphate phosphatase (GmhB). Wang L, Huang H, Nguyen HH, Allen KN, Mariano PS, Dunaway-Mariano D. *Biochemistry*, 2010 Feb 16;49(6):1072-1081.

X-ray structure and characterization of carbamate kinase from the human parasite *Giardia lamblia*. Galkin A, Kulakova L, Wu R, Nash TE, Dunaway-Mariano D, Herzberg O. *Acta Crystallogr Sect F Struct Biol Cryst Commun*, 2010 Apr 1;66(Pt 4):386-390.

Nature and kinetic analysis of carbon-carbon bond fragmentation reactions of cation radicals derived from SET-oxidation of lignin model compounds. Cho DW, Parthasarathi R, Pimentel AS, Maestas GD, Park HJ, Yoon UC, Dunaway-Mariano D, Gnanakaran S, Langan P, Mariano PS. *J Org Chem*, 2010 Oct 1;75(19):6549-6562.

Rational design, synthesis and evaluation of first generation inhibitors of the *Giardia lamblia* fructose-1,6-bisphosphate aldolase. Li Z, Liu Z, Cho DW, Zou J, Gong M, Breece RM, Galkin A, Li L, Zhao H, Maestas GD, Tierney DL, Herzberg O, Dunaway-Mariano D, Mariano PS. *J Inorg Biochem*, 2010 Dec 30;105(4):509.

### **John Grey**

Observation of the Missing Mode Effect in a Poly-Phenylenevinylene Derivative: Effect of Solvent, Conformation and Packing, A.J. Wise, T.P. Martin, J. Gao, K. VanDerGeest, J.K. Grey. *Journal of Chemical Physics*. (2010) 133, 174901-174907.

Understanding Morphology-Dependent Polymer Aggregation Properties and Photocurrent Generation in Polythiophene/Fullerene Solar Cells of Variable Compositions, Y. Gao, T.P. Martin, E.T Niles, A.K. Thomas, A.J. Wise, J.K. Grey. *Journal of Physical Chemistry C* (2010) 114, 15121-15128.

Resonance Raman Spectroscopic- and Photocurrent Imaging of Polythiophene/Fullerene Solar Cells, Y. Gao, T.P. Martin, A.K. Thomas, J.K. Grey. *Journal of Physical Chemistry Letters* (2010) 1, 178-182.

### Hua Guo

Z. Sun, L. Liu, S. Y. Lin, R. Schinke, H. Guo and D. H. Zhang, State-to-state quantum dynamics of O + O<sub>2</sub> isotope exchange reactions reveals non-statistical behavior at atmospheric conditions, *Proc. Natl. Acad. Sci. USA*, 107, 555 (2010).

Z. Sun, H. Guo and D. H. Zhang, Extraction of state-to-state reactive scattering attributes from wave packet in reactant Jacobi coordinates, *J. Chem. Phys.*, 132, 084112 (2010).

W. Lai, S. Y. Lin, D. Xie and H. Guo, Non-adiabatic dynamics of  $\tilde{A}$ -state photodissociation of ammonia: a four-dimensional wave packet study, *J. Phys. Chem. A*, 114, 3121 (2010).

S. Wu, C. Zhang, D. Xu and H. Guo, Catalysis of carboxypeptidase A: Promoted water vs. nucleophilic pathways, *J. Phys. Chem. B.*, 114, 9259 (2010).

J. Ma, S. Y. Lin, H. Guo, Z. Sun, D. H. Zhang, D. Xie, State-to-state quantum dynamics of the O(<sup>3</sup>P) + OH(<sup>2</sup>P) → H(<sup>2</sup>S) + O<sub>2</sub>(<sup>3</sup>S<sub>g</sub>) reaction, *J. Chem. Phys.*, 133, 054302 (2010).

S. Y. Lin, H. Guo, B. Jiang, S. Zhou, and D. Xie, Non-Born-Oppenheimer state-to-state dynamics of the N(<sup>2</sup>D) + H<sub>2</sub> → NH( $\tilde{X}^3\Sigma^-$ ) + H reaction: Influence of the Renner-Teller coupling, *J. Phys. Chem. A*, 114, 9655 (2010).

A. Li, D. Xie, R. Dawes, A. W. Jasper, J. Ma, and H. Guo, Global potential energy surface, vibrational spectrum, and reaction dynamics of the first excited (A<sup>2</sup>A') state of HO<sub>2</sub>, *J. Chem. Phys.*, 133, 144306 (2010).

S. Wu, D. Xu, and H. Guo, QM/MM studies of mono-zinc b-lactamase CphA suggest that the crystal structure of an enzyme-intermediate complex represents a minor pathway, *J. Am. Chem. Soc.*, 132, 17986 (2010).

### Richard Kemp

Mrutu, A.; Goldberg, K. I.; Kemp, R. A., Synthesis and characterization of a dinuclear Ni complex containing a bridging CNC pincer ligand. *Inorg. Chim. Acta* 2010, 364 (1), 115-119.

Page, G.; Felix, A. M.; Dickie, D. A.; Chen, L.; Kemp, R. A., Yellow and blue make green: The importance of stoichiometry in the reaction of 1,4-bis(2,6-diisopropylphenyl)-1,4-diazabutadiene with dimethylgallium chloride. *Main Group Chem.* 2010, 9, 11-21.

Stewart, C. A.; Dickie, D. A.; Kemp, R. A., 1,3-Bis(phenylsufanylmethyl)benzene. *Acta Crystallogr., Sect. E: Struct. Rep. Online* 2010, E66, o677-o678.

Stewart, C. A.; Dickie, D. A.; Parkes, M. V.; Saria, J. A.; Kemp, R. A., Reactivity of Bis(2,2,5,5-tetramethyl-2,5-disila-1-azacyclopent-1-yl)tin with CO<sub>2</sub>, OCS, and CS<sub>2</sub> and Comparison to That of Bis[bis(trimethylsilyl)amido]tin. *Inorg. Chem.* 2010, 49 (23), 11133-11141.

### **Martin Kirk**

H. Sugimoto, H. Tano, K. Suyama, T. Kobayashi, H. Miyake, S. Itoh, R. P. Mtei, and M. L. Kirk, Chalcogenidobis(ene-1,2-dithiolate)molybdenum(IV) Complexes (Chalcogenide E = S, Se): Probing Mo=E and Ene-1,2-dithiolate Substituent Effects on Geometric and Electronic Structure, *Dalton Trans.*, 2010, 40, 1119-1131.

Hideki Sugimoto, Susumu Tatemoto, Koichiro Suyama, Hiroyuki Miyake, Regina P. Mtei, Shinobu Itoh, and Martin L. Kirk. Monooxo Molybdenum(VI) Complexes Possessing Olefinic Dithiolene Ligands: Probing Mo-S Covalency Contributions to Electron Transfer in DMSO Reductase Family Molybdoenzymes. *Inorg. Chem.* 2010, 49, 5368-5370.

M. L. Kirk, D. A. Shultz, D. Habel-Rodriguez, R. D. Schmidt, U. Sullivan<sup>s</sup> Hyperfine Interaction, Spin Polarization, and Spin Delocalization as Probes of Donor-Bridge-Acceptor Interactions in Exchange Coupled Biradicals, *J. Phys. Chem. B* 2010, 114, 14712-14716.

K. G. Matz, R. P. Mtei, B. Leung, S. J. Nieter Burgmayer, and M. L. Kirk. Non-Innocent Dithiolene Ligands: A New Oxomolybdenum Complex Possessing a Donor-Acceptor Dithiolene Ligand. *J. Am. Chem. Soc.* 2010 132, 7830-7832.

### **Patrick Mariano**

Studies Aimed at Elucidating Factors Involved in the Control of Chemoselectivity in Single Electron Transfer Promoted Photoreactions of Branched-Polydonor Substituted Phthalimides, Daewon Cho, Chunsheng Quan, Hea Jung Park, Jung Hei Choi, Su Rhan Kim, Tae Gyung Hyung, Ung Chan Yoon, Sung Hong Kim, Jin Ying Xue, Patrick S. Mariano, *Tetrahedron*, 66, 3173-3186 (2010).

Organic Synthesis Based on Ruthenium Carbene Catalyzed Metathesis Reactions and Pyridinium Salt Photochemistry, Daewon Cho, Patrick S. Mariano, *J. Kor. Chem. Soc.*, 54, 261-268 (2010).

A Concise, Metathesis Based Approach to Construction of the Lepadiformine/Cylindricine Tricyclic Framework. Jiwen Zou, Daewon Cho, Patrick S. Mariano, *Tetrahedron*, 66, 5955-5961 (2010).

The Nature and Kinetic Analysis of Carbon-Carbon Bond Fragmentation Reactions of Cation Radicals Derived from SET-Oxidation of Lignin Model Compounds, Dae Won Cho, Parthasarathi Ramakrishnan, Adam S. Pimentel, Gabriel D. Maestas, Hea Jung Park, Ung Chan Yoon, Debra Dunaway-Mariano, S. Gnanakaran, Paul Langan, Patrick S. Mariano, *J. Org. Chem.*, 75, 6549-6562 (2010).

Studies of Silyl-Transfer Photochemical Reactions of *N*-[(Trimethylsilyl)alkyl]saccharins, Dae Won Cho, Sun Wha Oh, Dong Uk Kim, Hea Jung Park, Jin Ying Xue, Ung Chan Yoon, Patrick S. Mariano, *Bull. Kor. Chem. Soc.* 31, 2453-2458 (2010).



### Robert Paine

Pailloux, S.; Binyamin, I.; Deck, L.M.; Hay, B.P.; Zakharov, L.N.; Kassel, W.S.; Rheingold, A.L.; Paine, R.T. Unexpected Chelation Interaction for 2-Hydroxy-2-(1-oxy-pyridin-2-yl)-N,N-diphenyl acetamide, *Polyhedron*, 2010, 28, 3979.

Fan, M.; Duesler, E.N.; Noeth, H.; Paine, R.T., Reactions of Organyl and Silyl Alanes with 1,3,4,5,6-Pentamethyl-2-amino borazine, *Inorg. Chem.* 2010, 49, 2983.

Pailloux, S.; Shirima, C.E.; Smith, K.A.; Duesler, E.N.; Paine, R.T., Synthesis and Reactivity of (Benzoxazol-2-ylmethyl)phosphonic acid, *Inorg. Chem.* 2010, 49, 9369.

### Wei Wang

Liu, C.-L.; Zhang, X.-S.; Wang, R.; Wang, W. "One-pot" Access to 4H-Chromenes with Formation of a Chiral Quaternary Stereogenic Center by a Highly Enantioselective Iminium-allenamine Involved Oxa-Michael-Aldol Cascade, *Org. Lett.*, 2010, 12, 4948-4951.

Zhang, X.-S.; Zhang, S.-L.; Wang, W. Iminium Allenamine Cascade Catalysis: "One-pot" Access to Chiral 4H-Chromenes by a Highly Enantioselective Michael-Michael Sequence, *Angew. Chem. Int. Ed.*, 2010, 49, 1481-1484.

Xue, F.; Liu, L.; Zhang, S.; Duan, W.-H.; Wang, W. A Simple Primary Amine-Thiourea Catalyzed Highly Enantioselective Conjugate Addition of  $\alpha$ ,  $\alpha$ -Disubstituted Aldehydes to Maleimides, *Chem. Eur. J.*, 2010, 16, 7979-7982.

Zhang, N.; Agbor, L. N.; Scott, J. A.; Zalobowski, T.; Elased, K. M.; Trujillo, A.; Duke, M. S.; Wolf, V.; Walsh, M. T.; Born, J. L.; Felton, L. A.; Wang, J.; Wang, W.; Kanagy, N. L.; Walker, M. K. An Activated Renin-angiotensin System Maintains Normotension in Aryl Hydrocarbon Receptor Heterozygous Mice but not Null Mice, *Biochem. Pharmacol.*, 2010, 80, 197-204.

Zhang, Y.-N.; Yu, C.-G.; Ji, Y.-F.; Wang, W. Diastereo- and Enantioselective Organocatalytic Direct Conjugate Addition of *g*-Butenolide to Chalcones, *Chem. Asian. J.*, 2010, 5, 1303-1306.

Jiang, W.; Cao, Y.-T.; Liu, Y.; Wang, W. Rational Design of a Highly Selective and Sensitive Fluorescent PET Probe for Discrimination of Thiophenols and Aliphatic Thiols, *Chem. Commun.*, 2010, 46, 1944-1966.

Huang, J.-L.; Zhu, F.-X.; He, W.-H.; Zhang, F.; Wang, W. Li, H.-X. Periodic Mesoporous Organometal silicas with Unary or Binary Organometals Inside the Channel Walls as Active and Reusable Catalysts in Aqueous Organic Reactions, *J. Am. Chem. Soc.*, 2010, 132, 1492-1493.

Yu, C.-G.; Zhang, Y.-N.; Zhang, S.-L.; He, J.; Wang, W. Highly Enantioselective Michael-cyclization Cascade Promoted by Synergistic Asymmetric Aminocatalysis and Lewis Acid Catalysis, *Tetrahedron Lett.*, 2010, 51, 1742-1744.

Deng, J.; Zhang, S.-L.; Ding, P.; Jiang, H.-L.; Wang, W. and Li, J. Facile Creation of Privileged 3-Indolyl-3-hydroxy-2-oxindoles by an Organocatalytic Enantioselective Friedel-Crafts Reaction of Indoles with Isatins, *Adv. Synth. Catal.*, 2010, 352, 833-838.

Zhang, S.-L.; Li, J.; Zhao, S.-H.; Wang, W. 1,3-Benzodithiole-1,1,3,3-tetraoxide (BDT) as a Versatile Methylation Reagent in Catalytic Enantioselective Michael Addition Reaction with Enals, *Tetrahedron Lett.*, 2010, 51, 1766-1769.

Liu, J.; Zhu, J.; Jiang, H.-L.; Wang, W.; Li, J. Pd-catalyzed cascade Heck-Saegusa: direct synthesis of enals from aryl iodides and allyl alcohol, *Chem. Commun.*, 2010, 46, 415-417.

Zhang, H.-Y.; Zhang, S.-L.; Liu, L.; Lou, G.-S.; Duan, W.-H.; Wang, W. Synthesis of Chiral 3-Substitued Phthalides by a Sequential Organocatalytic Enantioselective Aldol-lactonization Reaction. Three-step Synthesis of (*S*)-(-)-3-Butylphthalide *J. Org. Chem.*, 2010, 75, 368-374.

Li, H.; Ji, Y.-F.; Li, J.; Zhang, S.-L.; Yu, C.-G.; Wang, W. Organocatalytic Enantioselective Michael Addition Reactions of Fluoromalonates with  $\alpha, \beta$ -Unsaturated Aldehydes, *Science China - Chemistry*, 2010, 53, 135-139.

## EARTH AND PLANETARY SCIENCES

### **Breareley, Adrian**

Early solar system processes recorded in the matrices of two highly pristine CR3 carbonaceous chondrites, MET00426 and QUE99177, *Geochimica et Cosmochimica Acta*, v. 74, pp. 1146-1171 (2010). Coauthor: N.M. Abreu.

Experimental analysis of arsenic precipitation during microbial sulfate and iron reduction in model aquifer sediment reactors, *Geochimica et Cosmochimica Acta*, v. 73, pp. 889-910 (2010). Coauthors: M.F. Kirk, E.E. Roden, L.J. Crossey and M.N. Spilde.

Dust particle size evolution, in *Protoplanetary Dust*, Edited by D. Apai and D. Lauretta, *Cambridge University Press*, pp. 191-229 (2010). Coauthor: K.M. Pontoppidan.

### **Crossey, Laura J.**

Late Cenozoic evolution of the Colorado Rockies: Evidence for Neogene uplift and drainage integration, (in L.A. Morgan and S.L. Quane, eds.), *Through the Generations: Geologic and Anthropogenic Field Excursions in the Rocky Mountains from Modern to Ancient*, Geological Society of America, Field Guide 18, pp. 21-54 (2010). Coauthors: A. Aslan, K.E. Karlstrom, S. Kelley, R. Cole, G. Lazear and A. Darling.

Experimental analysis of arsenic precipitation during microbial sulfate and iron reduction in model aquifer sediment reactors, *Geochimica et Cosmochimica Acta*, v. 74, pp. 2538-2555 (2010). Coauthors: M.F. Kirk, E.E. Roden, A.J. Breareley and M. Spilde.

### **Elrick, Maya**

Carbon and oxygen isotope evidence for high-frequency (10<sup>4</sup>-10<sup>5</sup> yr) and My-scale glacio-eustasy in Middle Pennsylvanian cyclic carbonates (Gray Mesa Formation), central New Mexico, *Palaeogeography, Palaeoclimatology, Palaeoecology*, v. 285, pp. 307-320 (2010). Coauthor: L.A. Scott.

### **Fischer, Tobias**

Monitoring of temporal and spatial variations in fumarole helium and carbon dioxide characteristics at Poás and Turrialba volcanoes, Costa Rica (2001-2009), *Geochemical Journal*, v. 44, pp. 431-440 (2010). Coauthors: D.R. Hilton, C. Ramirez, R.A. Mora Amador, E. Füri, P.H. Barry and A.M. Shaw.

Sulfur isotope fractionation during the May 2003 eruption of Anatahan volcano, Mariana Islands: Implications for sulfur sources and plume processes, *Geochimica et Cosmochimica Acta*, (2010). Coauthors: J.M. de Moor, Z.D. Sharp, D.R. Hilton, E. Hauri and V. Atudorei.

Quantifying Inorganic Sources of geochemical energy in hydrothermal ecosystems, Yellowstone National Park, USA, *Geochimica et Cosmochimica Acta*, (2010). Coauthors: E.L. Shock, M. Holland, D. Dombart-Meyer, J.P. Amend and G.R. Osburn.

Apparent decoupling of the He and Ne isotope systematics of the Icelandic mantle: The role of He depletion, melt mixing, degassing fractionation and air interaction, *Geochimica et Cosmochimica Acta*, v. 74, pp. 3307-3332 (2010). Coauthors: E. Füri, D.R. Hilton, S.A. Halldorsson, P.H. Barry, D. Hahm and K. Grönvold.

Nitrogen sources and recycling at subduction zones: Insights from the Izu-Bonin-Mariana arc, *G-cubed*, v. 11, Q02X11, (2010). Coauthors: E.C. Mitchell, D.R. Hilton, E. Hauri, A.M. Shaw, J.M. de Moor, Z.D. Sharp and K. Kazahaya.

An experimental determination of chlorine isotope fractionation in acid systems and applications to volcanic fumaroles, *Geochimica et Cosmochimica Acta*, v. 74, 264-273 (2010). Coauthors: Z.D. Sharp, J.D. Barnes and M. Halick.

### **Galewsky, Joseph**

Diagnosis of zonal mean relative humidity changes in a warmer climate, *Journal of Climate*, v. 23, pp. 4556-4569 (2010). Coauthors: J.S. Wright and A. Sobel.

An advection-condensation model for subtropical water vapor isotopic ratios, *Journal of Geophysical Research*, v. 115, D16116, 10 pp., (2010). Coauthor: J. Hurley.

A last-saturation diagnosis of subtropical water vapor response to global warming, *Geophysical Research Letters*, v. 37 (2010). Coauthor: J. Hurley.

A last-saturation analysis of ENSO humidity variability in the subtropical Pacific, *Journal of Climate*, v. 23, pp. 918-931 (2010). Coauthor: J. Hurley.

### **Geissman, John W.**

Paleomagnetic evidence for rapid, high temperature formation of large-scale rheomorphic structures in the upper Pliocene Huckleberry Ridge Tuff, east-central Idaho, *Geology*, v. 38, pp. 263-266 (2010). Coauthors: D.K. Holm, S.S. Harlan and G. Embree.

Magnetic fabric, paleomagnetic, and  $^{40}\text{Ar}/^{39}\text{Ar}$  geochronologic data bearing on the emplacement of the Philipsburg Batholith, southwest Montana fold/thrust belt, *Lithosphere*, v. 2, pp. 303-327 (2010). Coauthors: T.J. Naibert and M. Heizler.

Magnetostratigraphy of the uppermost Triassic/lowest Jurassic Moenave Formation western USA, and Correlations with strata from the eastern USA, Morocco, and United Kingdom, *Bulletin of the Geological Society of America*, v. 122, pp. 2005-2019 (2010). Coauthors: L.L. Donohoo-Hurley and S.G. Lucas.

### **Gutzler, David**

Climate variability and projected change in the western United States: Regional downscaling and drought statistics, *Climate Dynamics*, (2010). Coauthor: T.O. Robbins.

The influence of eastern Pacific tropical cyclone remnants on the Southwestern United States, *Monthly Weather Review*, (2010). Coauthors: E.M. Ritchie, K.M. Wood and S.R. White.

Interannual variability of wildfires and precipitation in the Southwest, *New Mexico Geology*, v. 32, 22-23, p. 29 (2010). Coauthor: L. Van Alst.

### **Jones, Rhian**

Feldspar in type 4-6 ordinary chondrites: A record of metamorphic processing on the H and LL chondrite parent bodies, *Meteoritics and Planetary Science*, v. 45, pp. 246-264 (2010). Coauthor: H.A. Kovach.

### **Karlstrom, Karl E.**

Timing and mechanisms of basement uplift and exhumation in the Colorado Plateau? Basin and Range transition zone, Virgin Mountain anticline, Nevada-Arizona, (in P.J. Umhoefer, L.S. Beard, and M.A. Lamb, eds.), *Miocene Tectonics of the Lake Mead Region, Central Basin and Range, Geological Society of America*, Special Paper 463, pp. 311-329, (2010). Coauthors: M.C. Quigley, S. Kelley, and M. Heizler.

Structure and  $^{40}\text{Ar}/^{39}\text{Ar}$  K-feldspar thermal history of the Gold Butte block: Reevaluation of the tilted crustal section model, (in P.J. Umhoefer, L.S. Beard and M.A. Lamb, eds.), *Miocene Tectonics of the Lake Mead Region, Central Basin and Range, Geological Society of America*, Special Paper 463, pp. 331-352 (2010). Coauthors: M. Heizler and M.C. Quigley.

Archean detrital zircons in the Proterozoic Vishnu Schist of the Grand Canyon, Arizona: Implications for crustal, architecture and Nuna reconstructions, *Geology*, v. 38. pp. 1099-1102 (2010). Coauthors: O.P. Shufeldt, G.E. Gehrels, and K. Howard.

Studies of Informal Geologic Time Learning at the "Trail of Time" in Grand Canyon National Park, *Informal Learning Review* (2010). Coauthors: S. Semken, J. Dodick, R. Frus, D. Perry, M. Wells, J. Bryan, M. Williams, R. Crow, and L.J. Crossey.

Late Cenozoic evolution of the Colorado Rockies: Evidence for Neogene uplift and drainage integration, (in L.A. Morgan and S.L. Quane, eds.), *Through the Generations, Geologic and Anthropogenic Field Excursions in the Rocky Mountains from Modern to Ancient, Geological Society of America*, Field Guide 18, pp. 21-54, (2010). Coauthors: A. Aslan, L.J. Crossey, S. Kelley, R. Cole, G. Lazear and A. Darling.

### **Kues, Barry**

Gallery of Geology, Correlation of Devonian units in New Mexico, *New Mexico Geology*, v. 32, pp. 96-97 (reprint with revisions, 2010).

President's Message, Geology of the Four Corners Country, *New Mexico Geological Society, Field Conference Guidebook*, 61, p. viii (2010). Editors: J.E. Fassett, K.E. Zeigler, and V.W. Lueth.

President's Message, *New Mexico Geological Society Newsletter*, v. 13, no. 1, pp. 1-6 (2010).

**McFadden, Leslie D.**

Atmospheric CO<sub>2</sub> concentrations during ancient greenhouse climates were similar to those predicted for A.D. 2100, *Proceedings of the National Academy of Sciences*, (2010). Coauthors: D. Breecker and Z. Sharp.

Cracks in desert pavement rocks: further insights into mechanical weathering by directional insolation, *Geomorphology*, v. 123, pp. 97-108 (2010). Coauthors: M. Eppes, K. Wegmann and L. Scuderi.

**Meyer, Grant**

Historical channel narrowing along the Rio Grande near Albuquerque, New Mexico in response to peak discharge reductions and engineering: magnitude and uncertainty of change from air photo measurements, *Earth Surface Processes and Landforms*, (2010). Coauthors: B.J. Swanson and J.E. Coonrod.

Coupling of hydrologic/hydraulic models and aerial photographs through time, Rio Grande near Albuquerque, New Mexico," *US Army Corps of Engineers Coastal and Hydraulics Laboratory Report ERDC/CHL CR-10-2*, p. 43 (2010). Coauthors: B.N. Swanson and J.C. Coonrod.

The Holocene record of fire and erosion in the southern Sacramento Mountains and its relation to climate, *New Mexico Geology*, v. 32(1), pp. 19-21 (2010). Coauthor: J.D. Frechette.

Evidence for debris flow and shallow subsurface flow on Mars, *Icarus*, v. 205, pp. 103-112 (2010). Coauthors: N.L. Lanza, C. Okubo, H.E. Newsom and R.C. Wiens.

**Pun, Aurora**

How Does Earth Work?, *Physical Geology and the Process of Science*, Prentice Hall, 599 pp. (2010). Coauthor: G.A. Smith.

Investigating How Earth Works, *Physical Geology Lab Manual*, p. 159 (2010). Coauthor: G.A. Smith.

**Rietmeijer, Frans J.M.**

Deep metastable eutectic nanometer-scale particles in the MgO-Al<sub>2</sub>O<sub>3</sub>-SiO<sub>2</sub> system, *Journal Nanoparticle Res.*, (2010). Coauthor: J.A. Nuth III.

Fe-Ni-S Compositions after background correction: An ongoing study of the properties of Wild 2 smallest sulfide grains in quenched superheated aerogel, *Lunar and Planetary Science XXXI*, (2010) CD-ROM #1239, Lunar and Planetary Institute, Houston, TX.

**Scuderi, Louis**

Fluvial form in modern continental sedimentary basins: Distributive fluvial systems: REPLY, *Geology*, v. 38, p. 231 (2010). Coauthors: A.J. Hartley, G.S. Weissmann, and G.J. Nichols.

Cracks in desert pavement rocks: Further insights into mechanical weathering by directional insolation, *Geomorphology*, v. 123, pp. 97-108 (2010). Coauthors: M.C. Eppes, L.D. McFadden, and K.W. Wegmann.

Remote Sensing of Playa lakes in western North America: Monitoring lake change resulting from climate variability in semi-arid regions, *Quaternary Research*, v. 73(1), pp. 48-58 (2010). Coauthors: C.K. Laudadio and P.J. Fawcett.

Fluvial form in modern continental sedimentary basins: The Distributive Fluvial System (DFS) Paradigm, *Geology*, v. 38(1), pp. 39-42 (2010). Coauthors: G.S. Weissmann, A.J. Hartley, G. Nichols, M. Olson, H. Buehler, and R. Banteah.

Hydrological and climatic changes in deserts of China since the Late Pleistocene, *Quaternary Research*, v. 73(1), pp. 1-9 (2010). Coauthor: X. Yang.

### **Sharp, Zachary**

Atmospheric CO<sub>2</sub> concentrations during ancient greenhouse climates were similar to those predicted for A.D. 2100, *Proceedings of the National Academy of Science*, v. 107, pp. 576-580 (2010). Coauthors: D. Breecker and L.D. McFadden.

Sulfur isotope fractionation during the May 2003 eruption of Anatahan volcano, Mariana Islands: Implications for sulfur sources and plume processes, *Geochimica et Cosmochimica Acta*, v. 74, pp. 5382-5397 (2010). Coauthors: J.M. deMoor, T.P. Fischer, E. Hauri, D.R. Hilton, and V. Atudorei.

A laser fluorination method for oxygen isotope analysis of biogenic silica and a new oxygen isotope calibration of modern diatoms in freshwater environments, *Geochimica et Cosmochimica Acta*, v. 74, pp. 1381-1390 (2010). Coauthor: J.P. Dodd.

Stable isotope-labeled excipients for drug product identification and counterfeit detection, *Drug Development and Industrial Pharmacy*, v. 37, pp. 88-92 (2010). Coauthors: L.A. Felton, P.P. Shah, V. Atudorei, and G.S. Timmins.

Nitrogen sources and recycling at subduction zones: Insights from the Izu-Bonin-Mariana arc, *Geochemistry, Geophysics, Geosystems*, 11, (2010). Coauthors: E.C. Mitchell, T.P. Fischer, D.R. Hilton, I.E.H. Haur, A.M. Shaw, J.M. de Moor, and K. Kazahaya.

An experimental determination of chlorine isotope fractionation in acid systems and applications to volcanic fumaroles, *Geochimica et Cosmochimica Acta*, v. 74, pp. 264-273 (2010a). Coauthors: J.D. Barnes, T.P. Fischer, and M. Halick.

The Chlorine Isotope Composition of the Moon and implications for an anhydrous mantle, *Science*, v. 329, pp. 1050-1053 (2010b). Coauthors: C.K. Shearer, K.D. McKeegan, J.D. Barnes, and Y.Q. Wang.

Non-basaltic asteroidal magmatism during the earliest stages of solar system evolution. A view from Antarctic achondrites Graves Nunatak 06128 and 06129, *Geochimica et Cosmochimica Acta*, v. 74, pp. 1172-1199 (2010). Coauthors: C. Shearer, P. Burger, C. Neal, L. Spivak-Birndorf, L. Borg, V. Fernandes, J. Papike, J. Karner, M. Wadhwa, A.J.S. Gaffney, J.W. Geissman, V. Atudorei, C. Herd, B. Weiss, P. King, S. Crowther, and S. Gilmour.

**Weissmann, Gary**

Fluvial form in modern continental sedimentary basins: the distributive fluvial system (DFS) paradigm, *Geology*, v. 38, pp. 39-42 (2010). Coauthors: A.J. Hartley, G.J. Nichols, L.A. Scuderi, M. Olson, H. Buehler, and R. Banteah.

Distributive fluvial systems: Characteristics, distribution, and controls on development, *Journal of Sedimentary Research*, v. 79, pp. 167-183 (2010). Coauthors: A.J. Hartley, G.J. Nichols, and G.L. Warwick.

Heterogeneity effects on river loss within a transition probability framework, *Water Resources Research*, v. 46 (2010). Coauthors: N.B. Engdahl and E.T. Vogler.

Stratigraphic record of drainage basin stream capture and piracy in fluvial fan deposits at the Lawrence Livermore National Laboratory, in the Livermore Basin, California, USA, *Geomorphology*, v. 115, pp. 267-277 (2010). Coauthors: L.R. Mikesell and J.A. Karachewski.

Anisotropic transport rates in heterogeneous porous media, *Water Resources Research*, v. 46, (2010). Coauthor: N.B. Engdahl.

Fluvial form in modern continental sedimentary basins: Distributive fluvial systems: REPLY, *Geology*, (2010). Coauthors: A.J. Hartley, G.J. Nichols and L.A. Scuderi.



## ECONOMICS

### **Berrens, Robert**

Broadbent, C., J. Grandy and R. Berrens. 2010. Testing for Hypothetical Bias in a Choice Experiment Using a Local Public Good: Valuing Bosque Restoration, *International Journal of Ecological Economics and Statistics*, Vol. 19:1-19.

Price, J., D. McCollum and R. Berrens. 2010. Insect Infestation and Residential Property Values: An Hedonic Analysis of the Mountain Pine Beetle Epidemic. *Forest Policy and Economics*, 12(6):415-422.

Shaw, W.D., T. Grijalva and R. Berrens. 2010. Species Preservation versus Development: Experimental Investigation under Uncertainty. Pp. 202-245. In: von Haefen, R., *Western Regional Research Publication (USDA) W-2133, Benefits and Costs of Resource Policies Affecting Public and Private Land. Twenty-Second Interim Report, and Proceedings from Annual Meeting*. (February 24-26, 2010), Tuscon, AZ.

Price, J., D. McCollum and R. Berrens. 2010. Insect Infestation and Residential Property Values: An Hedonic Analysis of the Mountain Pine Beetle Epidemic. *Forest Policy and Economics*, 12(6):415-422.

### **Bohara, Alok**

Chary, Swaroop and Alok K. Bohara, Carbon Emissions, Energy Consumption, and Income in SAARC countries, *South Asia Economic Journal*, II:1, 2010: 21-30.

Review: Katuwal, Hari and Alok K. Bohara, Coping with Poor Water Supplies: Empirical Evidence from Kathmandu, Nepal, *Journal of Water and Health*, March 2010.

### **Brookshire, David**

The AGWA-KINEROS2 suite of modeling tools in the context of watershed services valuation. *Proceedings of the 2nd Joint Federal Interagency Conference*, Las Vegas, NV, June 27 - July 1, 2010, 12 p. Goodrich, D.C., Unkrich, C.L., Smith, R.E., Woolhiser, D.A., Guertin, D.P., Hernandez, M., Burns, S., Massart, J., Levick, L., Miller, S., Semmens, D., Keefer, T., Kepner, W., Nearing, M., Heilman, P., Wei, H., Paige, G., Schaffner, M., Yatheendradas, S., Gupta, H., Wagener, T., Troch, P., Brookshire, D., Guber, A.K., Pachepsky, Y.A., Boyd, J.

### **Chermak, Janie**

Thacher, J.A., J. M. Chermak, K.M. Grimsrud, K. Krause, and J. I. Price, 2010. Invasive Alien Weeds and Western Cattle Ranching: Lessons Learned from Yellow Starthistle in New Mexico, *Western Economic Forum*. 9(1): 19-26.

**Fontenla, Matias**

Izón, Germán M., Michael Hand, Matías Fontenla, and Robert P. Berrens (2010), The Economic Value of Protecting Inventoried Roadless Areas: A Spatial Hedonic Price Study in New Mexico, *Contemporary Economic Policy, Western Economic Association International*, vol. 28(4), pp. 537-553.

Fontenla, Matías, Raul Bianciotti and Shaun Haines (2010), Microfinance Repayment Rates: Evidence from Grameen Argentina, in A. Lopez Feldman and R. Vallejo (eds.) *Perspectivas Sobre la Economía del Desarrollo, Colección Economía y Finanzas*, Universidad de Guanajuato.

**Grimsrud, Kristine**

Nepal, M., A. Nepal, and K. Grimsrud, 2010. Unbelievable but Improved Cookstoves are not Helpful in Reducing Firewood Demand in Nepal, *Environment and Development Economics*, Cambridge University Press.

Thacher, J.A., J. M. Chermak, K.M. Grimsrud, K. Krause, and J. I. Price, 2010. Invasive Alien Weeds and Western Cattle Ranching: Lessons Learned from Yellow Starthistle in New Mexico, *Western Economic Forum*. 9(1): 19-26.

**Horn, Brady**

Collins, P.A., J.A. Cooper, B.P. Horn, M.K. Stohr, A.W., L. Bostaph, and E.T. Baker, 2010, The Cost of Substance Abuse: The Use of Administrative Data to Investigate Treatment Benefits in a Rural Mountain State, *Western Criminology Review*, 11(3): 13-28.

**Krause, Kate**

Jennifer A. Thacher, Janie M. Chermak, Kristine M. Grimsrud, Kate Krause and James I. Price. Invasive Alien Weeds and Western Cattle Ranching: Lessons Learned from Yellow Starthistle in New Mexico. *Western Economics Forum*, vol. IX(1), Spring 2010.

**Thacher, Jennifer**

M. Weber, V. Tidwell, J. Thacher (2010). Interactive Physical and Economic Model for Exploring Riparian Restoration Options: Application to the Middle Rio Grande. *Environmental Modelling & Software*. 25: 1825-1836.

J. Thacher, J. Chermak, K. Grimsrud, K. Krause, J. Price (2010). Invasive Alien Weeds and Western Cattle Ranching: Lessons Learned from Yellow Starthistle in New Mexico. *Western Economic Forum*. 9 (1): 19-26.

## FOREIGN LANGUAGES AND LITERATURES

### **Brau, Lori**

"*Oishinbo's* Adventures in Eating: Food, Communication and Culture in Japanese Comics." In Toni Johnson-Woods, Ed, *Manga: An Anthology of Global and Cultural Perspectives*. New York and London: Continuum Books, 2010.

### **Cheek, Pamela**

"Review Essay: The Challenges of Representing Islands." *Eighteenth-Century Life*. 34:3. (Fall 2010), 88-93.

### **Cyrino, Monica S.**

*Aphrodite*. (2010). London and New York: Routledge.

"To Love and Toulouse: The Orpheus and Eurydice Theme in Marcel Camus' *Black Orpheus* (1959) and Baz Luhrmann's *Moulin Rouge* (2001)." *Classical and Modern Literature* 28.1 (2010): 129-48.

"Fortune Favors the Blond: Colin Farrell in *Alexander*." In *Responses to Oliver Stone's Alexander: Film, History and Cultural Studies*. (2010). Paul Cartledge and Fiona Rose Greenland, editors. Madison: University of Wisconsin Press, 168-182.

"Classical Tradition: Film and Television." In the *Oxford Encyclopedia of Ancient Greece and Rome*. (2010). Michael Gagarin, editor. Oxford and New York: Oxford University Press, 214-220.

### **Nocentelli, Carmen**

"Spice Race: *The Island Princess* and the Politics of Transnational Appropriation." *Publications of the Modern Language Association (PMLA)* 125.3 (2010): 172-88.

## GEOGRAPHY

### **Benson, Melinda Harm**

Benson, M.H. 2010. Regional initiatives: Scaling the climate response and responding to conceptions of scale. *Annals of the Association of American Geographers*, 100: 1025-1035.

Benson, M.H. 2010. Adaptive management approaches by resource management agencies in the United States: Implications for energy development in the Interior West. *Journal of Energy & Natural Resources Law*, 28(1): 87-118.

Benson, M.H. 2010. Legislative reallocation: How compliance with federal legislative initiatives including the Endangered Species Act results in the redistribution of water resources. *Journal of Contemporary Water Research and Education*, 144: 1-7.

Benson, M.H. 2010. Resource policy, adaptive management and energy development on public lands. In *Energy Development & Wildlife Conservation in Western North America*. David Naugle, ed. Island Press: Washington, D.C.

Benson, M.H. 2010. Breakthrough: From the death of environmentalism to the politics of possibility. *Professional Geographer*, 62 (1): 146-147.

### **Carr, John N.**

Carr, J. 2010. Skating around the edges of the law: Urban skateboarding and the role of law in determining young peoples' place in the city. *Urban Geography*, 31 (7), 988-1003 (Legal Geographies series).

Carr, J. 2010. Seattle, skateboarding, and public space: The playground vs. the clubhouse. In: M. Brown (Ed.) *Seattle Geographies*. University of Washington Press, Seattle, WA.

### **Cullen, Bradley T.**

Bradley T. Cullen. 2010. Investor-owned electricity companies: Factors influencing profitability. *Papers of the Applied Geography Conferences*, 33: 137-146.

### **Duvall, Chris S.**

Duvall, C.S, P. Howard, and K. Goldsberry. 2010. Apples and oranges? Classifying food retailers based on fresh produce availability in a Midwestern U.S. city. *Journal of Hunger and Environmental Nutrition*, 5(4): 526-541.

Goldsberry, K., C.S. Duvall, P. Howard, and J. Stevens. 2010. Visualizing nutritional terrain: A geospatial analysis of pedestrian produce access in Lansing, Michigan, USA. *Geocarto International*, 25(6): 485-499.

Duvall, C.S. 2010. Landscape and wildlife conservation. In *The Encyclopedia of Geography* (B.Warf, ed.): 1696-1698. Sage Publications, London, UK.

Duvall, C.S. 2010. Agroforestry. In: *The Encyclopedia of Geography* (B.Warf,ed.): 60-62. Sage Publications, London, UK.

Duvall, C.S. 2010. Review of *In the Shadow of Slavery: Africa's Botanical Legacy in the Atlantic World*, by Judith A. Carney and Richard Nicholas Rosomoff. *The Geographical Review*, 100(4): 607-609.

**Lane, K. Maria D.**

Lane, K. Maria D. 2010. Review of Douglas R. Littlefield, *Conflict on the Rio Grande: Water and the Law, 1879-1939* (Norman: University of Oklahoma, 2008) in *Journal of Historical Geography*, 36: 496-497.

Lane, K. Maria D. .2010. Review of Joseph P. Sánchez, *Between Two Rivers: The Atrisco Land Grant in Albuquerque History, 1692-1968* (Albuquerque: University of New Mexico Press, 2008) in *Journal of Historical Geography* 36: 114-115.

**Zandbergen, Paul A.**

Zandbergen, P.A. and D.A. Ignizio. 2010. Comparison of dasymetric mapping techniques for small area population estimates. *Cartography and Geographic Information Science*, 37(3): 199-214.

Zandbergen, P.A. 2010. Accuracy considerations in the analysis of depressions in medium resolution lidar DEMs. *GIScience and Remote Sensing*, 47(2): 187-207.

Zandbergen, P.A., J. Levenson, and T.C. Hart. 2010. Residential proximity to schools and daycares: An empirical analysis of sex offense recidivism. *Criminal Justice Behavior*, 37(5): 482-502.

Zandbergen, P.A. 2010. Methodologic issues in using land cover data to characterize living environments of geocoded addresses. *Environmental Health Perspectives*, 118(3): A108.

Jennings, P.D., P.A. Zandbergen and M.L. Martens. 2010. An institutional view of process strategy in the public sector. In: P. Mazzola and F.W. Kellermans (Eds.), *Handbook of Research on Strategy Process*. Chapter 22, pp. 492-518. Edward Elgar Publishing, Cheltenham, UK.

## HISTORY

### **Ball, Durwood**

"Colonel Edwin V. Summer and the Topeka Dispersal," *Kansas History: A Journal of the Central Plains* 33, no. 3 (Autumn 2010): 164-183.

### **Cahill, Cathleen**

Review of *White Mother to a Dark Race: Settler Colonialism, Maternalism, and the Removal of Indigenous Children in the American West and Australia, 1880-1940*, by Margaret D. Jacobs. In *Western Historical Quarterly*, Vol. 41, No. 4, Winter 2010 pp. 497-498.

### **Ferguson, Eliza Earle**

*Gender and Justice: Violence, Intimacy, and Community in Fin-de-Siècle Paris*. Baltimore, MD: The Johns Hopkins University Press, 2010.

### **Graham, Timothy**

"William Elstob's Planned Edition of the Anglo-Saxon Laws: A Remnant in the Takamiya Collection," *Poetica*, 73: 109-41.

"Manuscript Studies," *Oxford Dictionary of the Middle Ages*, ed. Robert E. Bjork, vol. 3, 1081-10833.

Review of *M. B. Parkes, Their Hands before Our Eyes: A Closer Look at Scribes* (Aldershot, UK: Ashgate, 2008), in *Speculum* 85: 448-450.

Review of *Michelle P. Brown, Manuscripts from the Anglo-Saxon Age* (Toronto: University of Toronto Press, 2007), in *Journal of English and Germanic Philology* 109: 108-110.

### **Reyes, Bárbara O.**

"¡Detengan a esa mujer! Etnia, raza y género en las Californias de la época colonial." *Meyibó*, Num. 2, Nueva Época, Julio-Diciembre, 2010, Universidad Autónoma de Baja California, Instituto de Investigaciones Históricas, Tijuana, Baja California, México.

### **Scharff, Virginia**

*The Women Jefferson Loved*. HarperCollins, November, 2010 (New York Times "Editors' Choice").

*Home Lands: How Women Made the West*. Co-authored with Carolyn Brucken, University of California Press, 2010.

"Searching for Tamsen Donner," *Reviews in American History*, December 2010.

"Where the Sea Used to Be," *Environmental History*, Spring 2010.

“Home Lands: How Women Made the West,” Co-curator, museum exhibit, sponsored by the Autry National Center. April, 2010-2011 to Missouri History Museum, St. Louis, Missouri; Gilcrease Museum, Tulsa, Oklahoma; New Mexico History Museum, Santa Fe, New Mexico.

## MATHEMATICS AND STATISTICS

### **Blair, Matthew**

Strichartz Estimates for the Schrödinger Equation on Polygonal Domains. Matthew D. Blair, G. Austin Ford, Sebastian Herr and Jeremy L. Marzuola. *The Journal of Geometric Analysis*, 2010.

### **Boyer, Charles**

On Sasaki-Einstein Manifolds in Dimension Five, with M. Nakamaye, *Geometriae Dedicata* 144 (2010), 141-156.

Sasakian Geometry, Holonomy, and Supersymmetry, with K. Galicki, Chapter 3 in *The Handbook of pseudo-Riemannian Geometry and Supersymmetry*, European Mathematical Society (EMS), *IRMA Lectures in Mathematics and Theoretical Physics* 16, V. Cortes, Editor, pp. 39-83 (2010).

### **Buium, Alexandru**

A. Buium and S. Simanca, Arithmetic partial differential equations I, *Advances in Math* 225 (2010), 689-793.

A. Buium and S. Simanca, Arithmetic partial differential equations II, *Advances in Math* 225 (2010), 1308-1340.

### **Coutsias, Evangelos**

Protein loop modeling by using fragment assembly and analytical loop closure, Julian Lee, Lee Dongseon, Park Hahnbeom, Evangelos A. Coutsias and Chaok Seok, *PROTEINS: Structure, Function, and Bioinformatics*, 78(16), pp. 3428-3436, Dec. 2010.

Topology of Cyclooctane Energy Landscape, Shawn Martin, Aidan Thompson, Evangelos A. Coutsias and Jean-Paul Watson, *Journal of Chemical Physics* 132(23), June 2010.

### **Ellison, James**

G. Bassi, J.A. Ellison, K. Heinemann, R. Warnock, Transformation of phase space densities under the coordinate changes of accelerator physics, *Phys. Rev. ST Accel. Beams*, 13, 104403 (2010).

### **Huerta, Gabriel**

Jackson, C.S., Sen, M.K., P.L. Stoffa and Huerta, G. (2010). Data Directed Importance Sampling for Climate Model Parameter Uncertainty Estimation. In *Advanced Computational Infrastructures for Parallel and Distributed Adaptive Applications*, (Eds: M. Parashar, X. Li and S. Chandra). John Wiley and Sons, pp. 65-78.



**Kitchen, Richard**

Kitchen, R.S. and Silver, E. (Editors) (2010). *Assessing English Language Learners in Mathematics* [A Research Monograph of TODOS:Mathematics for All]. Washington, DC: National Education Association.

Kitchen, R.S., Burr, L., and Castellón, L.B. (2010). Cultivating a culturally affirming and empowering learning environment for Latino/a youth through formative assessment. In R.S. Kitchen, and E. Silver (Editors), *Assessing English Language Learners in Mathematics* [A Research Monograph of TODOS:Mathematics for All], 2, 2, 59-82. Washington, DC: National Education Association.

**Loring, Terry**

Matthew B. Hastings and Terry A. Loring. Almost commuting matrices, localized Wannier functions, and the quantum Hall effect. *Journal of Mathematical Physics*, 51, no. 1 (2010) 015214.

Terry A. Loring. C\*-algebra relations. *Mathematica Scandinavica*, 107 no. 1 (2010), 43-72.

Terry A. Loring and Matthew B. Hastings. Disordered topological insulators via C\*-algebras. *Europhysics Letters* 92 (2010) 67004.

**Lushnikov, Pavel**

P.M. Lushnikov and N. Vladimirova. Non-Gaussian Statistics of Multiple Filamentation. *Optics Letters* v. 35, 1965-1967 (2010).

P.M. Lushnikov. Collapse and stable self-trapping for Bose-Einstein condensates with  $1/r^b$  type attractive interatomic interaction potential. *Physical Review A*, v. 82, 023615 (2010).

P.M. Lushnikov. Critical chemotactic collapse. *Physics Letters A*, v. 374, 1678-1685 (2010).

**Nakamaye, Michael**

On Sasaki-Einstein Manifolds in Dimension Five, with M. Nakamaye, *Geometriae Dedicata* 144 (2010), 141-156.

**Nitsche, Monika**

Nitsche, M., Weidman, P. D., Grimshaw, R., Ghrist, M. and Fornberg, B. Evolution of solitary waves in a two-pycnocline system, *J. Fluid Mech.* 642, pp. 235-277, 2010.

Ceniceros, H., Karniala, A. and Nitsche, M. On the accurate computation of the motion of drops in axisymmetric Stokes flow, *J. Comp. Physics* 229 (18), pp. 6318-6342, 2010.

**Simanca, Santiago**

A. Buium and S. Simanca, Arithmetic partial differential equations I, *Advances in Math* 225 (2010), 689-793

A. Buium and S. Simanca, Arithmetic partial differential equations II, *Advances in Math* 225 (2010), 1308-1340.

**Sulsky, Deborah**

Gad Levy, Max Coon, Giang Nguyen and Deborah Sulsky, Physically-Based Data Assimilation, *Geosci. Model Dev.*, 3:669-677 (2010).

Ron Kwok and Deborah Sulsky, Arctic Ocean sea ice thickness and kinematics: Satellite observations and modeling, *Oceanography*, 23(4):84-93 (2010).

**Vassilev, Dimiter**

Quaternionic contact manifolds with a closed fundamental 4-form, with St. Ivanov, *Bull. London Math. Soc.* (2010) 42 (6), 1021-1030.

Conformal paracontact curvature and the local flatness theorem, with St. Ivanov and S. Zamkovoy, *Geom. Dedicata*, 144 (2010), no.1, 79-100.

Conformal quaternionic contact curvature and the local sphere theorem, with St. Ivanov, *J. Math. Pure Appl.* 93 (2010), 277-307.

Extremals for the Sobolev inequality on the seven dimensional quaternionic Heisenberg group and the quaternionic contact Yamabe problem, with St. Ivanov and I. Minchev, *J. Eur. Math. Soc. (JEMS)* 12 (2010), no. 4, 1041-1067.

**Vassilev, Janet**

Fouli, Louiza; Vassilev, Janet C. The cl-core of an ideal. *Math. Proc. Cambridge Philos. Soc.* 149 (2010), no. 2, 247-262.

## PHILOSOPHY

### **Becker, Kelly**

Review of Quentin Smith, ed. *New Essays in Epistemology*, *Mind*, April, 2010, pp. 526-530.

### **Domski, Mary**

Edited with Michael Dickson. *Discourse on a New Method: Reinvigorating the Marriage of History and Philosophy of Science*. Open Court Press, September 2010.

With Michael Dickson. "Discourse on a New Method, Or a Manifesto for a Synthetic Approach to History and Philosophy of Science." In *Discourse on a New Method* (Open Court, 2010), edited by Mary Domski and Michael Dickson, pp. 1-20.

"Newton as Historically-Minded Philosopher." In *Discourse on a New Method* (Open Court, 2010), edited by Mary Domski and Michael Dickson, pp. 65-89.

Review of D. Garber and B. Longuenesse (eds.), *Kant and the Early Moderns* (Princeton University Press, 2008). *Mind* (April 2010), 119 (474): 478-481.

"Kant on the Imagination and Geometrical Certainty." *Perspectives on Science* (Dec 2010), 18/4: pp. 409-431.

"Newton's Empiricism and Metaphysics." *Philosophy Compass* (July 2010) 5/7: 525-534.

### **Goodman, Russell**

"Emerson and Skepticism: A Reading of Friendship," in *Emerson and Thoreau: Figures of Friendship*, ed. John T. Lysaker and William Rossi, Bloomington: Indiana University Press, 2010, pp. 70-85.

"Paths of Coherence in Emerson's Philosophy: The Case of 'Nominalist and Realist'," in *The Other Emerson: New Approaches, Divergent Paths*, ed. Branka Arsic and Carey Wolfe, Minneapolis: University of Minnesota Press, 2010, pp. 41-58.

### **Hayes, Richard**

Madhyamaka, *The Stanford Encyclopedia of Philosophy*, Winter 2010 Edition, Edward N. Zalta (ed.)

Hayes, Richard P. Jan Westerhoff, *Nāgārjuna's Madhyamaka: A Philosophical Introduction*. *Journal of the American Oriental Society*, 130, no. 3 (2010): 494-495.

### **Livingston, Paul**

The Breath of Sense: Language, Structure, and the Paradox of Origin, *Konturen*, vol. 2 (2010), with response and discussion by Samuel Wheeler, [http://konturen.uoregon.edu/vol2\\_Livingston.html](http://konturen.uoregon.edu/vol2_Livingston.html).

Wittgenstein and Turing, *Linguistic and Philosophical Investigations*, 9 (2010), pp. 215-247.

Derrida and Formal Logic: Formalizing the Undecidable, *Derrida Today*, 3:2 (2010), pp. 221-239.

**Iain Thomson**

Rethinking Levinas on Heidegger on Death, *The Harvard Review of Philosophy*, Vol. XVI, May 2010, pp. 23-43.

Heidegger's Aesthetics, in Edward N. Zalta, ed., *Stanford Encyclopedia of Philosophy*, February 2010.

Review of Santiago Zabala, *The Remains of Being: Hermeneutic Ontology after Metaphysics*, *Notre Dame Philosophical Reviews*, October 2010.

## PSYCHOLOGY

### **Bryan, Angela**

Bryan, A.D., Magnan, R.M., Nilsson, R., Marcus, B.H., Tompkins, S.A., and Hutchison, K.E. (2010). The big picture of individual differences in physical activity behavior change: A transdisciplinary approach. *Psychology of Sport and Exercise*, 12, 20-26.

Li, N.P., Smith, A.R., Griskevicius, V., Cason, M.J., and Bryan, A. (2010). Intrasexual competition and eating restriction in heterosexual and homosexual individuals. *Evolution and Human Behavior*, 31, 365-372.

Hendershot, C.M., Magnan, R.M. and Bryan, A.D. (2010). Associations of marijuana use and sex-related marijuana expectancies with HIV/STD risk behavior in high-risk adolescents. *Psychology of Addictive Behaviors*, 24, 404-414.

Jonason, P.K., Bryan, A., and Herrera, J. (2010). Trimming the fat reveals a one factor structure for Hong's Psychological Reactance Scale. *Individual Differences Research*, 8, 220-228.

Carpenter, L., Tompkins, S.A., Schmiede, S.J., Nilsson, R., and Bryan, A. (2010). Affective response to physical activity: Testing for measurement invariance across active and non-active populations. *Measurement and Science in Sports and Exercise*, 14, 1-14.

Broaddus, M.R., Morris, H., and Bryan, A. (2010). 'It's not what you said, it's how you said it': Perceptions of condom proposers by gender and strategy. *Sex Roles*, 62, 603-614.

Schmiede, S.J., Klein, W.M.P., and Bryan, A.D. (2010). The effect of peer comparison information in the context of expert recommendations on risk perceptions and subsequent behavior. *European Journal of Social Psychology*, 40, 746-759.

Kwan, B.M., and Bryan, A.D. (2010). Affective response to exercise as a component of exercise motivation: Self-efficacy, outcome expectations and temporal stability of intentions. *Psychology of Sport and Exercise*, 11, 71-79.

Kwan, B.M., and Bryan, A. (2010). In-task and post-task affective response to exercise: Translating exercise intentions into behavior. *British Journal of Health Psychology*, 15, 115-131.

Broaddus, M.R., and Bryan, A. (2010). Risk taking behavior. In *The Concise Corsini Encyclopedia of Psychology and Behavioral Science, 4th Edition*. I.B. Weinger and W.E. Craighead and (Eds.), pp. 1471-1473.

### **Butler, Karin M.**

Butler, K.M., McDaniel, M.A., McCabe, D.P., and Dornburg, C.C. (2010). The influence of distinctive processing manipulations on older adults' false memory. *Aging, Neuropsychology, and Cognition*, 17(2), 129-159.

**Ciesielski, Kristina T.**

Ciesielski, K.T., Ahlfors, S.P., Bedrick, E.J., Kerwin, A.A., and Hämäläinen, M.S. (2010). Top-down control of MEG alpha-band activity in children performing Categorical N-Back Task. *Neuropsychologia*, 48, 3573-3579.

Ciesielski, K.T., Rowland, L.M., Harris, R.J., Kerwin, A.A., Reeve, A. and Knight, J.E. (2010). Increased anterior brain activation to correct responses on high-conflict Stroop task in obsessive-compulsive disorder. *Clinical Neurophysiology*, 122, 107-113.

**Delaney, Harold D.**

Delaney, H.D. (2010). Partial correlation. In N. J. Salkind (Ed.) *Encyclopedia of Research Design*. Thousand Oaks, CA: SAGE Publications, pp. 1003-1006.

**Erickson, Sarah**

Erickson, S.J., Montague, E., and Gerstle, M. (2010). Health related quality of life in children with moderate to severe traumatic brain injuries. *Developmental Neurorehabilitation*, 13, (3), 175-181.

Lowe, J.R., Erickson, S.J., Maclean, P., and Montague, E. (2010). Cognitive correlates in toddlers born very low birth weight and full-term. *Infant Behavior and Development*, 33, 629-634.

**Gangestad, Steven W.**

Lieberman, D., and Gangestad, S.W. (2010). Evolution and human behavior. In D.F. Westneat and C.W. Fox (Eds.), *Evolutionary Behavioral Ecology*. New York: Oxford University Press.

Gangestad, S.W. (2010). Evolutionary biology looks at behavior genetics. *Personality and Individual Differences*, 49, 289-295.

Simpson, J.A., and Gangestad, S.W. (2010). Sociosexual orientation inventory. In T.D. Fisher, C.M. Davis, W.L. Yarber, and S.L. Davis (Eds.), *Handbook of Sexuality-Related Measures*, 3rd ed. (pp. 625-627). London, UK: Routledge.

Gangestad, S.W. (2010). Evolutionary processes explaining the genetic variation in personality: An exploration of scenarios. In D.M. Buss and P. Hawley (Eds.), *The Evolution of Personality and Individual Differences*. New York: Oxford University Press.

Gangestad, S.W., Thornhill, R., and Garver-Apgar, C.E. (2010). Fertility in the cycle predicts women's interest in sexual opportunism. *Evolution and Human Behavior*, 31, 400-411.

Gangestad, S.W., Thornhill, R., and Garver-Apgar, C.E. (2010). Men's facial masculinity predicts changes in their female partners' sexual interests across the cycle, whereas men's intelligence does not. *Evolution and Human Behavior*, 31, 412-424.

Gangestad, S.W., Merriman, L.A., and Emery Thompson, M. (2010). Men's oxidative stress, fluctuating asymmetry, and physical attractiveness. *Animal Behavior*, 80, 1005-1013.

**Goldsmith, Timothy E.**

Trumppower, D.L., Sharara, H., and Goldsmith, T.E. (2010). Specificity of structural assessment of knowledge. *Journal of Technology, Learning, and Assessment*, 8 (5), 1-33.

**Hamilton, Derek A.**

Savage, D.D., Rosenberg, M.J., Wolff, C.R., Akers, K.G., El-Emawy, A., Staples, M.C., Varaschin, R.K., Wright, C.A., Seidel, J.L., Caldwell, K.K., and Hamilton, D.A. (2010). Effects of a novel cognition-enhancing agent on fetal ethanol-induced learning deficits. *Alcoholism: Clinical and Experimental Research*, 34, 1793-1802.

Hamilton, D.A., Candelaria-Cook, F.T., Akers, K.G., Rice, J.P., Maes, L.I., Rosenberg, M., Valenzuela, C.F., and Savage, D.D. (2010). Patterns of social-experience-related c-fos and Arc expression in the frontal cortices of rats exposed to saccharin or moderate levels of ethanol during prenatal brain development. *Behavioural Brain Research*, 214, 66-74.

Varaschin, R.K., Rosenberg, M.J., Akers, K.G., Hamilton, D.A., and Savage, D.D. (2010). Effects of the cognition-enhancing agent ABT-239 on fetal ethanol-induced deficits in dentate gyrus synaptic plasticity. *Journal of Pharmacology and Experimental Therapeutics*, 334, 191-198.

Barkas, L.J., Henderson, J.L., Hamilton, D.A., Redhead, E.S., and Gray, W.P. (2010). Selective temporal resections and spatial memory impairments: Cue dependent lateralization effects. *Behavioural Brain Research*, 208, 535-544.

Hamilton, D.A., Akers, K.G., Rice, J.P., Johnson, T.E., Candelaria-Cook, F.T., Maes, L.I., Rosenberg, M., Valenzuela, C.F., and Savage, D.D. (2010). Prenatal exposure to moderate levels of ethanol alters social behavior in adult rats: Relationship to structural plasticity and immediate early gene expression in frontal cortex. *Behavioural Brain Research*, 207, 290-304.

**Hutchison, Kent**

Liu, J., Hutchison, K.E., Perrone-Bizzozero, N., Morgan, M., Sui, J., Calhoun, V. (2010). *Identification of Genetic and Epigenetic Marks Involved in Population Structure*. PLoS One.

Ray, L.A., Hutchison, K.E. (2010). Molecular genetics and the treatment of addiction. In B. Johnson (Ed.). *Addiction Medicine: Science and Practice*. Springer.

Ray, L.A., Hutchison, K.E., Tartter, M. (2010). Application of Human Laboratory Models to Pharmacotherapy Development for Alcohol Dependence. *Current Pharmaceutical Design*, 16 (19), 2149-2158.

Hutchison, K.E. (2010). Substance use disorders: Realizing the promise of pharmacogenomics and personalized medicine. *Annual Review of Clinical Psychology*, 6, 577-589.

Sher, K.J., Dick, D.M., Crabbe, J.C., Hutchison, K.E., O'Malley, S.S., and Heath, A.C. (2010). Consilient research approaches in studying gene X environment interactions in alcohol research. *Addiction Biology*, 15 (2), 200-216.

Feldstein, S.W., Filbey, F.M., Chandler, L.D., and Hutchison, K.E. (2010). Exploring the relationship between depressive and anxiety symptoms and neuronal response to alcohol cues. *Alcoholism: Clinical and Experimental Research*, 34, 1-8.

Filbey, F.M., Schacht, J.P., Myers, U.S., Chavez, R.S., and Hutchison, K.E. (2010). Individual and additive effects of the CNR1 and FAAH genes on brain response to marijuana cues. *Neuropsychopharmacology*, 35 (4), 967-975.

### **Kiehl, Kent**

Harenski, C.L., Antonenko, O., Shane, M.S., and Kiehl, K.A. (2010). A functional imaging investigation of moral deliberation and moral intuition. *Neuroimage*, 49, 2707-2716.

Arja, S.K., Feng, Z., Chen, Z., Caprihan, A., Kiehl, K.A., Adali, T., and Calhoun, V.D. (2010). Changes in fMRI magnitude data and phase data observed in block-design and event-related tasks. *Neuroimage*, 49, 3149-3160.

Aikins, D. E., Anticevic, A., Kiehl, K.A., and Krystal, J.H. (2010). Sex-related differences in amygdala activity influences immediate memory. *NeuroReport*, 21(4), 273-276.

Harenski, C.L., and Kiehl, K.A. (2010). Reactive aggression in psychopathy and the role of frustration: Susceptibility, experience, and control. *British Journal of Psychology*, 101, 401-406.

Brody, R. and Kiehl, K.A. (2010). From white-collar crime to red-collar crime. *Journal of Financial Crime*, 17, 351-364.

Sakoglu, U., Pearlson, G. D., Kiehl, K.A., Wang, Y. M., Michael, A. M., and Calhoun, V. D. (2010). A method for evaluating dynamic functional network connectivity and task-modulation: application to schizophrenia. *MAGMA*, 23, 351-66.

Ermer, E. and Kiehl, K.A. (2010). Psychopaths are impaired in social exchange and precautionary reasoning. *Psychological Science*, 21, 1399-1405.

Harenski, C.L., Harenski, K.A., Shane, M.S., and Kiehl, K.A. (2010). Aberrant neural processing of moral violations in criminal psychopaths. *Journal of Abnormal Psychology*, 119, 863-874.

Harenski, C. L., Hare, R.D., and Kiehl, K.A. (2010). Neuroimaging, Genetics, and Psychopathy: Implications for the legal system. *Responsibility and Psychopathy: Interfacing Law, Psychiatry and Philosophy*. L. Malatesti & J McMillan, Ed., Oxford University Press, London, UK.

Kiehl, K.A. and Buckholtz, J.W. (September/October 2010). Inside the Mind of the Psychopath. *Scientific American Mind*, 22-29.

### **McCrary, Barbara**

Ladd, B.O., McCrary, B.S., Manuel, J.K., and Campbell, W. (2010). Improving the quality of reporting alcohol outcome studies: Effects of the CONSORT statement. *Addictive Behaviors*, 35, 660-666.



Hunter Reel, D., McCrady, B.S., Hildebrandt, T., and Epstein, E.E. (2010). The indirect effect of social support for drinking on drinking outcomes: The role of motivation. *Journal of Studies on Alcohol and Drugs*, 71, 930-937.

Cohn, A.M., McCrady, B.S., Epstein, E.E. and Cook, S.M. (2010). Men's avoidance coping and female partner's drinking behavior: A high-risk context for partner violence? *Journal of Family Violence*, 25, 679-687.

McCrady, B.S., and Glynn, L.H. (2010). Addiction. In I.B. Weiner and W.E. Craighead (Eds.), *The Corsini Encyclopedia of Psychology and Behavioral Science*, v. 1, 4th Edition, (pp.24-26). Hoboken, NJ: John Wiley & Sons, Inc.

McCrady, B.S., Ladd, B., Vermont, L., and Steele, J. (2010). Alcohol research methods-interviews. In P.G. Miller, J. Strang, and P.M. Miller (Eds.), *Addiction research method* (pp. 109-125). Oxford, England: Blackwell Publishing.

### **Miller, Geoffrey F.**

Miller, G.F. (2010). *Spent: Sex, Evolution, and Consumer Behavior*. New York: Penguin.

Miller, G.F. (2010). *Must-have: The Hidden Instincts Behind Everything We Buy*. London: Vintage.

Miller, G.F. (2010). Are polygenic mutations and Holocene selective sweeps the only evolutionary-genetic processes left for explaining heritable variation in human psychological traits? In D.M. Buss and P. H. Hawley (Ed.), *The Evolution of Personality and Individual Differences*. NY: Oxford University Press.

### **Moyers, Theresa B.**

Glynn, L. H., and Moyers, T. B. (2010). Chasing change talk: The clinician's role in evoking client language about change. *Journal of Substance Abuse Treatment*, 39, 65-70.

### **Ruthruff, Eric**

Ruthruff, E., and Pashler, H. (2010). Mental timing and the central attentional bottleneck. In A.C. Nobre and J.T. Coull (Eds.), *Attention and Time*, pp. 123-135, Oxford University Press.

Lien, M.-C., Ruthruff, E., Kouchi, S., and Lachter, J. (2010). Even frequent and expected words are not identified without spatial attention. *Attention, Perception and Psychophysics*, 72, 973-988.

Lien, M.-C., Ruthruff, E., and Cornett, L. (2010). Attentional capture by singletons is contingent on top-down control settings: Evidence from electrophysiological measures. *Visual Cognition*, 18, 682-727.

Maquestiaux, F., Laguë-Beauvais, M., Ruthruff, E., Hartley, A., and Bherer, L., (2010). Learning to bypass the central bottleneck: Declining automaticity with advancing age. *Psychology and Aging*, 25, 177-192.

Lien, M.-C., Ruthruff, E., and Johnston, J.C. (2010). Attention capture with rapidly changing attentional control settings. *Journal of Experimental Psychology: Human Perception and Performance*, 36, 1-16.

**Smith, Bruce W.**

Dalen, J., Smith, B.W., Shelley, B.M., Sloan, A.L., Leahigh, L., and Begay, D. (2010). Mindful eating and living (MEAL): Eating behaviors and psychological outcomes associated with a mindfulness-based intervention for people with obesity. *Complementary Therapies in Medicine*, 18, 260-264.

Hoyt, T., Pasupathi, M., Smith, B.W., Yeater, E.A., Kay, V.S., and Tooley, E. (2010). Disclosure of emotional events in groups at risk for PTSD. *International Journal of Stress Management*, 17, 78-95.

Smith, B.W., Tooley, E.M., Montague, E.Q., Robinson, A.E., and Cosper, C.J. (2010). Traumatic events, perceived stress, and health in women with fibromyalgia and healthy controls. *Stress and Health*, 26, 83-93.

Smith, B.W., Tooley, E.M., Christopher, P.J., and Kay, V.S. (2010). Resilience as the ability to bounce back from stress: A neglected personal resource? *Journal of Positive Psychology*, 5, 166-176.

Smith, B.W., Bernard, J.F., and Ortiz, J.A. (2010). Neuroticism and positive personal characteristics: Test of a two-factor model of their effects on affective health. In F. Columbus (Ed.), *The Psychology of Neuroticism and Shame*. Hauppauge, NY: Nova Science.

**Smith, Jane E.**

Smith, J.E., and Meyers, R.J. (2010). *Community reinforcement and family training (CRAFT) therapist coding manual [Individual session version]*. Bloomington, IL: Lighthouse Institute.

Smith, J.E., and Meyers, R.J. (2010). *Community reinforcement and family training (CRAFT) therapist coding manual [Group version]*. Bloomington, IL: Lighthouse Institute.

Harriger, J.A., Calogero, R.M., Witherington, D.C., and Smith, J.E. (2010). Body size stereotyping and internalization of the thin ideal in preschool girls. *Sex Roles*, 63, 609-620.

Yeater, E.A., Austin, J.L., Green, M.J., and Smith, J.E. (2010). Coping mediates the relationship between posttraumatic stress disorder (PTSD) symptoms and alcohol use in homeless, ethnically diverse women: A preliminary study. *Psychological Trauma: Theory, Research, Practice, and Policy*, 2, 307-310.

**Tang, Akaysha C.**

Akaysha C. Tang, Matthew T. Sutherland, and Zhen Yang (2010). Capturing "Trial-to-Trial" Variations in Human Brain Activity: from Laboratory to Real World. In: Ming-Zhou Ding and Dennis Glanzman (Ed.), *Functional Significance of Neuronal Variability*. Oxford University Press.

Akaysha C. Tang (2010). Applications of Second Order Blind Identification to High-Density EEG-Based Brain Imaging: A Review. *Lecture Notes in Computer Science*. Springer.

**Vigil, Jacob**

Vigil, J.M., and Coulombe, P. (2010). Embodied simulation and the search for meaning are not necessary for facial expression processing. *Behavioral and Brain Sciences*, 33, 461-463.

Vigil, J.M. (2010). Political leanings vary with facial expression processing and psychosocial functioning. *Group Processes & Intergroup Relations*, 13, 547-558.

Vigil, J.M., Geary, D.C., Granger, D.A., and Flinn, M.V. (2010). Sex differences in salivary cortisol, alpha-amylase, and psychological functioning following Hurricane Katrina. *Child Development*, 81, 1228-1240.

**Witherington, David C.**

Harriger, J.A., Calogero, R.M., Witherington, D.C., and Smith, J.E. (2010). Body size stereotyping and internalization of the thin ideal in preschool girls. *Sex Roles*, 63, 609-620.

Witherington, D.C., and Margett, T.E. (2010). The dynamic interplay of theory and method through time. *Human Development*, 53, 160-165.

Witherington, D.C., Campos, J.J., Harriger, J.A., Bryan C., and Margett, T.E. (2010). Emotion and its development in infancy. In G. Bremner and T.D. Wachs (Eds.), *The Wiley-Blackwell handbook of infant development, Vol. 1, Basic Research, 2nd Edition*. Cambridge: Blackwell.

**Yeater, Elizabeth**

Yeater, E.A., Austin, J.L., Stump, M.J., and Smith, J.E. (2010). Coping mediates the relationship between trauma symptoms and alcohol use in homeless, ethnically-diverse women. *Psychological Trauma: Theory, Research, Practice, and Policy*.

Hoyt, T., and Yeater, E.A. (2010). Comparison of PTSD symptom structure models in Hispanic and White college students. *Psychological Trauma: Theory, Research, Practice, and Policy*, 2, 19-30.

Hoyt, T., Pasupathi, M., Smith, B.W., Yeater, E.A., Kay, V.S., and Tooley, E. (2010). Disclosure of emotional events in groups at risk for PTSD. *International Journal of Stress Management*, 17, 78-95.

Yeater, E.A., and Viken, R.J. (2010). Factors affecting women's response choices to dating and social situations. *Journal of Interpersonal Violence*, 25, 1411-1428.

Yeater, E.A., Treat, T.A., Viekn, R.J., and McFall, R.M. (2010). Cognitive processes underlying women's risk judgments: Associations with sexual victimization history and rape myth acceptance. *Journal of Consulting and Clinical Psychology*, 78, 375-386.

**Yeo, Ronald A.**

Mayer, A.R., Ling, J., Mannell, M.V., Gasparovic, C., Phillips, J. P., Doezema, D., Reichard, R., and Yeo, R.A. (2010). A prospective diffusion tensor imaging study in mild traumatic brain injury. *Neurology*, 74, 643-650.

## SPANISH AND PORTUGUESE

### **Cárdenas, Anthony J.**

"*Historia de Enrique Fi de Oliva: Premodern Kitsch?*" *Monographic Review/Revista Monographica*, 25 (2010): 28-44.

Louise M. Haywood, *Sex, Scandal and Sermon in Fourteenth-Century Spain: Juan Ruiz's 'Libro de Buen Amor'*. Palgrave Macmillan, 2008. *Medieval Feminist Forum* 46 (2010): 138-40.

### **Lamadrid, Enrique**

*The Threads of Memory: Spain and the United States / El Hilo de la memoria: España y los Estados Unidos*. Translators Enrique Lamadrid and Jerry Gurulé. Santa Fe: Museum of New Mexico, 2010.

"*Santiago y la Cruz Emplumada / St. James and the Plumed Cross: Indo-Hispano Artefacts of Resistance and Redemption.*" In William Wroth and Robin Gavin, editors, *Converging Streams: Art of the Hispanic and Native American Southwest*. Santa Fe: Museum of New Mexico Press, 2010: 147-155.

"Las dos Lloronas de Santa Fe." In Rosalie C. Otero, A. Gabriel Meléndez, and Enrique R. Lamadrid, editors. *Santa Fe Nativa: A Collection of Nuevomexicano Writing*. Albuquerque: University of New Mexico Press, 2010: 120-128.

"Witness to the Light: the Persistence of Vision, Memory, and Story" Introduction to Andrés Armijo's. *Becoming a Part of my History: Through Images & Stories of my Ancestors*. Albuquerque: LPD Press, Río Grande Books, 2010.

"Conquest, Re-Conquest, De-Conquest: Colonial and De-Colonial Imaginaries along El Camino Real de Tierra Adentro." *Chronicles of the Trail: Quarterly Journal of El Camino Real de Tierra Adentro Trail Association* 6, 1, Winter 2010: 7-15.

"El Rey de Alburquerque - Roberto Martínez and his New Mexican Mariachi: A Transnational Legacy." *Smithsonian Folkways Magazine* (Winter 2010): 1-3.

"Threads of Memory: Kingdoms and Nations in Paper and Ink." With Jerry Gurulé. *El Palacio* (Museum of New Mexico), 115, 3 (Fall 2010): 40-45.

"De la oveja al telar – la historia de los tejidos de los navajo. From Sheep to Loom - the Navajo Weaving Story," Exhibit, Quito, Ecuador, October 2010.

"Rutas en cuerpo y alma: Fotografía Antropológica de Miguel Gandert." Museo de la Universidad de Valladolid, Valladolid, Spain. October 2010. Curator.

"Rituales de la Tierra y del Espíritu: A Tribute to Rudolfo Anaya and *Bless me, Ultima.*" Photographs by Miguel Gandert. Pearle Hall, November 2010. Curator. Catalog and Virtual Exhibit, Audiovisual edited by Enrique Lamadrid.

**Lehnen, Leila**

“Patricidal Passions: Assaulting the Father/Motherland in Reinaldo Arenas’ *El asalto* and João Gilberto Noll’s *A céu aberto*.” *Revista Literatura em Debate*, (2010).

Review of *Cannibal Democracy. Race and Representation in the Literature of the Americas*, by Zita Nunes. *Luso-Brazilian Review*. 47.1 (2010), 239-242.

**López, Miguel**

“Women in the Global Machine: Patrick Bard’s *La frontera*, Carmen Galán Benitez’s *Tierra marchita*, and Alicia Gaspar de Alba’s *Desert Blood: The Juárez Murders*” in Hector Dominguez-Rubalcava and Ignacio Corona’s *Gender Violence at the US Mexico Border*. University of Arizona Press, 2010, pp. 128-170.

Review of Robert McKee Irwin's *Captives and Saints at the Border*, University of Minnesota Press. *Revista de Estudios Hispánicos*, XII. 67-70, (2010).

**McKnight, Kathryn**

“Breaking through National Boundaries: Afro-Creoles, Revolutions, and Nation-Formation in the US and the Caribbean.” Review of *Atlantic Creoles in the Age of Revolutions*. Jane G. Landers. Cambridge: Harvard UP, 2010. *A Contracorriente* 8.1 (2010): 558-68.

Review of *Brides of Christ. Conventual Life in Colonial Mexico*, Asunción Lavrin, Stanford: Stanford UP, 2008. In *Colonial Latin America Review* 19.2 (2010): 365-68.

**Milleret, Margo**

“Data Driven Portuguese Program Development” *Portuguese Language Journal*, #4, Fall 2010.

“Festival Internacional de Teatro, July 2010” *Latin American Theatre Review*, 44.1, 157-59. Fall 2010. With Rachel Spaulding.

**Nogar, Anna**

*La imaginación novelesca: Bernal Díaz entre géneros y épocas*. Oswaldo Estrada. *Revista de estudios hispánicos*; 44.2; pp. 483-486; 2010.

**Sykes, Julie**

2010. Sykes, J., Reinhardt, J., and Thorne, S.L. Multiplayer Digital Games as Sites for Research and Practice. In F. Hult (Ed.) *Directions and Prospects for Educational Linguistics*. New York: Springer, 117-136.

2010. Review of Eva Alarcón-Soler (ed.) (2008). *Learning How to Request in an Instructed Language Learning Context*. Berlin, Peter Lang. *Modern Language Journal*, pp. 260.

2010. (In)Commensurable Discourse: Researchers and Practitioners Bring Pragmatics to the Language Learning. Viewpoints Article. *Studies in Hispanic and Lusophone Linguistics*, 253-263.

2010. Cohen, A.D. and Sykes, J.M. Language-learner strategies and their effect on speech act performance. *Applied Linguistics Forum*, 30(1).

**Travis, Catherine**

Hualde, José Ignacio, Antxon Olarrea, Anna María Escobar and Catherine E. Travis. 2010. *Introducción a la lingüística hispánica (2nd ed.)*. Cambridge: Cambridge University Press.

Torres Cacoullos, Rena and Catherine E. Travis. 2010. Variable yo expression in New Mexico: English influence? In Susana Rivera-Mills and Daniel J. Villa (eds), *Spanish of the U.S. Southwest: A Language in Transition*, 185-206. Madrid: Iberoamericana.

Torres Cacoullos, Rena and Catherine E. Travis. 2010. Using structural variability to evaluate convergence via code-switching. *International Journal of Bilingualism*, 14(3): 1-27.

## EDUCATIONAL SPECIALTIES

### **Copeland, Susan**

Keefe, E. B., Copeland, S. R., and deLuzio, H. (2010). Creating print rich environments to support literacy instruction. In C. Carnahan and P. Williamson (Eds.). *Quality literacy instruction for students with autism spectrum disorders*. Shawnee Mission, KS: Autism Asperger Publishing Company.

### **Cosbey, Joanna**

Cosbey, J., Johnston, S., and Dunn, M. L. (2010). Sensory processing disorders and social participation. *American Journal of Occupational Therapy*, 64, 462-473.

### **Lampela, Laurel**

Lampela, L. (2010). Expressing Lesbian and queer identity in the works of three contemporary artists of New Mexico. *Instructional Resources, Art Education*, 63(1), 25-32.

Lampela, L. (2010). "Tokens," Invitational Art Exhibition, Lerma Gallery, Albuquerque, NM, December 2010.

Lampela, L. (2010). "coupling," Invitational Art Exhibition, Lerma Gallery, Albuquerque, NM, July-August 2010.

Lampela, L. (2010). "Plus One," Guest Artist Exhibition, Corrales Bosque Gallery, Corrales, NM, May-August 2010.

Lampela, L. (2010). "Faculty Invitational Exhibition," Masley Art Gallery, University of New Mexico, January-February 2010.

### **Keefe, Elizabeth**

Delano, M. E., Keefe, E. B., and Perner, D. (2010). Personnel preparation: Recurring challenges and the need to ensure access to general education. *Research and Practice in Severe Disabilities*, 33-34, (4-1), 232-240.

Keefe, E. B., Copeland, S. R., and deLuzio, H. (2010). Creating print rich environments to support literacy instruction. In C. Carnahan and P. Williamson (Eds.). *Quality literacy instruction for students with autism spectrum disorders*. Shawnee Mission, KS: Autism Asperger Publishing Company.

### **Luckasson, Ruth**

Schalock, R.L., Borthwick-Duffy, S., Bradley, V.J., Buntinx, W.H.E., Coulter, D.L., Craig, E.M., Gomez, S.C., Lachapelle, Y., Luckasson, R., Reeve, A., Shogren, K.A., Snell, M.E., Spreat, S., Tasse, M.J., Thompson, J.R., Verdugo-Alonso, M.A., Wehmeyer, M., and Yeager, M.H. (2010). *Intellectual disability: Definition, classification, and systems of supports* (11th ed.). Washington, DC: American Association on Intellectual and Developmental Disabilities.

**Pauly, Nancy**

Pauly, N. (2010). Faculty Invitational Exhibition, Masley Art Gallery, University of New Mexico, January-February 2010.

**Qi, Cathy**

Qi, C. H., and Marley, S. (2010). Validity Study of the Preschool Language Scale-4 with English-Speaking Hispanic and European American Children in Head Start Programs. *Topics in Early Childhood Special Education*.

**de Valenzuela, Julia S.**

de Valenzuela, J.S., Green, J., and Hall, J. (2010). Universal design: A reflective description of its application in the university classroom. In R. Hernandez Castaneda and J. Gacel-Avila (eds.) *Innocacion e internacionalizacion de la educacion (pp. 188-227)*. Guadalajara, Mexico: Universidad de Guadalajara Press.

**Wix, Linney**

Wix, L. (2010). *Through a narrow window: Friedl Dicker-Brandeis and her Terezin Students*. Albuquerque, NM: University of New Mexico Press.

Wix, L. (2010). Studios as locations of possibility: Remembering a history. *Art Therapy: Journal of the American Art Therapy Association*.



## HEALTH, EXERCISE AND SPORT SCIENCES

### **Gibson, Ann**

Ziemann, E., T. Grzywacz, M. Łuszczczyk, R. Laskowski, R.A. Olek, A.L. Gibson. Aerobic and anaerobic changes in active college-aged men following 6 weeks of high-intensity interval training at a work-to-rest interval of 1:2. *Journal of Strength and Conditioning Research*, 2010.

### **Kravitz, Len**

Kwon, Y.S., Robergs, R.A., Kravitz, L.R., Gurney, B.A., Mermier, C.M., and Schneider, S.M. (2010). Palm cooling delays fatigue during high-intensity bench press exercise. *Medicine & Science in Sports & Exercise*, 42(8), 1557-1565.

Mike, J.M. and Kravitz, L. (2010). Important risk factor and fitness assessment “numbers.” *IDEA Fitness Journal*, 7(10), 22-27.

Bubbico, A. and Kravitz, L. (2010). Eccentric exercise. *IDEA Fitness Journal*, 7(9), 50-59.

Kravitz, L. (2010). Waist-to-hip ratio, waist circumference and BMI. (2010). *IDEA Fitness Journal*, 7(9), 18-21.

Kravitz, L. (2010) Chronic sleep restriction is a risk factor for obesity. (2010). *IDEA Fitness Journal*, 7(8), 21-23.

Kravitz, L. (2010). Highly effective personal training: An evidence-based review of teaching strategies. *Strength and Conditioning Journal*. 32(3), 87-89.

Kravitz, L. (2010). Resistance training for clients with diabetes. *IDEA Fitness Journal*, 7(6), 19-21.

Martinez, A. and Kravitz, L. (2010). Cardiovascular health goals. *IDEA Fitness Journal*, 7(5), 14-17.

Pauls, C. and Kravitz, L. (2010). Barefoot running: An exciting new training dimension to consider for certain clients. *IDEA Fitness Journal*, 7(4), 18-20.

Kravitz, L. and Achenbach, N.J. (2010). Cellulite: A review of its anatomy, physiology and treatment. *IDEA Fitness Journal*, 7(4), 36-43.

Kravitz, L. (2010). What makes bone adapt? Gravitational forces or muscle loading? *IDEA Fitness Journal*, 7(3), 16-18.

Kravitz, L. (2010). Senior fitness research roundup. *IDEA Fitness Journal*, 7(2), 30-37.

Kravitz, L. (2010). Exercise and the brain: It will make you want to work out. *IDEA Fitness Journal*, 7(2), 18-19.

Kravitz, L. (2010). Small changes and the obesity epidemic. *IDEA Fitness Journal*, 7(1), 18-20.

*ACSM's Resources for the Personal Trainer*, 3rd edition. (2010). Edited by Walter R. Thompson, Len Kravitz, Barbara A. Bushman, and Julie Desch. American College of Sports Medicine, Lippincott, Williams and Wilkins.

**Seidler, Todd**

Miller, J. and Seidler, T. (Eds.). (2010). *A Practical Guide to Sport Management Internships*. Durham, NC: Carolina Academic Press.

Seidler, T. (2010). Audits in risk management. In D.J. Cotton, and J. Wolohan. (Eds.), *Law for Recreation and Sport Managers*, 5th ed. Dubuque, IA: Kendall-Hunt.

**Schneider, Suzanne**

Kwon, YS, Robergs RA, Kravitz LR, Gurney BA, Mermier CM, and Schneider SM. Palm cooling delays fatigue during high-intensity bench press exercise. *Med. Sci Sports Exerc* 42:1557-1565, 2010.

Kuennen MR, Gillum TL, Amorim FT, Kwon YS, and Schneider SM. Palm cooling to reduced heat strain in subjects during simulated armoured vehicle transport. *Eur J Appl Physiol* 108:1217-1223, 2010.

Amorim FT, Yamada PM, Robergs RA, Schneider SM. Palm cooling does not reduce heat strain during exercise in a hot dry environment. *Appl Physiol Nutr Metab* 35:480-489, 2010.

## INDIVIDUAL, FAMILY AND COMMUNITY EDUCATION

### **Armstrong, Jan**

Armstrong, J. (2010). The political economy of academic writing practices. *Journal of Thought*, 45, 55-70.

### **Cohen, Deborah**

Cohen DA, Byham-Gray L, Denmark R. Impact of Two Pulmonary Enteral Formulations on Nutritional Indices and Outcomes. *Nutrition in Clinical Practice*, 2010.

### **Conn, Carole**

Vaughan RA, Dichosa AE, Conn CA. Evaluating mitochondrial uncoupling potentials of A7E and DNP in *Saccharomyces cerevisiae*: implications for human obesity. *Med. Sci. Sports Exerc.* 42(5):S314, 2010.

### **Flowerday, Terri**

Lillemyr, O., Sobstad, F., Marder, K., and Flowerday, T. (2010, June). Indigenous and Non-Indigenous Primary School Students' Attitudes on Play, Humour, Learning and Self-Concept: A Comparative Perspective. *European Early Childhood Education Research Journal*, vol. 18, no. 2, pp. 243-267.

### **Goodrich, Kristopher**

Luke, M., and Goodrich, K. M. (2010). A grounded theory of Chi Sigma Iota chapter leadership and professional identity development in early career counselors. *Counselor Education and Supervision*, 50, 56-78.

Goodrich, K. M., and Gilbride, D. D. (2010). The Refinement and Validation of a Model of Family Functioning after Child's Disclosure as Lesbian, Gay or Bisexual. *Journal of LGBT Issues in Counseling*, 4(2), 92-121.

Goodrich, K. M., and Luke, M. (2010). Experiences of school counselors-in-training in group work with LGBTQ adolescents. *The Journal for Specialists in Group Work*, 35(2), 143-159.

Bernard, J. M., and Goodrich, K.M. (2010, June). Social Justice and multicultural supervision: Merger, hostile supervision, or what...? *Proceedings of the International Interdisciplinary Conference on Clinical Supervision*, Garden City, NY.

Goodrich, K. M., and Luke, M. (2010, June). Integration of LGBTQ responsive supervision across four levels of group work. *Proceedings of the International Interdisciplinary Conference on Clinical Supervision*, Garden City, NY.

Goodrich, K. M., and Luke, M. (2010, April). Social advocacy groups with LGBTQ youth: A means for the trainee to learn about self. *Proceedings of the American Education Research Association*, Denver, CO.

Luke, M., and Goodrich, K. M. (2010, March). Fitting a triangle peg in a round hole: Preparing school counselors-in-training to work with LGBTQ students. *Proceedings of the American Counseling Association Conference*, Pittsburgh, PA.

Goodrich, K. M., and Luke, M. (2010, March). Straight talk about counseling LGBT youth. *Proceedings of the American Counseling Association Conference*, Pittsburgh, PA.

Luke, M., and Goodrich, K. M. (2010, February). LGBTQ responsive group supervision to illuminate and intentionally address the needs of the invisible ten. *Proceedings of the Association for Specialists in Group Work*, New Orleans, LO.

### **Hossain, Ziarat**

Hossain, Z., Mothers' reports of fathers' involvement with children in Mexican immigrant families in the US. *Proceedings of the 4th On New Shores Conference*, Guelph, Ontario, Canada, Septemeber-October 2010.

Hossain, Z. Correlates of Fathers' Perceptions of Their School-Age Children's Social Behaviors in Mexican Immigrant Families. *Proceedings of the 71st Annual Convention of the Canadian Psychological Association*, Winnipeg, Canada, June 2010.

Hossain, Z. and Kamal, R. Parental Perceptions of Their Children's School Performance in Mexican Immigrant Families. *Proceedings of the 39th annual conference of the Society for Cross-Cultural Research*, Albuquerque, NM, February 2010.

Chaudhuary, Z., and Hossain, Z. Cultural Diversity Issues in the Undergraduate Engineering Program. *Proceedings of the 39th annual conference of the Society for Cross-Cultural Research*, Albuquerque, NM, February 2010.

### **Keim, Jean**

Keim, J., McDermott, J.C., and Gerard, M.R. (2010). Bridge program: Using a group format to promote transitions for Hispanic education students. *Community College Journal of Research and Practice*, 34 (10) 769-783.

Keim, J., McDermott, J.C., (2010). Mobbing: Workplace violence in the academy. *The Educational Forum*, 74, 167-173.

### **Lemberger-Truelove, Matthew**

Choi, S. and Lemberger, M. E. (2010). Influence of a supervised mentoring program on the achievement of low-income South Korean students. *Mentoring and Tutoring: Partnership in Learning*, 18(3), 233- 248.

Lemberger, M. E. (2010). Advocating Student-within-Environment: A humanistic theory for school counseling. *The Journal of Humanistic Counseling, Education and Development*, 49(2), 131-146.

Lemberger, M. E., Morris, C. A. W., Clemens, E. V., and Smith, A. L. (2010). A qualitative investigation of the referral process from school counselors to mental health providers. *Journal of School Counseling*, 8(32).

**Olguin, David**

Olguin, D. (2010) Curanderismo: Folk healing practice and child abuse and neglect allegations. In M. A. Hermann, T. P. Remley, Jr., and W. C. Huey, *Ethical and legal issues in school counseling* (3rd ed., pp. 391-402). Alexandria, VA: American School Counselor Association.

Olguin, D. L. (2010) Assessment Etch-A-Sketch Inquiry. In L. Lowenstein (Ed.), *More Assessment and Treatment Activities for Children, Adolescents, and Families: Practitioners Share Their Most Effective Techniques*. Champion Press.

**Parkes, Jay**

Parkes, J. and Stefanou, C. (2010). Does pragmatism trump motivation in college students' preferences for exam formats? *Learning Environments Research*, 13(3), 225-241.

**Selig, James**

Abbott, M., Wills, H., Greenwood, C. R., Kamps, D., Heitzman-Powell, L., and Selig, J. P. (2010). The combined effects of grade retention and targeted small-group intervention on students' literacy outcomes. *Reading & Writing Quarterly*, 26, 4-25.

## LANGUAGE, LITERACY AND SOCIOCULTURAL STUDIES

### **Celedón-Pattichis, Sylvia**

Celedón-Pattichis, S. (2010). Implementing reform curriculum: Voicing the experiences of an ESL/mathematics teacher. *Middle Grades Research Journal*, 5(4), 185-198.

Celedón-Pattichis, S., Musanti, S., and Marshall, M. (2010). Bilingual teachers' reflections on students' native language and culture to teach mathematics. In M. Foote (Ed.), *Mathematics teaching and learning in K-12: Equity and professional development* (pp. 7-24). New York, NY: Palgrave Macmillan.

Celedón-Pattichis, S. (2010, October). Implementing standards-based curriculum: Voicing the experiences of an ESL/mathematics teacher. In J. Aguirre and R. Gutiérrez (Co-Chairs), *Mathematics teaching of Latinas/os: Helping the field better understand and predict the future of STEM. Proceedings of the Society for Advancement of Chicanos and Native Americans in Science*, Anaheim, California.

Celedón-Pattichis (2010), *Mathematics learning and identity as Latinos/as: Our mathematics, our future. Proceedings of the Society for Advancement of Chicanos and Native Americans in Science*, Anaheim, California.

Celedón-Pattichis, S., Musanti, S., and Marshall, M. E. (2010, April). Placing language, culture, and mathematics at the center: A study of bilingual elementary teachers' growth. *Proceedings of the American Educational Research Association*, Denver, Colorado.

Celedón-Pattichis, S., Musanti, S. I., and Marshall, M. E. (2010, January). Situating mathematics professional development: A bilingual kindergarten teacher and researchers' collaboration. In J. M. Menéndez (Chair), *Equity in mathematics education: Experiences and reflections from a teacher preparation program and professional development initiatives. Proceedings of the Association of Mathematics Teacher Educators*, Irvine, California.

### **Mahn, Holbrook**

Mahn, H. (2010). Vygotsky's methodological approach: A blueprint for the future of psychology. In *Methodological thinking in psychology: 60 years gone astray?* Charlotte, NC: Information Age Publishing.

Mahn, H. and Tamayo-Aguilar, M. (2010). Collaborative theory building with sociocultural and concept mapping theories. In J. Sanchez, A. Canas, and J. Novak (Eds.). *Concept maps: Making learning meaningful: Proceedings of the Fourth International Conference on Concept Mapping*, Santiago, Chile: Universidad de Chile.

Mahn, H., Bruce, M., and Adams, L. (2010). Academic literacy for all, *New Mexico English Journal*, Fall, 3-15.

Mahn, H. and Bruce, M. (2010) The Academic Literacy for All Project: A professional development model. In C.J. and Ballantyne, K.G. (Eds.). *Professional Development in Action: Improving Teaching for English Learners*. Washington, DC: National Clearinghouse for English Language Acquisition (pp. 39-43).

### **Martinez, Glenabah**

Martinez, G. (2010). "We are supposed to act like one, not like an enemy": U.S. imperialism and the Declaration on the Rights of Indigenous Peoples. In Meyer, L, and Maldonado, B. (Eds.) *The New World of Indigenous Resistance: Noam Chomsky and Voices from the Americas*. San Francisco, CA: City Lights Publishers.

Martinez, G. (2010). History keeps you going: Cultural integrity, sovereignty, and New Mexico history. In Martinez, R.B. (Ed.) *Challenges and Possibilities in Teacher Education: A North American Perspective* (pp. 176-178). NY: Routledge.

Martinez, G. (2010). *Native Pride: The Politics of Curriculum and Instruction in an Urban, Public High School*. Cresskill, NJ: Hampton Press, Inc.

Martinez, G. (2010). Review of *We Have a Religion: The 1920s Pueblo Indian Dance Controversy and American Religious Freedom* by Tisa Wenger. *American Indian Quarterly*.

Martinez, G. (2010 January 5). Review of *To Remain An Indian* by K. Tsianina K. Lomawaima and Teresa L. McCarty. *Education Review*, 12.

### **Meyer, Lois**

Meyer, L and Maldonado, B. (Eds.) (2010). *New World of Indigenous Resistance: Noam Chomsky & Voices from the Americas*. San Francisco CA: City Lights.

Meyer, L. (2010). Hacia una alternativa de formación indígena bilingüe e intercultural: una pedagogía liberadora desde la "comunalidad." (Toward an alternative bilingual, intercultural indigenous teacher preparation: A liberatory pedagogy based in "comunalidad") In a special issue: Teacher professional development in Latin America. E. Guajardo (Ed.). *Revista Latinoamericana de Educación Inclusiva* 4:1. Santiago, Chile.

Meyer, L. (2010). Hungering for Educational Justice. In N. Berlatsky (Ed.) *Opposing Viewpoints: School Reform. (OVPSRF-1), Introductory Edition*. Bloomfield Hills, MI: Cengage Learning.

### **Meyer, Rick**

Meyer, R. (2010). *Writing spaces in hard times: Official portraits and unofficial counterportraits*. New York: Routledge/Francis and Taylor Group.

Meyer, R. (2010). Official and Unofficial Portraits. *Talking Points* 21(2), 9-15.

Meyer, R. (2010). Hope Restored, Interrupted, and Reclaimed. *Talking Points* 22(1), 28-29.

Meyer, R. and Laffler, C. (2010). "We are stuck in a place with hate." Supporting our Students In

Writing Their Truths and Acting Upon Them. *Proceedings of the National Council of Teachers of English*, Orlando Fl.

Meyer, R. and Jurich, C. (2010). We are Here! We are Here! We are Here! Whole Language and 21st Century Literacies In Action. *Proceedings of the National Council of Teachers of English*, Orlando Fl.

Altwerger, B., Cambourne, B. Flores, B., and Meyer, R. (2010). Continuing the tradition of political activism and advocacy. *Proceedings of the Literacies for All Summer Institute of the International Whole Language Umbrella of the National Council of Teachers of English*, Indianapolis, IN.

Meyer, R. (2010). Political Update on the Education Scene. *Proceedings of the Literacies for All Summer Institute of the International Whole Language Umbrella of the National Council of Teachers of English*, Indianapolis, IN.

Meyer, R., Altwerger, B., Cambourne, B. and Jurich, C. (2010). From Warm Fuzzies to Political Activists: Locked out, Marginalized, Disenfranchised, and RESPONDING! *Proceedings of the Literacies for All Summer Institute of the International Whole Language Umbrella of the National Council of Teachers of English*, Indianapolis, IN.

### **Pence, Lucretia**

Co-editor: *New Mexico Council of Teachers of English Journal*, 2010.

Pence, P. (2010). Wiki happy hour: Collaborative stories using a wiki. *New Mexico English Journal*, Fall, 19-26.

### **Sims, Christine**

C. Sims (2010). Book Review of Jon Reyner and Louise Lockard, (2009) (eds), *Indigenous Language Revitalization: Encouragement, Guidance and Lessons Learned*, *Indian Quarterly*, Spring 2010/Vol. 34, No. 2.

### **Sung, Yoo Kyung**

Desai, C. Daniels, E. Sung, Y. K. and Welch, I. (2010). Dealing with disaster: Ways of coping, healing and fighting back. *Journal of Children's Literature*. 36(2). 80-84.

Sung, Y.K. (2010). Korean Rediscovery of Power of Historical Fiction. *WOW Currents. Words of Words Online Journal*. December.

Sung, Y. K. (2010). Confronting History: Using Realistic Fiction to reflect on historical journeys. *WOW Currents. Words of Words Online Journal*. December.

Sung, Y. K. (2010). Creating community membership around reading: meeting New Mexico authors of children's and young adult literature. *New Mexico English Journal*, Fall, 34-36.

Sung, Y. K. (2010). Spilling Ink. *New Mexico English Journal*, Spring, 52-53.

Sung, Y. K. (2010). Confronting History: Young Korean diasporas during WWII and the Chinese Cultural Revolution. *WOW Currents, Words of Words Online Journal*, December.



Sung, Y. K. (2010). Experiencing historical tragedy through stolen voices. *WOW Currents. Words of Words Online Journal*, December.

Sung, Y. K. (2010). The Boy and the Wall. *WOW Review: Reading Across Culture*, 2(5).

Sung, Y.K. (2010). The Little Piece of Ground. *WOW Review: Reading Across Culture*, 2(4).

Sung, Y. K. (2010). Home of Brave. *WOW Review: Reading Across Cultures*, 2(3).

Critical Analysis of South Asian Cultures Represented in Picture Books. In Naidoo, J. and Park, S. (Eds), *Sliding Doors in a Pluralistic Society: Critical Approaches to and Intercultural Perspectives on Diversity in Contemporary Literature for Children and Young Adults*. Chicago: American Library Association.

Goodman.K., Goodman. Y., Wang, S. and Iventosch, M. (eds.) *Reading in Asian Languages*. New York: Routledge.

### **Trinidad, Ruth Galvan**

Murillo Jr., E., Villenas, S., Trinidad Galván, R., Muñoz, J., Martinez, C., & Machado-Casas, M. (2010). *The Handbook of Latinos and Education: Research, theory and practice*. New York: Routledge.

Trinidad Galván, R. (2010). Calming the spirit and ensuring super-vivencia: Rural Mexican women-centered teaching and learning spaces. *Ethnography and Education* 5(3), pp. 309-323.

Trinidad Galván, R. and Gonzalez, N. (2010). Policies and Politics in Latino Education: An introduction. In Murillo Jr., E., Villenas, S. Trinidad Galván, R., Muñoz, J., Martinez, C., and Machado-Casas, M. (eds.), *The Handbook of Latinos and Education: Research, theory and practice*, (pp. 127-134). New York: Routledge.

Trinidad Galván, R. (2010). Renegotiating Masculinity in Transnational Relationships: An Innovative Research Perspective on Gender. In Hernandez-Castañeda, R. and Gacel-Avila, J. (eds), *Innovación e internacionalización de la educación: Estudios de caso y propuestas*, (pp. 303-332). Guadalajara, Mexico: Editorial Universitaria.

Pineda Guadarrama, J. and Trinidad Galván, R. (2010). The art of critical pedagogy: Possibilities for moving from theory to practice in urban schools by J. Duncan-Andrade and E. Morrell. *Journal of Latinos and Education* 9(3), 251-154.

### **Zancanella, Don**

Zancanella, D. and Alsup, J. (2010). English education program assessment: Creating standards and guidelines to advance English teacher preparation. *English Education*, 43 (1), 65-71.

## TEACHER EDUCATION

### **Kingsley, Karla**

Kingsley, K.V. (2010). Technology-mediated critical literacy in K-12 contexts: Implications for 21st century teacher education. *Journal of Literacy and Technology*, 11(3).

### **Krebs, Marjori**

Krebs, M. (2010). The Korean War: A role play to remember. *The Social Studies*, (100)6, 273-278.

### **Sánchez, Rebecca**

Sánchez, R. (Fall 2010). The 6 Remaining Facts: Social Studies Content Knowledge and Citizenship. *Action in Teacher Education*.

Sánchez, R. and Gutierrez-Gomez. (Spring 2010). Quality Teacher Education: Teaching for Diversity in an Era of Standardization. In E. Sandoval Flores, R. Blum-Martinez, and I. Andrews (Eds.). *Challenges and Possibilities in Teacher Education A North American Perspective*. Mexico City: Universidad Pedagogia Nacional.

Sánchez, R. and Gutierrez-Gomez. (Spring 2010). Calidad en la formación de docentes: Enseñanza para la diversidad en la era de la estandarización. In E. Sandoval Flores, R. Blum-Martinez, and I. Andrews (Eds.). *Desafíos y posibilidades en la formación de maestros: Una perspectiva desde América del norte*. Mexico City: Universidad Pedagogia Nacional.

### **Torrez, Cheryl**

Waring, S. and Franklin Torrez, C. (October 2010). Using Digital Primary Sources to Teach Historical Perspective to Preservice Teachers. *Contemporary Issues in Technology and Teacher Education*, 10 (3), 294-308.

Torrez, C. (December 2010). In the Beginning, Apple: Ways in Which the Vision Progressed. In R. Diem and M. J. Berson (Eds.). *Technology in Retrospect: Social Studies Place in the Information Age* (pp.13-31). Charlotte, NC: Information Age Publishing.

## CHEMICAL AND NUCLEAR ENGINEERING

### **Artyushkova, Kateryna**

Chung HT, Johnston CM, Ferrandon M, Myers DJ and Zelenay P, Cyanamide-derived non-precious metal catalyst for oxygen reduction *Electrochemistry Communications*, 12 (12), 1792-1795 Dec 2010.

Robert L. Arechederra, Plamen Atanassov, and Shelley D. Minter: Growth of Phthalocyanine Doped and Undoped Nanotubes Using Mild Synthesis Conditions For Development of Novel Oxygen Reduction Catalysts, *ACS Applied Materials & Interfaces*, 2(11), 3295-3302, Nov 2010.

M.N. Arechederra, C. Jenkins, R.A. Rincón, P. Atanassov and S.D. Minter, Chemical polymerization and electrochemical characterization of thiazines for NADH electrocatalysis applications, *Electrochimica acta*, 55 (2010), 6659-6664.

S. Pylypenko and J.E. Fulghum, Application of XPS spectral subtraction and multivariate analysis for the characterization of Ar<sup>+</sup> ion beam modified polyimide surfaces, *Applied Surface Science*, 256, 3204-3210, 2010.

A.L. Garcia, G.P. Lopez, Detecting Molecular Separation in Nano-fluidic Channels through Velocity Analysis of Temporal Image Sequences by Multivariate Curve Resolution, *Microfluidics and Nanofluidics*, 9, 447-459, 2010.

R.A. Rincón, M. Mojica, M.N. Germain, S.D. Minter and P. Atanassov, Structure and Electrochemical Properties of Electrocatalysts for NADH Oxidation, *Electroanalysis*, 22 ( 7-8), 799-806, 2010.

Structure determination of nanocomposites through 3D imaging using laboratory XPS and multivariate analysis, *Journal of Electron Spectroscopy and Related Phenomena*, 178, 292-302, 2010.

### **Atanassov, Plamen**

R.L. Arechederra, K. Artyushkova, and S.D. Minter, Growth of Phthalocyanine Doped and Undoped Nanotubes Using Mild Synthesis Conditions For Development of Novel Oxygen Reduction Catalysts, *ACS Applied Materials and Interfaces*, 2 (2010) 3295-3302.

T.S. Olson, S. Pylypenko, S. Kattel, and B. Kiefer, Selectivity of Cobalt-Based Non-Platinum Oxygen Reduction Catalysts in the Presence of Methanol and Formic Acid, *J. Phys. Chem. C.*, 114 (2010) 15190-15195.

B. Piela, P. Zelenay, S. Levendosky, T. Olson, Highly Methanol-Tolerant Non-Precious Metal Cathode Catalysts for Direct Methanol Fuel Cell, *Electrochimica Acta*, 55 (2010), 7615-7621.

D.M. Ivnitski, C. Khripin, H.R. Luckarift, G.R. Johnson, Surface Characterization and Direct Bioelectrocatalysis of Multicopper Oxidases, *Electrochimica Acta*, 55 (2010) 7385-7393.

- M.N. Arechederra, C. Jenkins, R. A. Rincón, K. Artyushkova, and S.D. Minter, Chemical Polymerization and Electrochemical Characterization of Thiazines for NADH Electrocatalysis Applications, *Electrochimica Acta*, 55 (2010) 6659-6664.
- R.R. Ramasamy, H.R. Luckarift, D.M. Ivniński, and G.R. Johnson, High Electrocatalytic Activity of Tethered Multicopper Oxidase-Carbon Nanotube Conjugates, *Chem. Comm.*, 46 (2010) 6045-6047.
- H.R. Luckarift, S.R. Sizemore, J. Roy, C. Lau, G. Gupta, and G.R. Johnson, Standardized Microbial Fuel Cell Anodes of Silica-Immobilized *Shewanella oneidensis*, *Chem. Comm.*, 46 (2010) 6048-6050.
- E. Katz, Biofuel Cells, *Electroanalysis* (Guest Editors for the Special Issue on Biofuel Cells), 22 (2010) 782-783.
- H.R. Luckarift D. Ivniński, R.A. Rincón, and G.R. Johnson Glucose Oxidase Catalyzed Self-Assembly of Bio-electroactive Gold Nanostructures, *Electroanalysis* (Special Issue on Biofuel Cells), 22 (2010) 784-792.
- R. A. Rincón, K. Artyushkova, M. Mojica, M.N. Germain, S. D. Minter, Structure and Electrochemical Properties of Electrocatalysts for NADH Oxidation, *Electroanalysis* (Special Issue on Biofuel Cells), 22 (2010) 799-806.
- E. Switzer, T.S. Olson, A. K. Datye, M.R. Hibbs and C.J. Cornelius, Novel KOH-free Anion Exchange Membrane Fuel Cell: Performance Comparison of Alternative Anion Exchange Ionomers in Catalyst Ink, *Electrochimica Acta*, 55 (2010) 3404-3408.
- T.S. Olson, S. Pylypenko, K. Asazawa, K. Yamada, H. Tanaka, Anion-Exchange Membrane Fuel Cells: Dual-Site Mechanism of Oxygen Reduction Reaction in Alkaline Media on Cobalt-Polypyrrole Electrocatalysts, *J. Phys. Chem. C.*, 114 (2010) 5049-5059.
- S. Pylypenko, T.S. Olson, N.J. Carroll, D.N. Petsev, Templated Platinum/Carbon Oxygen Reduction Fuel Cell Electrocatalysts, *J. Phys. Chem. C.*, 114 (2010) 4200-4207.
- T.S. Olson, R. A. Rincón, D.A. Brevnov, Gold-Decorated Flow-Through Electrodes: Effect of Electrochemical Time Constant on Electrodeposition of Au Particles on Reticulated Vitreous Carbon, *Electrochemical & Solid State Letters*, 13 (2010) D11-D14.
- D.A. Konopka, S. Pylypenko and T. Ward, Synthesis by Spray Pyrolysis of Mesoporous NbRuO<sub>2</sub> as Electrocatalyst Supports in Fuel Cells, *ACS Applied Materials and Interfaces*, 2 (2010) 86-95.
- T.S. Olson, S. Pylypenko, J.E. Fulghum, Bifunctional Oxygen Reduction Reaction Mechanism on Non-Platinum Catalysts Derived from Pyrolyzed Porphyrins, *Journal of the Electrochemical Society*, 157 (2010) B54-B63.
- C. Apblett, D. Ingersoll, S. Sarangapani, M. Kelly, Direct Glucose Fuel Cell: Noble Metal Catalyst Anode Polymer Electrolyte Membrane Fuel Cell with Glucose Fuel, *J. Electrochemical Society*, 157 (2010) B86-B89.
- E. K. Berliba-Vera, A. T. Delariva, A. K. Datye and F. H. Garzón, Nucleation of Platinum on Carbon Blacks, *Electrochemical Society Transactions*, 33 (2010) 73-78.

D. Konopka, B. Kiefer, Y. Jiang, T. Ward, Electrochemical and DFT Analysis of Deactivation of Pt Supported on Niobia, *Electrochemical Society Transactions*, 33 (2010) 191-195.

R. S. Goeke, A. K. Datye, and J. St-Pierre, Model Electrode Structures for Studies of Electrocatalyst Degradation, *Electrochemical Society Transactions*, 33 (2010) 361-366.

A. Patel, K. Artyushkova, A. P. Young, M. Dutta, Z. Ahmad, V. Colbow, S. Wessel and S. Ye, Structural and Morphological Properties of Carbon Supports: Effect on Catalyst Degradation, *Electrochemical Society Transactions*, 33 (2010) 425-430.

S. P. Kattel, B. Kiefer, Defects on Graphene with and without Nitrogen, Oxygen Reduction Reaction (ORR), *Electrochemical Society Transactions*, 33 (2010) 551-556.

B. Halevi, T. Olson, S. Pylypenko, M. Robson, A. K. Datye, Effect of Alloying Pd With Oxophilic Metals on Electrooxidation of Alcohols in Alkaline Media, *Electrochemical Society Transactions*, 33 (2010) 1655-1660.

U. Martinez, K. Asazawa, B. Halevi, T. Olson, B. Kiefer, A. K. Datye, H. Tanaka, Bimetallic Ni Alloys for the Electrooxidation of Hydrazine in Alkaline Media, *Electrochemical Society Transactions*, 33 (2010) 1673-1678.

K. Asazawa, K. Yamamoto, K. Yamada, H. Tanaka, D. Matsumura, K. Tamura, Y. Nishihata, XAFS Analysis of Unpyrolyzed CoPPyC Oxygen Reduction Catalysts for Anion-Exchange Membrane Fuel Cells (AMFC), *Electrochemical Society Transactions*, 33 (2010) 1751-1756.

M. Robson, W. Patterson, D. Petsev, Open Frame Structures for Non-platinum Catalysts: Colloidal Approach to Transition Metal/Nitrogen-Containing Carbon-Supported Electrocatalysts, *Electrochemical Society Transactions*, 33 (2010) 1787-1792.

D.N. Petsev, N.J. Carroll, S. Pylypenko, A. Ortiz, B.T. Yonemot, C. Lopez, and D.A. Weitz, Droplet Based Microfluidics for Synthesis of Mesoporous Silica Microspheres, *Mat. Res. Soc. Proceedings*, (2010).

M. Hampden-Smith, T. Kodas, P. Atanassova, K. Kunze, P. Napolitano, D. Dericotte and R. Bhatia Method for the Deposition of Electrocatalyst Particles *US Patent 7,722,687*, May 25, 2010.

T. Olson Self Supporting Structurally Engineered Non-Platinum Electrocatalyst for Oxygen Reduction in Fuel Cells *US Patent 7,678,728*, March 16, 2010.

E. Switzer, A. Datye, Nanostructured Anode Pt-Ru Electrocatalysts for Direct Methanol Fuel Cells *US Patent 7,670,988*, March 2, 2010.

### **Brinker, C. Jeffrey**

Xiong SS, Miao XY, Spencer J, Khripin C, Luk TS. 2010. Integration of a Close-Packed Quantum Dot Monolayer with a Photonic-Crystal Cavity Via Interfacial Self-Assembly and Transfer. *Small* 6: 2126-2129.

Moghaddam S, Pengwang E, Jiang YB, Garcia AR, Burnett DJ, Masel RI, Shannon MA. 2010. An inorganic-organic proton exchange membrane for fuel cells with a controlled nanoscale pore structure. *Nature Nanotechnology* 5: 230-236.

Luk TS, Xiong S, Farfan BG, Chow WW, El-Kady I, Miao X, Resnick PJ, Su MF, Subramania G, Taha MR, Ieee. 2010. *Strong Purcell enhancement of emission from close-packed colloidal quantum-dots in a photonic-lattice cavity*. New York: Ieee.

Khripin CY, Kaehr B. 2010. Mechanically tunable multiphoton fabricated protein hydrogels investigated using atomic force microscopy. *Soft Matter* 6: 2842-2848.

Kendall EL, Mills E, Liu JW, Jiang XM, Parikh AN. 2010. Salt-induced lipid transfer between colloidal supported lipid bilayers. *Soft Matter* 6: 2628-2632.

Kaehr B. 2010. Using bacterial cell growth to template catalytic asymmetry. *Chemical Communications* 46: 5268-5270.

Jiang XM, Ward TL, Cheng YS, Liu JW. 2010. Aerosol fabrication of hollow mesoporous silica nanoparticles and encapsulation of L-methionine as a candidate drug cargo. *Chemical Communications* 46: 3019-3021.

Jiang XM. 2010. Rigid templating of high surface-area, mesoporous, nanocrystalline rutile using a polyether block amide copolymer template. *Chemical Communications* 46: 6123-6125.

Jiang X, Ward TL, van Swol F. 2010. Numerical Simulation of Ethanol-Water-NaCl Droplet Evaporation. *Industrial & Engineering Chemistry Research* 49: 5631-5643.

Harper JC, Khirpin CY, Carnes EC, Ashley CE, Lopez DM, Savage T, Jones HDT, Davis RW, Nunez DE, Brinker LM, Kaehr B, Brozik SM. 2010. Cell-Directed Integration into Three-Dimensional Lipid-Silica Nanostructured Matrices. *ACS Nano* 4: 5539-5550.

Chen Z, Jiang YB, Dunphy DR, Adams DP, Hodges C, Liu NG, Zhang N, Xomeritakis G, Jin XZ, Aluru NR, Gaik SJ, Hillhouse HW. 2010. DNA translocation through an array of kinked nanopores. *Nature Materials* 9: 667-675.

Carnes EC, Lopez DM, Donegan NP, Cheung A, Gresham H, Timmins GS, 2010. Confinement-induced quorum sensing of individual *Staphylococcus aureus* bacteria. *Nat Chem Biol* 6: 41-45.

*Annual Review of Nano Research* – Volume 3 Cao, Guozhong, editors World Scientific Publishing Co. Ltd., Singapore/London, 2010.

Control of Morphology in Mesoporous and Mesostructured Hybrid Materials Darren R. Dunphy, Bernd Smarsly, in *The Supramolecular Chemistry of Organic-Inorganic Hybrid Materials*, Knut Rurack, ed, John Wiley & Sons, Inc., Hoboken, NJ (March 2010).

### **Canavan, Heather**

Lucero, A.E.; Reed, J.A.; Wu, X. Fabrication and Characterization of Thermoresponsive Films Deposited by an RF Plasma Reactor, *Plasma Processes and Polymers*, 7 (12), 992-1000 (2010).

Cooperstein, M.A. Applications and Uses of Biological Cell Detachment from pNIPAM, *Langmuir*, 26 (11), 7695-7707 (2010).

Reed, J.A.; Lucero, A.E.; Hu, S.; Ista, L.K.; Bore, M.; López, G.P. A Low-cost, Rapid Deposition Method for 'Smart' Films: Applications in Mammalian Cell Release, *ACS Applied Materials & Interfaces*, 2 (4), 1048-1051 (2010).

Chang, M.S.; Stohlman, J.; Molnar, P.; Natarajan, A.; Teliska, M.; Krauthamer, V.; Hickman, J.J.; Altered Calcium Dynamics in Cardiac Cells Grown on Silane-Modified Surfaces, *Biomaterials*, 31 (4), 602-607 (2010).

### **Carnes, Eric**

J.C. Harper, C. Khripin, C.E. Ashley, D.M. Lopez, T. Savage, H. Jones, R. Davis, D. Nunez, L.M. Brinker, B.J. Kaehr, S. Brozik, and C.J. Brinker. *Cell-Directed Integration into 3D Lipid-Silica Nanostructured Matrices*, *ACS Nano*, 2010, 4 (10), pp. 5539-5550.

D.M. Lopez, H. Gresham, A.L. Cheung, G.S. Timmins, C.J. Brinker. *Confinement-Induced Quorum Sensing of Individual Staphylococcus aureus Bacteria*, *Nature Chem. Biol.* 2010, 6 (1), 41-45.

### **Chi, Eva**

Wang, Y., Tang, Y., Zhou, Z., Ji, E., G.P., Lopez, Schanze, K.S., Whitten, D.G., Membrane perturbation activity of cationic phenylene ethynylene oligomers and polymers: selectivity against model bacterial and mammalian membranes. (2010) *Langmuir*, 26:12509-12514.

Winans A., Frey, S.L., Lam, K.L.H., Majewski, J., Wu, G., Kjaer, K., Lee, K.Y.C., Air/water interface induced folding and self assembly of amyloid-beta peptide seeds fibrillogenesis, (2010) *Biophysical Journal*, 98:2299-2308.

### **Cooper, Gary**

Tim Meehan, E.C. Hagen, C.L. Ruiz, Praseodymium activation detector for measuring bursts of 14 MeV neutrons, *Nuclear Instruments and Methods in Physics Research*, A 620 (2010) 397-400.

### **Datye, Abhaya**

E.E. Switzer, T.S. Olson, P. Atanassov, M.R. Hibbs, C. Fujimoto, and C.J. Cornelius, Novel KOH-free anion-exchange membrane fuel cell: Performance comparison of alternative anion-exchange ionomers in catalyst ink. *Electrochimica Acta*, 2010. 55(9): pp. 3404-3408.

E. Switzer, P. Atanassov, Nanostructured anode Pt-Ru electrocatalysts for direct methanol fuel cells 2010, U.S. Patent, 7,670,988.

B. Roy, K. Loganathan, H.N. Pham, and C.A. Leclerc, Surface modification of solution combustion synthesized Ni/Al<sub>2</sub>O<sub>3</sub> catalyst for aqueous-phase reforming of ethanol. *International Journal of Hydrogen Energy*, 2010. 35(21): pp. 11700-11708.

M.P. Mokhonoana, N.J. Coville, Datye, Small Au Nanoparticles Supported on MCM-41 Containing a Surfactant. *Catalysis Letters*, 2010. 135(1-2): pp. 1-9.

U. Martinez, K. Asazawa, B. Halevi, T. Olson, B. Kiefer, H. Tanaka, and P. Atanassov, Bimetallic Ni Alloys for the Electrooxidation of Hydrazine in Alkaline Media. *ECS Trans.*, 2010. 33(1): pp. 1673-1680.

V. Lebarbier, R. Dagle, and Y. Wang, The effect of PdZn particle size on reverse-water-gas-shift reaction. *Appl. Catal., A*, 379, 2010.

B. Halevi, E.J. Peterson, A. Delariva, E. Jeroro, V.M. Lebarbier, Y. Wang, J.M. Vohs, B. Kiefer, E. Kunkes, M. Havecker, M. Behrens, R. Sehlogl, Aerosol-Derived Bimetallic Alloy Powders: Bridging the Gap. *Journal of Physical Chemistry C*, 2010. 114(40): pp. 17181-17190.

B. Halevi, T. Olson, S. Pylypenko, M. Robson, and P. Atanassov, Effect of Alloying Pd with Oxophilic Metals on Electro-Oxidation of Alcohols in Alkaline Media. *ECS Trans.*, 2010. 33(1): pp. 1655-1660.

R.S. Goeke, P. Atanassov, and J. St.-Pierre, Model Electrode Structures for Studies of Electrocatalyst Degradation. *ECS Trans.*, 2010. 33(1): pp. 361-368.

O.M. Daniel, A. DeLaRiva, E.L. Kunkes, J.A. Dumesic, and R.J. Davis, X-ray Absorption Spectroscopy of Bimetallic Pt-Re Catalysts for Hydrogenolysis of Glycerol to Propanediols. *Chemcatchem*, 2010. 2(9): pp. 1107-1114.

P.D. Burton, E.J. Peterson, T.J. Boyle, Synthesis of High Surface Area ZnO(0001) Plates as Novel Oxide Supports for Heterogeneous Catalysts. *Catalysis Letters*, 2010. 139(1-2): pp. 26-32.

E.K. Berliba-Vera, D.A. T., P. Atanassov, Nucleation of Platinum on Carbon Blacks. *ECS Trans.*, 2010. 33(1): pp. 73-82.

### **Dirk, Elizabeth**

Cicotte, K.N.; Dirk, S.M., "Synthesis and Electrospun Fiber Mats of low  $T_g$  Poly(Propylene Fumarate-co-Propylene Maleate)," *Journal of Applied Polymer Science*, 117, 1984-1991, 2010.

Martinez, U.A., "Large-Scale Protein Arrays Generated with Interference Lithography for Spatial Control of Cell-Material Interactions," *Journal of Nanomaterials*, 2010.

### **El-Genk, Mohamed S.**

M. S. and Schriener, T. M., Performance and Radiological Analyses of Space Reactor Power System Deployed into a 1000 – 3000 km Earth Orbit, *J. Progress in Nuclear Energy*, 52, 2010, 236- 248.

Pham, T. T, Shielding Electronics Devices from Mono-energetic 100 Mev Protons, *J. Nuclear Science and Engineering*, 166, 2010, 58-72.

Gallo, B. M., High-Power Brayton Rotating Unit for Space Reactor and Solar Power Systems, *J. Propulsion and Power*, 26 (1), 2010, 167-176.

Rodriguez, S. B., Numerical Investigation of Potential Elimination of 'Hot Streaking' and Stratification in VHTR Lower Plenum Using Helicoid Inserts, *J. Nuclear Engineering and Design*, 240, 2010, 995-1004.

Ali, A. F., Enhancement of Saturation Boiling of PF-5060 on Micro-porous Copper Dendrite Surfaces, *J. Heat Transfer*, 132, 2010, 71501-1 – 71501-9.



Tournier, J.-M., P., and Gallo, B. M., Dynamic Simulation of a Space Reactor System with Closed Brayton Cycle Loops, *J. Propulsion and Power* 26(3), 2010, 394-406.

Amir F. Ali, Saturation and Subcooled Boiling on Copper Nano-dendrites Surfaces, *Proceedings 14th International Heat Transfer Conference*, Washington DC, August 2010.

Rodriguez, S. B., Cooling of an Isothermal plate using a Triangular Array of Swirling Air Jets, *Proceedings 14th International Heat Transfer Conference*, Washington DC, August 2010.

The Challenges of Introducing Nuclear Power in the Gulf Cooperation Council States, *Int. J. Nuclear Governance, Economy and Ecology*, 3 (1), 2010.

Ali, A. F., Enhanced Nucleate Boiling on Copper Micro-porous Surfaces, *Int. J. Multiphase Flow*, 36, 2010, 780-792.

Tournier, J.-M., On the Performance of Very High Temperature Reactor Plants with Direct and Indirect Closed Brayton Cycles, *ASME J. Engineering for Gas Turbines and Power*, 132, 2010, 032902-1 - 032902-7.

Rodriguez, S. B., On enhancing VHTR Lower Plenum Heat Transfer and Mixing via Swirling Jets, *Proceedings 10th International Congress on Advances in Nuclear Power Plants (ICAPP'10)*, June 2010, San Diego, CA.

Tournier, J.-M., On Modes and Kinetics of Nuclear Graphite Oxidation in Massive Air or Steam Ingress, *Proceedings of the 10th International Congress on Advances in Nuclear Power Plants (ICAPP'10)*, June 2010, San Diego, CA.

Nuclear Power in the Gulf Cooperation Council (GCC) States: Promise, Strategies and Challenges, *Int. J. Nuclear Energy Science and Technology*, 5 (3), 2010, 248-274.

Schriener, T. M., A Neutronics Analysis of Long-Life, Sected Compact Reactor Concepts for Lunar Surface Power, *J. Progress in Nuclear Energy*, August 2010.

Rodriguez, S. B., S. Domino, Fluid Flow and heat Transfer Analysis of the VHTR Lower Plenum Using the FUEGO CFD Code, *Proceedings CFD for Nuclear Reactor Safety (CFD4NRS-3)*, Washington D.C., September 2010.

Post-Operation Storage Options for Space Fission Reactors, *J. British Interplanetary Society*, 63, 2010, 61-73.

On End-of-Life Storage Options of Space Reactor Power Systems, *Proceedings 4th International Association for the Advancement of Space Safety Conference*, Huntsville, AL, May 2010.

T. M. Schriener, Pebble bed Reactor Power Systems for Lunar Outposts: Long Operation and End-of-Life Storage, *Proceedings 4th International Association for the Advancement of Space Safety Conference*, Huntsville, AL, May 2010.

Prospects for Nuclear Power in the Middle East and North Africa, *Garten and Rothkopf Publications*, July 2010.

**Freyer, James**

Goddard GR, Brown LO, Habbersett R, Brady CI, Martin JC, Graves SW, Doorn SK (2010). High resolution spectral analysis of individual SERS-active nanoparticles in flow. *J. Am. Chem. Soc.* 132: 6081-6090.

Smith HL, Hickey J, Jablin MS, Trujillo A, Majewski J (2010). Mouse fibroblast cell adhesion studied by neutron reflectometry. *Biophys. J.* 98: 793-799.

Houston JP, Naivar MA, (2010). Digital acquisition of fluorescence lifetime by frequency domain flow cytometry. *Cytometry 77A*: 861-872.

**Fulghum, Julia**

T.S. Olson, S. Pylypenko, P. Atanassov, Bifunctional Oxygen Reduction Reaction Mechanism on Non-Platinum Catalysts Derived from Pyrolyzed Porphyrins, *Journal of the Electrochemical Society*, 157 (2010) B54-B63.

S. Pylypenko, K. Artyushkova, Application of XPS spectral subtraction and multivariate analysis for the characterization of Ar<sup>+</sup> ion beam modified polyimide surfaces, *Applied Surface Science*, 256, 3204-3210, 2010.

**Graves, Steven**

Goddard G, Brown LO, Habbersett R, et al., High-Resolution Spectral Analysis of Individual SERS-Active Nanoparticles in Flow, *Journal of the American Chemical Society*, 132(17), 6081-6090, 2010.

Oakey J, Applegate RW, Arellano E, et al., Particle Focusing in Staged Inertial Microfluidic Devices for Flow Cytometry, *Analytical Chemistry*, 82(9), 3862-3867, 2010.

Deshpande A, Gans J, et al., A rapid multiplex assay for nucleic acid-based diagnostics, *Journal of Microbiological Methods*, 80(2), 155-163, 2010.

Saunders MJ, Sklar LA, et al., High-Throughput Multiplex Flow Cytometry Screening for Botulinum Neurotoxin Type A Light Chain Protease Inhibitors, *Assay and Drug Development Technologies*, 8(1), 37-46, 2010.

**Halevi, Barr**

E.J. Peterson, A. DeLaRiva, E. Jeroro, V.M. Lebarbier, Y. Wang, J.M. Vohs, B. Kiefer, E. Kunkes, M. Havecker, M. Behrens, R. Schlogl, and A.K. Datye, Aerosol-Derived Bimetallic Alloy Powders: Bridging the Gap, *The Journal of Physical Chemistry C* 114 (2010), 17181-17190.

E.J. Peterson, B. Kiefer, M.N. Spilde, A.K. Datye, J. Peterson, L. Daemen, A. Llobet, and H. Nakotte, Aerosol synthesis and Rietveld analysis of tetragonal ([beta]1) PdZn, *Journal of Alloys and Compounds* 509 (2011) 1463-1470.

**Han, Sang**

Darin Leonhardt, Josephine Sheng, Jeffrey G. Cederberg, Malcolm S. Carroll, Nanoscale Interfacial Engineering to Grow Ge on Si as Virtual Substrates and Subsequent Integration of GaAs, *Thin Solid Films*, 518, 5920-5927 (2010).

Jeffrey G. Cederberg, Darin Leonhardt, Josephine J. Sheng, Qiming Li, Malcolm Carroll, GaAs/Si epitaxial integration utilizing a two-step, selectively grown Ge intermediate layer, *J. Cryst. Growth*, 312, 1291-1296 (2010).

Threading-Dislocation- Free Nanoheteroepitaxy of GE on SI Using Self-Directed Touch-Down of GE Through a Thin SiO<sub>2</sub> Layer, U. S. Patent #7,888,244.

**Hecht, Adam**

Tyler Alecksen, Three-Dimensional Source Localization Using Uncollimated Arrays, *Transactions of the American Nuclear Society* 102, 429 (2010).

A.B. Hayes, D. Cline, K.J. Moody, I. Ragnarsson, C.Y. Wu, J.A. Becker, M.P. Carpenter, J.J. Carroll, D. Gohlke, J.P. Greene, R.V.F. Janssens, S.A. Karamian, T. Lauritsen, C.J. Lister, R.A. Macri, R. Propri, D. Seweryniak, X. Wang, R. Wheeler, and S. Zhu, Coulomb excitation of a <sup>242</sup>Am isomeric target: E2 and E3 strengths, rotational alignment, and collective enhancement, *Phys. Rev. C* 82, 044319 (2010).

N. Hoteling, C.J. Chiara, R. Broda, W.B. Walters, R.V.F. Janssens, M. Hjorth-Jensen, M.P. Carpenter, B. Fornal, W. Królas, T. Lauritsen, T. Pawłat, D. Seweryniak, X. Wang, A. Wöhr, J. Wrzesiński, S. Zhu, Structure of <sup>60,62</sup>Fe and the onset of  $\nu_{g/2}$  occupancy, *Phys. Rev. C* 82, 044305 (2010).

X.D. Tang, K.E. Rehm, I. Ahmad, C. R. Brune, A. Champagne, J.P. Greene, D.J. Henderson, R.V.F. Janssens, C.L. Jiang, L. Jisonna, D. Kahl, E.F. Moore, M. Notani, R.C. Pardo, N. Patel, M. Paul, G. Savard, J.P. Schiffer, R.E. Segel, S. Sinha, A.H. Wuosmaa, Determination of the E1 component of the low-energy <sup>12</sup>C( $\alpha,\gamma$ )<sup>16</sup>O cross section, *Phys. Rev. C* 81, 045809 (2010).

J.J. Ressler, J.A. Caggiano, C.J. Francy, P.N. Peplowski, J.M. Allmond, C.W. Beausang, L.A. Bernstein, D.L. Bleuel, J.T. Burke, P. Fallon, D.V. Jordan, S.R. Leshner, M.A. McMahan, T.S. Palmer, L. Phair, N.D. Scielzo, P.G. Swearingen, G.A. Warren, M. Wiedeking, Fission fragment isomers populated via <sup>6</sup>Li + <sup>232</sup>Th, *Phys. Rev. C* 81, 014301 (2010).

**Lau, Carolin**

Luckarift, H. R., S. R. Sizemore, et al. (2010). Standardized microbial fuel cell anodes of silica-immobilized *Shewanella oneidensis*. *Chem. Comm.* 46(33): 6048-6050.

Martin, G. L., et al. (2010). Fluorescence analysis of chemical microenvironments and their impact upon performance of immobilized enzyme. *Analyst* 135(5): 1131-1137.

G. Martin, et al. (2010). Development of a Chitosan Scaffold Electrode for Fuel Cell Applications. *Electroanalysis* 22: 793-798.

**López, Gabriel P.**

Magin, C.M.; Long, C.J.; Cooper, S.P.; Ista, L.K.; Brennan, A.B. Engineering Antifouling Microtopographies: The role of Reynolds number in a Model that Predicts Attachment of Zoospores of *Ulva* and cells of *Cobetia marina*, *Biofouling* 2010, 26, 719-727.

Buranda, T.; Wu, Y.; Perez, D.; Jett, S.D.; Bondu-Hawkins, V.; Ye, C.; Edwards, B.; Hall, P.; Larson, R.S.; Edwards, B.; Sklar, L.A.; Hjelle, B. Recognition of Decay Accelerating Factor and  $\alpha\text{v}\beta_3$  by Inactivated Hantaviruses: Toward the Development of High-Throughput Screening Flow Cytometry Assays, *Anal. Biochem.* 2010, 402, 151-160.

Ding, L.; Chi, E.Y.; Schanze, K.S.; Whitten, D.G. Insight into the Mechanism of Antimicrobial Conjugated Polyelectrolytes: Lipid Head-group Charge and Membrane Fluidity Effects, *Langmuir* 2010, 26, 5544-5550.

Artyushkova, K.; Garcia, A. Detecting Molecular Separation in Nano-fluidic Channels Through Velocity Analysis of Temporal Image Sequences by Multivariate Curve Resolution, *Microfluid. Nanofluid.* 2010, 9, 447-459.

Adams, J.; Tizazu, G.; Janusz, S.; Brueck, S.R.J.; Leggett, G.J. Large-Area Nanopatterning of Self-Assembled Monolayers of Alkanethiolates by Interferometric Lithography, *Langmuir*, 2010, 26, 13600-13606.

Reed, J.A.; Lucero, A.E.; Hu, S.; Ista, L.K.; Bore, M.T.; Canavan, H.E. A Low Cost, Rapid Deposition Method for "Smart Films:" Applications in Mammalian Cell Release, *ACS Appl. Mater. & Interfaces* 2010, 2, 1048-1051.

Brueck, S.R.J.; Xia, D.; Jiang, Y.; He, X. Tailoring Anisotropic Wetting Properties on Submicrometer-Scale Periodic Grooved Surfaces, *Langmuir* 2010, 26, 2700-2706.

Chemburu, S.; Fenton, K.; Zeineldin, R. Biomimetic Silica Microspheres in Biosensing, *Molecules* 2010, 15, 1932-57.

Ista, L.K.; Mendez, S. Attachment and Detachment of Bacteria on Surfaces with Tunable and Switchable Wettability, *Biofouling* 2010, 26, 111-118.

**Petsev, Dimiter**

Transport in Fluidic Nanochannels, in *Nanoscience: Colloidal and Interfacial Systems*, V. M. Starov, Editor, (Taylor & Francis, 2010).

O. D. Velev, Transport Control of Fluid and Solutes in Microchannels Using AC Field and Semiconductor Diodes, in *Continuum Mechanics*, A. Koppel and J. Oja, Editors (Nova Publishers, 2010).

S. Mendez, E. M. Fenton, G. R. Gallegos, S. S. Sibbett, H. A. Stone, Y. Zhang, and G. P. López, Imbibition in Porous Membranes of Complex Shape: Quasi-stationary Flow in Thin Rectangular Segments, *Langmuir*, 26 (2010) p. 1380.

S. Pylypenko, T. S. Olson, P. Maksimyuk, N. J. Carroll and P. Atanassov, Templated Platinum/Carbon Oxygen Reduction Fuel Cell Electrocatalysts, *J. Phys. Chem. C*, 114 (2010) p. 4200.

J. O. Toro-Mendoza, Brownian Dynamics of Emulsion Film Formation and Droplet Coalescence, *Phys. Rev. E*, 81 (2010) p. 051404; Erratum: Brownian Dynamics of Emulsion Film Formation and Droplet Coalescence, *Phys. Rev. E*, 82 (2010) p. 019903.

N. J. Carroll, S. Pylypenko, A. Ortiz, B. T. Yonemoto, C. Lopez, P. Atanassov, D. A. Weitz, Droplet Based Microfluidics for Synthesis of Mesoporous Silica Microspheres, *MRS Symposium Proceedings*, 1272 (2010) KK08-02.

I. M. Tucker, J. T. Petkov, J. Penfold, R. K. Thomas, C. C. Dong, S. Golding, C. Gibson, I. Grillo, The Impact of Multivalent Counterions,  $Al^{3+}$ , on the Surface Adsorption and Self-Assembly of the Anionic Surfactant Alkylxyethylene Sulfate and Anionic / Nonionic Surfactant Mixtures, *Langmuir*, 26 (2010) p. 16699.

### **Prinja, Anil K.**

J.S. Warsa, J.D. Densmore and J.E. Morel, Manufactured Solutions in the Thick Diffusion Limit, *Nuclear Science and Engineering*, Vol. 166, 36 (2010).

F.J. Souto, Some Considerations on Stochastic Neutron Populations, *Transactions of the American Nuclear Society*, Vol. 102, 255 (2010).

M.E. Rising, and F.B. Brown, The Probability of Initiation in MCNP, *Transactions of the American Nuclear Society*, Vol.102, 258 (2010).

E.W. Larsen, General Principles of Neutron Transport, *Handbook of Nuclear Engineering*, D.G. Cacuci (Ed.): Volume 1, *Nuclear Engineering Fundamentals*, Chapter 5, pp. 427 - 542, Springer (2010).

### **Roderick, Norman**

P.J. Turchi, N.F. Roderick, J.H. Degnan, M.H. Frese, and D.J. Amdahl, Review of Some Plasma Gun Techniques for Fusion at Megagauss Energy Densities, *IEEE Transactions on Plasma Science*, Vol. 38, No. 8, Part 1 of 3, Aug 2010, p. 1864.

### **Tournier, Jean-Michel**

El-Genk, M. S., J.-M. Tournier and B. M. Gallo, Dynamic Simulation of a Space Reactor System with Closed Brayton Cycle Loops, *Journal of Propulsion and Power*, 26 (3), 2010, 394-406.

El-Genk, M. S., On the Performance of Very High Temperature Reactor Plants with Direct and Indirect Closed Brayton Cycles, *J. Engineering for Gas Turbines and Power*, 132, 2010, 032902-1-7.

El-Genk, M. S., On Modes and Kinetics of Nuclear Graphite Oxidation in Massive Air or Steam Ingress, *Proceedings of 2010 International Congress on Advances in Nuclear Power Plants (ICAPP '10)*, San Diego, CA, 2010, American Nuclear Society, La Grange Park, IL.

### **Ward, Timothy L.**

Jiang X, van Swol F, et al., Numerical Simulation of Ethanol-Water-NaCl Droplet Evaporation, *Industrial & Engineering Chemistry Research*, 49(12) 5631-5643, 2010.

Jiang XM, Cheng YS, et al. Aerosol Fabrication of Hollow Mesoporous Silica Nanoparticles and Encapsulation of L-Methionine As A Candidate Drug Cargo, *Chemical Communications*, 46(17) 3019-3021, 2010.

Konopka DA, Pylypenko S, Atanassov P, et al. Synthesis by Spray Pyrolysis of Mesoporous NbRuYO<sub>z</sub> as Electrocatalyst Supports in Fuel Cells, *ACS Applied Materials & Interfaces*, 2(1) 86-95, 2010.

**Whitten, David G.**

Liping Ding, Eva Y. Chi, Eunkyung Ji, Kirk S. Schanze, Gabriel P. Lopez, Insight into the Mechanism of Antimicrobial Conjugated Polyelectrolytes: Lipid Headgroup Charge and Membrane Fluidity Effects, *Langmuir*, 2010, 26, 5544-5550.

Yanli Tang, Komandoor E. Achyuthan, Label Free and Real Time Sequence Specific DNA Detection based on Supramolecular Self Assembly, *Langmuir*, 2010 26, 6832-6837.

Komandoor E. Achyuthan, Darren W. Branch, Supramolecular Self-Assembling Cyanine as an Alternative to Ethidium Bromide Displacement in DNA-Drug Model Interactions during High Throughput Screening, *Analytical Sciences* 2010, 26, 55-61.

Ying Wang, Yanli Tang, Zhijun Zhou, Eunkyung Ji, Gabriel P. Lopez, Eva Y. Chi, Kirk S. Schanze, Membrane Perturbation Activity of Cationic Phenylene Ethynylene Oligomers and Polymers: Selectivity against Model Bacterial and Mammalian Membranes, *Langmuir*, 2010, 26.

Zhijun Zhou, Thomas S. Corbitt, Anand Parthasarathy, Yanli Tang, Linnea K. Ista, Kirk S. Schanze, "End-Only" Functionalized Oligo(phenylene ethynylene)s: Synthesis, Photophysical and Biocidal Activity, *J. Phys. Chem. Lett.*, 2010, 1 (21), 3207-3212.

## CIVIL ENGINEERING

### **Bogus, Susan**

Bogus, Susan M., Migliaccio, Giovanni C., and Cordova, Arturo A. (2010). "Assessment of Data Quality for Evaluations of Manual Pavement Distress." *Transportation Research Record: Journal of the Transportation Research Board*, No. 2170, pp. 1-8.

Jones, Birk and Bogus, Susan M. (2010). "Decision Process for Energy Efficient Building Retrofits: The Owner's Perspective." *Journal of Green Building*, 5(3), pp. 131-146.

Migliaccio, Giovanni C., Bogus, Susan M., and Chen, Ao. (2010). "Effect of Duration of Design-Build Procurement on Performance of Transportation Projects." *Transportation Research Record: Journal of the Transportation Research Board*, No. 2151, pp. 67-73.

Bogus, Susan M., Shane, Jennifer S., and Molenaar, Keith R. (2010). "Contract Payment Provisions and Project Performance: An Analysis of Municipal Water and Wastewater Facilities." *Public Works Management & Policy*, 15(1), pp. 20-31.

Bogus, Susan M., Song, Jongchul, Waggerman, Raymond, and Lenke, Lary R. (2010). "Rank Correlation Method for Evaluating Manual Pavement Distress Data Variability." *ASCE Journal of Infrastructure Systems*, 16(1), pp. 66-72.

Bogus, Susan M., Migliaccio, Giovanni C., and Cordova, Arturo A. (2010). "Performance of Manual Condition Surveys Using Inter-Rater Agreement Measurements," *Proceedings of the CIB 2010 World Congress*, Salford Quays, United Kingdom, May 2010.

Migliaccio, Giovanni C., Bogus, Susan M., and Chen, Ao. (2010). "Relationship between Design-Build Procurement Duration and Project Success," *Proceedings of the CIB 2010 World Congress*, Salford Quays, United Kingdom, May 2010.

Bogus, Susan M., Shane, Jennifer S., Molenaar, Keith R. (2010). "Comparison of Water/Wastewater Project Performance by Project Delivery System and Payment Provision," *Proceedings of the 2010 ASCE Construction Research Congress*, Banff, Alberta, Canada, May 2010, pp. 859-868.

### **Coonrod, Julie**

Ho J, Coonrod J, Gill T, Mefford B. Case Study: Movable Bed Model Scaling for Bed Load Sediment Exclusion at Intake Structure on Rio Grande, *ASCE Journal of Hydraulic Engineering*, Vol. 136, No. 4, April, 2010, pp. 247-250.

### **Gerstle, Walter**

Gerstle, W., Sakhavand, N. and Chapman, S. "Peridynamic Modeling of Reinforced Concrete Lap Splice," *Proceedings of the ASCE Engineering Mechanics Institute 2010 Conference*, Los Angeles, CA, August 2010.

Gerstle, W. Sakhavand, N. and Chapman, S. "Peridynamic and Continuum Models of Reinforced Concrete Lap Splice Compared," *Fracture Mechanics of Concrete and Concrete Structures - Assessment, Durability, Monitoring and Retrofitting of Concrete Structures*, B. H. Oh, et al. (eds), *Proceedings of the 7th International Conference on Fracture Mechanics of Concrete and Concrete Structures (FraMCoS-7)*, Jeju, Korea, May 2010, pp. 306-312.

Gerstle, W., Lenke, L.R., Reda Taha, M., Hays, J.S., Cabrera, A.S., Magallanes, J.M., Martinez, R., "Comparison of stiff tension fracture test and notched beam level II fracture tests," *Fracture Mechanics of Concrete and Concrete Structures - Assessment, Durability, Monitoring and Retrofitting of Concrete Structures*, B. H. Oh, et al. (eds), *Proceedings of the 7th International Conference on Fracture Mechanics of Concrete and Concrete Structures (FraMCoS-7)*, Jeju, Korea, May 2010, pp. 696-702.

Gerstle, W., "Progress in Developing a Standard Fracture Toughness Test for Concrete," *Proceedings of the 2010 ASCE Structures Congress and the 19th Analysis and Computation Specialty Conference*, Senapathi, Casey, and Hoit, (eds.), ASCE Structural Engineering Institute, Orlando, Florida, May 2010, pp. 1915-1926.

#### **Howe, Kerry**

Higgin, R., K.J. Howe, and T.M. Mayer. "Synergistic Behavior between Silica and Alginate: Novel Approach for Removing Silica Scale from RO Membranes." *Desalination*, Vol. 250, No. 1, pp. 76-81, 2010.

#### **Arup Maji**

Harris, Maji, deBlonk, Whetzal, "Optical Testing of a Deployable Space Telescope," *Experimental Techniques*, Sept-Oct 2010.

Urgessa G. and Maji A. K., "Dynamic Response of Retrofitted Masonry Walls for Blast Loading," *ASCE J. Engineering Mechanics*, July 2010, pp. 858-864.

Torres A., Maji A., Tarefder R., "The Development of a Modified Biaxial Composite Test Specimen," *Proceedings of ASCE Earth and Space 2010*, HI, March 2010.

Montoya A., Maji A., "Transmission of acoustic waves to assess the quality of panel to panel connections in satellites," *Proceedings of ASCE Earth and Space 2010*, HI, March 2010.

Maji A., "Effectiveness of Textbook and Outside Sources in Teaching Engineering Economics," *Proceedings of ASEE National Conference*, Louisville, KY, 2010.

#### **Schuler, Andrew**

Cooper, E.M, H.M. Stapleton, C.W. Matson, R.T. Di Giulio, and A.J. Schuler (2010). UV treatment and biodegradation of dibenzothiophene: Identification and toxicity of products. *Environ. Tox. and Chem.* 29(11): 2409-2416.

Jones, P.A, and A.J. Schuler (2010). Seasonal variability of biomass density and activated sludge settleability in full-scale wastewater treatment systems. *Chemical Eng. Journal* 164: 16-22.



Kim, H.K., J.W. Gellner, J.P. Boltz, R.G. Freudenberg, C.K. Gunsch, A.J. Schuler (2010). Effects of integrated fixed film activated sludge media on activated sludge settling in biological nutrient removal systems. *Water Res.* 44: 1553-1561.

### **Stone, Mark**

Li, Y., Acharya, K., Stone, M.C., and D. Chen. 2010. Modeling water ages and thermal structure of Lake Mead under changing water levels. *Lake and Reservoir Management*, 26:258-272.

Chen, D., Stone, M.C., and Acharya, K. 2010. Sensitivity analysis of non-equilibrium adaptation parameters for modeling mining-pit migration. *Journal of Hydraulic Engineering*, 136(10):806-811.

Gautam, M.R., Acharya, K., and M. Stone. 2010. Best Management Practices for Stormwater Management in the Desert Southwest. *Journal of Contemporary Water Research & Education*, 146:39-49

### **Stormont, John**

R.E. Pease, J.C. Stormont, J. Hines, and D. O'Dowd (2010) "Hydraulic Properties of Asphalt Concrete," *Geotechnical Testing Journal*, Vol. 33, No. 6, pp. 445-452.

Stormont, J.C., K. Henry, and R.E. Pease (2010) "Draining Unsaturated Soils with Geosynthetics," *Geosynthetics International*, Vol. 17, No. 5, pp. 332-343.

### **Reda Taha, Mahmoud**

Choi, K-K., Reda Taha, M. M., Masia, M.J., Shrive, P.L. and Shrive, N.G. "Numerical Investigation of Creep Effects on FRP-Strengthened RC Beams," *ASCE Journal of Composites for Construction*, Vol. 14, No. 6, pp. 812-822, 2010.

Kim, J.J., Reda Taha, M.M. and Ross, T. J. "Establishing Concrete Cracking Strength Interval using Possibility Theory with Application to Predict Possible RC Deflection Interval," *Engineering Structures*, Vol. 32, pp. 3592-3600, 2010.

Rammohan, R., Farfan, B.G., Su, M.F., El-Kady, I and Reda Taha, M.M., "Hybrid genetic optimization for design of photonic crystal emitters," *Engineering Optimization*, Vol. 42, No. 9, pp. 791-809, 2010.

Kim, J., Fan, T., Reda Taha, M.M., "A Homogenization Model Examining the Significance of Nanosilica on Concrete Strength and Stiffness," *Journal of the Transportation Research Board (TRB)*, No. 2141, pp. 28-35, 2010.

Reda Taha, M.M. "A Neural-Wavelet Technique for Damage Identification in the ASCE Benchmark Structure using Phase II Experimental Data," *Advances in Civil Engineering*, Vol. 2010, No. 675927, 13 pp.

Reda Taha, M.M., Masia, M.J., Choi, K-K., Shrive, P.L. and Shrive, N.G. "Creep Effects in Plain and FRP-Strengthened RC Beams," *ACI Structural Journal*, Vol. 107, No. 6, pp. 627-635, 2010.

Al-Haik, C., Reda Taha, M. M., Luhrs, M.M., Roy, A., Dai, L., Phillips, J. and Doorn, S. "Hybrid Carbon Fibers/Carbon Nanotubes Structures for Next Generation Polymeric Composites," *Journal of Nanotechnology*, Vol. 2010, Article ID 860178, 2010, 9 pp.

Li, D. S., Baniassadi, M. Garmestani, H. Ahzi, S., Reda Taha, M.M. and Rush, D. "3D Microstructure Reconstruction of Carbon Nanotube Composites Using Correlation Function," *Journal of Computational and Theoretical Nanoscience*, Vol. 7, 2010, pp. 1462-1468.

Jalalpour, M., Reda Taha, M. M. and Austin, E. "Correlating Shear Slip and Contact Pressure for Health Monitoring of Bolted Joints in Aerospace Structures," *Proceedings of the ASME 2010 Conference on Smart Materials, Adaptive Structures and Intelligent Systems, SMASIS 2010*, Philadelphia, Pennsylvania, September 2010.

Jalalpour, M., El-Osery, A. and Reda Taha, M. M. "Damage Tracking Using Smart Sensor Network," *Proceedings of the ASME 2010 Conference on Smart Materials, Adaptive Structures and Intelligent Systems, SMASIS 2010*, Philadelphia, Pennsylvania, September 2010.

Luk, T.-S., Xiong, S.; Farfan, B.G.; Chow, W.W.; El-Kady, I.; Miao, X.; Resnick, P.J.; Su, M.F.; Subramania, G.; Reda Taha, M.; Brinker, C.J. "Strong Purcell enhancement of emission from close-packed colloidal quantum-dots in a photonic-lattice cavity," *Proceedings of IEEE Photonics Society Winter Topicals Meeting Series, WTM 2010*, pp. 124-125, 2010.

Kim, J. J., Reda Taha, M. M., "Calibration of Partial Safety Factors for Masonry Panel Design Considering Creep and Damage," *Proceedings of the 8th International Masonry Conference*, Dresden, Germany, pp. 989-996, July 2010.

Fan, T., Kim, J. J., Reda Taha, M. M., Shrive, N. G. "Simulating Damage and Creep Interaction in Masonry Columns Considering Interface Debonding," *Proceedings of 8th International Masonry Society Conference*, Dresden, Germany, pp. 1791-1799, July 2010.

Gerstle, W., Lenke, L.R., Reda Taha, M.M. Magallanes, J.M., Martinez, R., Hays, J.S. and Cabrera, A.S. "Comparison of Direct Stiff Tension and Notched Beam Fracture Test Results," *Proceedings of the 7th International Conference on Fracture Mechanics of Concrete and Concrete Structures (FraMCoS-7)*, Jeju, South Korea, May 2010 .

Reinhardt, A., Soliman, E., Sheyka, M., Al-Haik, M., Reda Taha, M.M. "Fracture Toughness of Hydrated Cement Using Nanoindentation," *Proceedings of 7th International Conference on Fracture Mechanics of Concrete and Concrete Structures (FraMCoS-7)*, Jeju, South Korea, May 2010.

### **Tarefder, Rafiqul**

"Pavements and Materials: Testing and Modeling in Multiple Length Scales." (2010). Editors: Tarefder, R. A., Kim, Y. R., You, Z., and Wang, L., Trends in Engineering Mechanics, Engineering Mechanics Institute, *American Society of Civil Engineers Press*, 217 pp.

*Proceedings of International Workshop on Energy and Environment in the Development of Sustainable Asphalt Pavements*. (2010). Edited by Sha, A., Tarefder, R. A., and Wang, L., *Xian Jiaotong University Press*, Xian, China, 591 pp.

*Modeling in Geotechnical Engineering for Design and Materials*. (2010). Edited by Tarefder, R. A., Chen, D. H., and Ge, Y. N., *Special Issue of International Journal of Geomechanics*, American Society of Civil Engineers Press, Volume 10, Issue 6, pp. 219-269.

Tarefder, R. A., Yousefi, S. and Kias, E. (2010). "Factors that Affect the Rheological Properties of Asphalt Matrix." *ASCE Engineering Mechanics Special Publication No.1*, Engineering Mechanics Institute, American Society of Civil Engineers, pp. 151-165.

Tarefder, R. A., and Iffat, A. (2010). "Molecular Dynamic Simulation of Oxidative Aging in Asphaltene." *ASCE Engineering Mechanics Special Publication No.1*, Engineering Mechanics Institute, American Society of Civil Engineers, pp. 16-29.

Tarefder, R. A., Arifuzzaman, M., and Uddin, W. (2010). "Determining Hardness and Elastic Modulus of Asphalt by Nanoindentation." *International Journal of Geomechanics*, ASCE, Vol. 10, No. 2, pp. 106-116.

Tarefder, R. A., Saha, N., and Stormont, J. (2010). "Evaluating Subgrade Strength and Pavement Designs for Reliability." *ASCE Journal of Transportation Engineering*, Vol. 136, No. 4, pp. 379-391.

Tarefder, R. A., and Arifuzzaman, M. (2010). "Nanoscale Evaluation of Moisture Damage in Polymer Modified Asphalts." *ASCE Journal of Materials in Civil Engineering*, Vol. 22, No. 7, pp. 714-725.

Bateman, D., and Tarefder, R. A. (2010). "Effects of Moisture on Perpetual Pavements." *Proceedings of the 2nd International Conference of Transport Infrastructures*, São Paulo, Brazil, August 2010, Paper 182.

Tarefder, R. A., and Arifuzzaman, M. (2010). "Nanoindentation Study on Moisture Damage in Asphalt Concrete." *Proceedings of the 8th International Transportation Specialty Conference*, ITSC-08, June 2010, Winnipeg, Canada.

Wasiuddin, N., Zaman, M., and Tarefder, R. A., (2010). "Field Performance of Chat-Asphalt Test Road." *Proceedings of the 89th Annual Meeting Transportation Research Record*, 20 pp.

Tarefder, R. A., and Sumeer, N. (2010). "Use of WIM Data to Evaluate Growth Including Economic Activities Attributed to Reconstruction of a Warranty Road." *Proceedings of the 2nd International Conference of Transport Infrastructures*, São Paulo, Brazil, August 2010, Paper 181.

Torres, A., Maji, A., and Tarefder, R.A. (2010). "The Development of a Modified Bi-Axial Composite Test Specimen." *Proceedings of the Twelfth ASCE Aerospace Division International Conference on Engineering, Science, Construction, and Operations in Challenging Environments*, Honolulu, Hawaii, pp. 1716-1722.

Tarefder, R. A. (2010). "Understanding Issue of Waste Materials in the Environmental and Ecological Streams and the Production and Use of Sustainable, Cost-Effective Recycled Products." *Proceedings of International Workshop on Energy and Environment in the Development of Sustainable Asphalt Pavements*, Xian Jiaotong University Press, Xian, China.

Tarefder, R. A., and Arifuzzaman, M. (2010). "Moisture Damage Study on Plastomer Modified Asphalt Binder using Functionalized AFM Tips." *Proceedings of the International Conference on Engineering and Meta-Engineering*, April 2010, Orlando, Florida.

**Ross, Timothy**

*Fuzzy Logic with Engineering Applications*, 3<sup>rd</sup> Edition, John Wiley & Sons, Chichester, UK, 2010.

“Establishing Concrete Cracking Strength Interval using Possibility Theory with Application to Predict Possible RC Deflection Interval Engineering Structures,” *Journal of Engineering Structures*, (32), 2010, pp. 3592-3600 (with M. Taha and J. Kim).

## ELECTRICAL AND COMPUTER ENGINEERING

### **Abdallah, Chaouki**

I. Lopez, C.T. Abdallah, and S. Jayaweera, Limitations in Tracking Systems, *Journal of Control Theory and Applications*, Volume 8, Number 3, pp. 351-358.

R.A. Borges, R.C.L.F. Oliveira, C.T. Abdallah, and P.L.D. Peres, A BMI Approach for  $H^\infty$  Gain Scheduling of Discrete Time-Varying Systems, *International Journal of Robust and Nonlinear Control*, Volume 20, Issue 11, pp. 1255-1268, 25 July 2010.

R.A. Borges, R.C.L.F. Oliveira, C.T. Abdallah, P.L.D. Peres,  $H^\infty$  Filtering for Discrete-Time Linear Systems with Bounded Time-Varying Parameters, *Signal Processing*, Volume 90, Number 1, pp. 282-291, January 2010.

R.A. Borges, R.C.L.F. Oliveira, C.T. Abdallah, and P.L.D. Peres, Robust  $H^\infty$  Networked Control for Systems with Uncertain Sampling Rates, *IET Control Theory and Applications*, Volume 4, pp. 50-60, 2010.

J. Khoury, C.T. Abdallah, and G.L. Heileman, Towards Formalizing Network Architectural Descriptions, In Frappier et al. (Eds.): *ABZ 2010, LNCS 5977*, pp. 132-145, Springer, Heidelberg 2010.

S.I. Niculescu, W. Michaels, K. Gu, and C.T. Abdallah, Delay Effects on Output Feedback Control of Dynamical Systems, Editor: F.M. Atay, pp. 63-84, Springer, *Understanding Complex Systems*, Heidelberg, 2010.

J. Khoury, C.T. Abdallah, and G.L. Heileman, Towards Formalizing Network Architectural Descriptions, in *Proceedings ABZ 2010*, Oxford, Quebec, Canada, Feb 2010.

A. Ghaffarkhah, Y. Mostofi, and C.T. Abdallah, Decentralized Formation Control and Connectivity Maintenance of Multi-Agent Systems using Navigation Functions, *Proceedings of ACC*, 2010.

J. Costantine, Y. Tawk, C.G. Christodoulou, and C.T. Abdallah, Reducing Complexity and Improving the Reliability of Frequency Reconfigurable Antennas, *Proceedings of EUCAP*, 2010.

### **Balakrishnan, Ganesh**

Lai, Y.Y., Yarborough, J.M., Kaneda, Y., et al., 340-W Peak Power From a GaSb 2- $\mu$ m Optically Pumped Semiconductor Laser (OPSL) Grown Mismatched on GaAs, *IEEE Photonics Technology Letters*, Vol. 22, Iss. 16, pp. 1253-1255, Aug 15, 2010.

Plis, E., Rodriguez, J.B., Balakrishnan, G., et al., Mid-infrared InAs/GaSb strained layer superlattice detectors with nBn design grown on a GaAs substrate, *Semiconductor Science And Technology*, Vol. 25, Iss. 8, Paper No. 085010, Aug 2, 2010.

Albrecht, A.R., Rotter, T.J., Hains, C.P., et al., Multi-watt 1.25  $\mu$ m quantum dot VECSEL, *Electronics Letters* Vol. 46, Iss. 12, pp. 856-U75, June 10, 2010.

Jallipalli, A., Balakrishnan, G., Huang S.H., et al., Structural Analysis of Highly Relaxed GaSb Grown on GaAs Substrates with Periodic Interfacial Array of 90° Misfit Dislocations, *Nanoscale Research Letters*, Vol. 4, Iss. 12, pp. 1458-1462, 2010.

Tatebayashi, J., Jallipalli, A., Kutty, M.N., et al., Monolithically Integrated III-Sb-Based Laser Diodes Grown on Miscut Si Substrates, *IEEE Journal Of Selected Topics In Quantum Electronics*, Vol. 15, Iss. 3, pp. 716-723, 2010.

Tawk, Y.; Albrecht, A.R.; Hemmady, S.; Balakrishnan, G.; Christodoulou, C.G. Optically Pumped Frequency Reconfigurable Antenna Design, *Antennas and Wireless Propagation Letters, IEEE*, Vol.9, pp. 280-283, 2010.

Moloney, J. V., Hader, J., Wang, T.-L., Ying, Y., Kaneda, Y., Yarborough, J. M., Rotter, T.J., Balakrishnan, G., Hains, C., Koch, S.W., Stolz, W., Kunert, B., Bedford, R. Power scaling of cw and pulsed IR and mid-IR OPSLs, *Proceedings of Photonics West*, 2010.

High-power 1.25  $\mu\text{m}$  InAs QD VECSEL based on resonant periodic gain structure, Albrecht, A.R., Rotter, T.J., Hains, C.P., Stintz, A., Xin, G., Wang, T-L., Kaneda, Y., Moloney K. J. Malloy, J.V., Balakrishnan, G., *Proceedings of Photonics West*, 2010.

Lattice mismatched growth for mid-IR VECSELs, Balakrishnan, G., Rotter, T. J., Ahirwar, P., Clark, S.P., Patel, V., Albrecht, A., Hains, C.P., Lai, Y.-Y., Wang, T.L., Yarborough, J.M., Mathine, D., Kaneda, Y., Moloney, J.V., Hader, J., Koch, S.W., *Proceedings of Photonics West*, 2010.

Tawk, Y., Albrecht, A.R., Hemmady, S., Balakrishnan, G., Christodoulou, C.G., Optically pumped reconfigurable antenna systems (OPRAS), *Proceedings of Antennas and Propagation Society International Symposium (APSURSI)*, pp. 1-4, July 2010.

Tawk, Y., Al-Husseini, M., Hemmady, S., Albrecht, A.R., Balakrishnan, G., Christodoulou, C.G., Implementation of a cognitive radio front-end using optically reconfigurable antennas, *Proceedings of Electromagnetics in Advanced Applications (ICEAA)*, pp. 294-297, Sept. 2010.

D. Sandham, New high for quantum dot VECSELs, *Electron. Lett.* 46, 807, 2010.

### **Barriga, E. Simon**

Agurto, C.; Murray, V.; Barriga, E.; Murillo, S.; Pattichis, M.; Davis, H.; Russell, S.; Abramoff, M.; Soliz, P., Multiscale AM-FM Methods for Diabetic Retinopathy Lesion Detection, *Medical Imaging, IEEE Trans. Med. Imaging*, vol. 29, no. 2, pp. 502-512, Feb 2010.

Barriga, E. Simon; Murray, Victor; Agurto, Carla; Pattichis, Marios; Bauman, Wendall; Zamora, Gilberto; Soliz, Peter, Automatic system for diabetic retinopathy screening based on AM-FM, partial least squares, and support vector machines, *Proceedings of 2010 IEEE International Symposium on Biomedical Imaging: From Nano to Macro*, pp. 1349- 1352, 2010.

P. Soliz, B. Davis, V. Murray, M. Pattichis, S. Barriga, and S. Russell, Toward automatic phenotyping of retinal images from genetically determined mono- and dizygotic twins using amplitude modulation-frequency modulation methods, *Proceedings of SPIE*, vol. 7624, 76243F, 2010.

C. Agurto, S. Barriga, V. Murray, M. Pattichis, and P. Soliz, Effects of image compression and degradation on an automatic diabetic retinopathy screening algorithm, *Proceedings of SPIE*, vol. 7624, 76240H, 2010.

**Brueck, Steven**

*Seeing Photons: Progress and Limits of Visible and Infrared Sensor Arrays*, National Research Council, National Academy Press, Washington DC, (2010).

D. Xia, X. He, Y.-B. Jiang, G. P. Lopez and S. R. J. Brueck, Tailoring Anisotropic Wetting Properties on Submicrometer-Scale Periodic Grooved Surfaces, *Langmuir* 26, 2700 (2010).

E. R. Brown, E. A. Mendoza, D. Xia and S. R. J. Brueck, Narrow THz Spectral Signatures through an RNA Solution in Nanofluidic Channels, *IEEE Sensors Jour.* 10, 755 (2010).

S. C. Lee, S. Krishna and S. R. J. Brueck, Light Direction Dependent Plasmonic Enhancement in Quantum Dot Infrared Photodetectors, *Appl. Phys. Lett.* 97, 021112 (2010).

J. Adams, G. Tizazu, S. Janusz, S. R. J. Brueck, G. P. Lopez and G. J. Leggett, Large-Area Nanopatterning of Self-Assembled Monolayers of Alkanethiolates by Interferometric Lithography, *Langmuir* 26, 13600-13606 (2010).

S. Smolev, Z. Ku, S. R. J. Brueck, I. Brener, M. B. Sinclair, G. A. Ten Eyck, W. L. Langston, and L. I. Basilio, Resonant coupling to a dipole absorber inside a metamaterial: Anticrossing of the negative index response, *J. Vac. Sci. Technol. B* 28, C6016 (2010).

D. Xia, Y-B Jiang, X. He and S. R. J. Brueck, Titania Nanostructure Arrays from Lithographically Defined Templates, *Appl. Phys. Lett.* 97, 223106 (2010).

A. K. Raub and S. R. J. Brueck, Large Area 3D Photonic Crystals with Embedded Waveguides, *Jour. Vac. Sci. Technol. B* 28, C6038 (2010).

A. Neumann, Y. Kuznetsova and S. R. J. Brueck, Imaging Interferometric Nanoscopy To The Limits Of Available Frequency Space, *Proceedings of Focus on Microscopy*, Shanghai, China, 2010.

Z. Ku, K. M. Dani, P. C. Upadhyaya, R. P. Prasankumar, A. J. Taylor and S. R. J. Brueck, Ultrafast, Dual-Band Optical Switching Device with a Negative-Index Metamaterial, *Proceedings of CLEO/QELS '10*, San Jose, CA, 2010.

S. Smolev, Z. Ku, S. R. J. Brueck, I. Brener, M. Sinclair, G. Ten-Eyk, W. Langson and L. Basilio, Hybridization of the Negative Index Response by Resonant Coupling to a Dipole Absorber Inside a Metamaterial, *Proceedings of CLEO/QELS '10*, San Jose, CA, 2010.

A. Raub and S. R. J. Brueck, Large Area 3D Photonic Crystals with Embedded Waveguides, *Proceedings of EIPBN '10*, Anchorage, AK, 2010.

S. Smolev, Z. Ku, S. R. J. Brueck, I. Brener, M. Sinclair, G. Ten Eyck, W. Langston and L. Basilio, Experimental Demonstration of Resonant Coupling to a Dipole Absorber Inside a Metamaterial: Hybridization of the Negative Index Response, *Proceedings of EIPBN '10*, Anchorage, AK, 2010.

C-C. Liu, A. Raub, P. Hakeem, S. R. J. Brueck and P. Nealey, The Integration of Block Copolymer Directed Assembly with 193 Immersion Lithography, *Proceedings of EIPBN '10, Anchorage, AK, 2010*.

**Calhoun, Vince**

C. Abbott, D. I. Kim, S. Sponheim, J. R. Bustillo, and V. D. Calhoun, Decreased Default Mode Neural Modulation with Age in Schizophrenia, *American Journal of Geriatric Psychiatry*, vol. 18, pp. 897-907, 2010.

S. Arja, Z. Feng, Z. Chen, A. Caprihan, K. A. Kiehl, T. Adali, and V. D. Calhoun, Changes in fMRI Magnitude Data and Phase Data Observed in Block-Design and Event-Related Tasks, *NeuroImage*, vol. 49, pp. 3149-3160, 2010.

J. Arribas, V. D. Calhoun, and T. Adali, Automatic Bayesian classification of healthy controls, bipolar disorder and schizophrenia using intrinsic connectivity maps from fMRI data, *IEEE Trans Biomed Eng*, vol. 57, pp. 2850-2860, 2010.

M. Assaf, K. Jagannathan, V. D. Calhoun, L. Miller, M. C. Stevens, R. Sahl, J. O'Boyle, R. Schultz, and G. D. Pearlson, Abnormal Functional Connectivity of Default Mode Sub-Networks in Autism Spectrum Disorder Patients, *NeuroImage*, vol. 53, pp. 247-256, 2010.

H. J. Bockholt, M. Scully, W. Courtney, S. Rachakonda, A. Scott, A. Caprihan, J. Fries, R. Kalyanam, J. Segall, R. De la Garza, S. Lane, and V. D. Calhoun, Mining the Mind Research Network: A Novel framework for exploring large scale, heterogeneous translational neuroscience research data sources, *Frontiers in Neuroinformatics*, vol. 3, pp. 1-10, 2010.

V. D. Calhoun, L. Wu, K. A. Kiehl, T. Eichele, and G. D. Pearlson, Aberrant Processing of Deviant Stimuli in Schizophrenia Revealed by Fusion of FMRI and EEG Data, *Acta Neuropsychiatria*, vol. 22, pp. 127-138, 2010.

Z. Chen and V. D. Calhoun, Magnitude and phase behaviors of multiresolution BOLD signal refinement, *Concepts in Magnetic Resonance Part B*, vol. 37b, pp. 129-145, 2010.

Z. Chen, A. Caprihan, and V. D. Calhoun, Effect of surrounding vasculature on intravoxel BOLD signal, *Med. Phys.*, vol. 37, pp. 1778-1787, 2010.

L. M. Cope, J. Schaich Borg, C. L. Harenski, W. Sinnott-Armstrong, D. Lieberman, P. K. Nyalakanti, V. D. Calhoun, and K. A. Kiehl, Hemispheric asymmetries during processing of immoral stimuli, *Frontiers in Evolutional Neurobiology*, vol. 2, pp. 1-14, 2010.

N. Correa, T. Adali, Y. Li, and V. D. Calhoun, Canonical Correlation Analysis for Data Fusion and Group Inferences: Examining applications of medical imaging data, *IEEE Signal Proc. Magazine*, vol. 27, pp. 39-50, 2010.

N. Correa, T. Eichele, T. Adali, Y. Li, and V. D. Calhoun, Multi-set canonical correlation analysis for the fusion of concurrent single trial ERP and functional MRI, *NeuroImage*, vol. 50, pp. 1438-1445, 2010.



- E. Damaraju, J. Phillips, J. R. Lowe, R. Ohl, V. D. Calhoun, and A. Caprihan, Resting-state Functional Connectivity Differences in Premature Children, *Frontiers in Systems Neuroscience*, vol. 4, pp. 1-13, 2010.
- M. Eckert, N. Keren, D. Roberts, V. D. Calhoun, and K. Harris, Age-related changes in processing speed; unique contributions of cerebellar and prefrontal cortex, *Frontiers in Human Neuroscience*, vol. 4, pp. 1-14, 2010.
- S. Ehrlich, E. E. Morrow, J. L. Roffman, S. Wallace, M. Naylor, H. J. Bockholt, A. Lundquist, A. Yendiki, B. C. Ho, T. White, D. S. Manoach, V. P. Clark, V. D. Calhoun, R. L. Gollub, and D. Holt, The COMT Val108/158Met Polymorphism and Medial Temporal Lobe Volumetry in Patients with Schizophrenia and Healthy Adults, *NeuroImage*, vol. 53, pp. 992-1000, 2010.
- B. S. Folley, R. Astur, K. Jagannathan, V. D. Calhoun, and G. D. Pearlson, Anomalous neural circuitry function in schizophrenia during a virtual Morris water task, *Arch Gen Psychiatry*, vol. 49, pp. 3373-3384, 2010.
- M. Havlicek, J. Jan, M. Brazdil, and V. D. Calhoun, Dynamic Granger causality based on Kalman filter for evaluation of functional network connectivity in fMRI data, *NeuroImage*, vol. 53, pp. 65-77, 2010.
- K. Hugdahl and V. D. Calhoun, An update on neurocognitive impairment in schizophrenia and depression, *Frontiers in Human Neuroscience*, vol. 4, pp. 1-3, 2010.
- K. Jagannathan, V. D. Calhoun, J. Gelernter, M. Stevens, J. Liu, F. Bolognani, A. Windemuth, G. Ruano, and G. D. Pearlson, Genetic associations of brain structural networks in schizophrenia: a preliminary study using parallel ICA, *Biological Psychiatry*, vol. 68, pp. 657-666, 2010.
- D. Kim, J. Sui, S. Rachakonda, T. White, D. S. Manoach, V. P. Clark, B. C. Ho, S. C. Schulz, and V. D. Calhoun, Identification of imaging biomarkers in schizophrenia: A coefficient-constrained independent component analysis of the Mind multi-site schizophrenia study, *Journal of Neuroinformatics*, vol. 8, pp. 213-229, 2010.
- M. Kim, E. Tura, S. Potkin, J. H. Fallon, D. S. Manoach, V. D. Calhoun, FBIRN, and J. A. Turner, Working memory circuitry in schizophrenia shows widespread cortical inefficiency and compensation, *Schizophr Res*, vol. 117, pp. 42-51, 2010.
- Q. Lin, J. Liu, Y. Zheng, H. Liang, and V. D. Calhoun, Semi-blind Spatial ICA of fMRI Using Spatial Constraints, *Hum. Brain Map.*, vol. 31, 2010.
- J. Liu, K. Hutchison, M. Morgan, N. I. Perrone-Bizzozero, J. Sui, and V. D. Calhoun, Identification of Genetic and Epigenetic Factors Contributing to Population Structure, *PLoS ONE*, vol. 5, pp. 1-8, 2010.
- J. Liu, M. Morgon, K. Hutchison, E. Claus, and V. D. Calhoun, A Study of the Influence of Sex on Genome Wide Methylation, *PLoS Biol*, vol. 5, pp. 1-8, 2010.
- M. Mannell, A. R. Franco, V. D. Calhoun, J. M. Canive, R. J. Thoma, and A. R. Mayer, Resting state and task-induced deactivation: A methodological comparison in patients with schizophrenia and healthy controls, *Hum Brain Mapp*, vol. 31, pp. 424-437, 2010.

- S. Meda, K. Jagannathan, J. Gelernter, V. D. Calhoun, J. Liu, M. Stevens, and G. D. Pearlson, A pilot multivariate parallel ICA study to investigate differential linkage between neural networks and genetic profiles in schizophrenia, *NeuroImage*, vol. 53, pp. 1007-1015, 2010.
- A. Michael, S. Baum, T. White, O. Demirci, N. C. Andreasen, J. M. Segall, R. E. Jung, G. D. Pearlson, V. P. Clark, R. L. Gollub, S. C. Schulz, J. Roffmann, K. O. Lim, B. C. Ho, H. J. Bockholt, and V. D. Calhoun, Does Function Follow Form?: Methods to Fuse Structural and Functional Brain Images Show Decreased Linkage in Schizophrenia, *Hum Brain Mapp*, vol. 49, pp. 2626-2637, 2010.
- S. M. Plis, V. D. Calhoun, M. P. Weisend, and T. Lane, MEG and fMRI fusion for nonlinear estimation of neural and BOLD signal changes, *Frontiers in Neuroinformatics*, vol. 4, pp. 1-17, 2010.
- C. I. Rzepecki, S. A. Meda, V. D. Calhoun, M. J. Jafri, R. S. Astur, and G. D. Pearlson, Disruptions in Functional Network Connectivity during Alcohol Intoxicated Driving, *Alcoholism: Clinical and Experimental Research*, vol. 34, pp. 479-487, 2010.
- U. Sakoglu, G. D. Pearlson, K. A. Kiehl, Y. Wang, A. Michael, and V. D. Calhoun, A Method for Evaluating Dynamic Functional Network Connectivity and Task-Modulation: Application to Schizophrenia, *MAGMA*, vol. 23, pp. 351-366, 2010.
- P. Skudlarski, K. A. Jagannathan, K. Anderson, M. C. Stevens, V. D. Calhoun, and G. D. Pearlson, Brain connectivity is not only lower but also different in schizophrenia: A combined anatomical and functional approach, *Biological Psychiatry*, vol. 68, pp. 61-69, 2010.
- J. Sui, T. Adali, G. Pearlson, H. Yang, S. Sponheim, T. White, and V. D. Calhoun, CCA+ICA Based Model for Multi-Task Brain Imaging Data Fusion And Its Application to Schizophrenia, *NeuroImage*, vol. 51, pp. 123-134, 2010.
- L. Wu, T. Eichele, and V. D. Calhoun, Reactivity of hemodynamic responses and functional connectivity to different states of alpha synchrony: a concurrent EEG-fMRI study, *NeuroImage*, vol. 52, pp. 1252-1260, 2010.
- W. Xiong, T. Adali, Y. Li, and V. D. Calhoun, On entropy rate for the complex domain and its application to i.i.d. sampling, *IEEE Transactions on Signal Processing*, vol. 58, pp. 2409-2414, 2010.
- H. Yang, J. Liu, J. Sui, G. Pearlson, and V. D. Calhoun, A Hybrid Machine Learning Method for Fusing fMRI and Genetic Data to Classify Schizophrenia, *Frontiers in Human Neuroscience*, vol. 4, pp. 1-9, 2010.
- E. Allen, E. Erhardt, T. Eichele, A. R. Mayer, and V. D. Calhoun, Comparison of pre-normalization methods on the accuracy of group ICA results, *Proceedings of HBM*, Barcelona, Spain, 2010.
- E. A. Allen, E. B. Erhardt, E. Damaraju, W. Gruner, J. M. Segall, R. F. Silva, M. Havlicek, S. Rachakonda, V. D. Calhoun, et al. A baseline for the multivariate comparison of resting state networks *Proceedings of Biennial International Conference on Resting State Connectivity*, Milwaukee, WI, 2010.
- M. Arbabshirani and V. D. Calhoun, ICA-SVM approach for discrimination between healthy subjects and schizophrenia patients based on resting state functional network connectivity, *Proceedings of Biennial International Conference on Resting State Connectivity*, Milwaukee, WI, 2010.

J. Chen, J. Liu, and V. D. Calhoun, A Pipeline for Copy Number Variation Detection based on Principal Component Analysis, *Proceedings of IEEE Bioinformatics and Biomedicine*, Hong Kong, China, 2010.

J. Chen, J. Liu, and V. D. Calhoun, Correction of copy number variation data using principal component analysis, *Proceedings of Bioinformatics and Biomedicine (BIBM)*, Hong Kong, 2010.

V. P. Clark, B. Coffman, C. Garcia, M. P. Weisend, T. Lane, A. R. Mayer, E. Raybourn, V. D. Calhoun, and E. Wassermann, Transcranial Direct Current Stimulation (TDCS) Targeted Using Brain Imaging Accelerates Learning, *Proceedings of HBM*, Barcelona, Spain, 2010.

N. Correa, T. Eichele, T. Adali, Y. Li, and V. D. Calhoun, Fusion of Concurrent single Trial EEG Data and fMRI Data Using Multi-set Canonical Correlation Analysis, *Proceedings of ICASSP*, Dallas, TX, 2010.

P. Das, J. Lagopoulos, V. D. Calhoun, A. Henderson, C. M. Coulston, and G. S. Malhi, Schizophrenia and Theory of Mind deficit: A functional network connectivity approach, *Proceedings of HBM*, Barcelona, Spain, 2010.

E. Erhardt, S. Rachakonda, E. Bedrick, T. Adali, and V. D. Calhoun, Comparison of multi-subject ICA methods for analysis of fMRI data, *Proceedings of HBM*, Barcelona, Spain, 2010.

M. Havlicek, J. Jan, and V. Calhoun, Dynamic Granger causality with embedded hemodynamic model, *Proceedings of HBM*, Barcelona, Spain, 2010.

H. Li, T. Adali, N. Correa, P. Rodriguez, and V. D. Calhoun, Flexible Complex ICA of fMRI Data, *Proceedings of ICASSP*, Dallas, TX, 2010.

J. Liu and V. D. Calhoun, An algorithm for informed genome wide association studies—Integrating targeted gene studies and data-driven factorization by reference ICA, *Proceedings of Workshop on Genomic Signal Processing and Statistics (GENSIPS)*, Cold Spring Harbor, NY, 2010.

S. Ma, X. Li, N. Correa, T. Adali, and V. D. Calhoun, Independent Subspace Analysis with Prior Information for fMRI Data, *Proceedings of ICASSP*, Dallas, TX, 2010.

S. M. Plis, V. D. Calhoun, M. P. Weisend, T. Eichele, E. Besada-Portas, and T. Lane, MEG and fMRI for nonlinear estimation of neural activity, *Proceedings of NIPS Workshop on Connectivity Inference and NeuroImaging*, Whistler, CO, 2010.

S. M. Plis, V. D. Calhoun, M. P. Weisend, and T. Lane, Permutations as angular data: efficient inference in factorial spaces, *Proceedings of IEEE-ICDM*, Sydney, Australia, 2010.

P. Rodriguez, T. Adali, H. Li, N. Correa, and V. D. Calhoun, Phase Correction and Denoising for ICA of Complex fMRI Data, *Proceedings of ICASSP*, Dallas, TX, 2010.

R. Silva and V. D. Calhoun, Evaluating Joint Histograms in a Joint ICA Fusion Framework: Methods for Feature Extraction and Component Selection, *Proceedings of Human Brain Mapping*, Barcelona, Spain, 2010.

T. White, H. J. Bockholt, A. Caprihan, S. Ehrlich, D. S. Manoach, B. Mueller, B. C. Ho, V. P. Clark, J. Lauriello, J. R. Bustillo, N. C. Andreasen, R. Gollub, V. D. Calhoun, K. O. Lim, S. C. Schulz, and V. Magnotta, A combined voxel-based and pothole approach to evaluate the spatial characteristics of white matter deficits in schizophrenia, *Proceedings of HBM*, Barcelona, Spain, 2010.

S. T. Witt, V. D. Calhoun, G. D. Pearlson, and M. C. Stevens, The effects of task context and brain injury on default mode network brain functional connectivity, *Proceedings of ISMRM*, Stockholm, Sweden, 2010, p. 3505.

S. T. Witt, Lovejoy, V. D. Calhoun, G. D. Pearlson, and M. Stevens, Changes in frequency power spectrum observed as result of mild traumatic brain injury, *Proceedings of HBM*, Barcelona, Spain, 2010, p. 439.

L. Wu, T. Eichele, and V. D. Calhoun, Alpha Hemodynamic Responses in Eyes Open vs. Eyes Closed Resting State EEG-fMRI, *Proceedings of HBM*, Barcelona, Spain, 2010.

L. Xu, J. Segall, R. Jung, and V. D. Calhoun, Constrained Source Based Morphometry Identifies Structural Network Underlying the Default Mode Network, *Proceedings of HBM*, Barcelona, Spain, 2010.

### **Caudell, Thomas**

Vineyard CM, Bernard ML, Taylor SE, Caudell TP, Watson P., Verzi, S., Cohen, N. J., Eichenbaum, H. (2010). A Neurologically Plausible Artificial Neural Network Computational Architecture of Episodic Memory and Recall. In A.V. Samsonovich, K. R. Johannsdottir, A Chella, and B. Goertzel (Eds.), *Biologically Inspired Cognitive Architectures* (pp. 175-180). Amsterdam, Netherlands: IOS Press BV, and in *First International Conference on Biologically Inspired Cognitive Architectures*.

Haines KG and Caudell TP, An OpenCL GPU based Computer Simulation of an Artificial Neural Network Modeling the Lamina Ganglionaris of *Musca Domestica*, *Proceedings of NVISION GPU Technical Conference*, San Jose, CA, Sept 2010.

Vineyard C, Taylor S, Bernard M, Verzi S, Heileman G, Caudell TP, Watson P, A Cortical-Hippocampal Neural Architecture for Episodic Memory with Information Theoretic Model Analysis, *Proceedings of the 14th World Multi-Conference on Systemics, Cybernetics and Informatics: WMSCI 2010, V2*, pp. 281-285 (June-July 2010).

Phillips HE, Alverson DC, Caudell TP, Panaiotis, Vergara VM, Caudell KA, Spisla JA, LaPointe DK. Connection with Students: The Usability of Virtual Nephron Simulation as a Tool for Medical Education. *Proceedings of Medical Library Association Annual Meeting*, Washington, DC, May 2010.

### **Christodoulou, Christos**

M. Al-Husseini, K. Kabalan, Ali El-Hajj and C. G. Christodoulou, Cognitive Radio: UWB Integration and Related Antenna Design, in *New Trends in Technologies: Control, Management, Computational Intelligence and Network Systems*, Book edited by: Meng Joo Er, Publisher: InTech, November 2010.

M. B. Higgins, M. E. Morris, M. Caldwell, C. G. Christodoulou, Measurement and Modeling of Transfer Functions for Lightning Coupling into the Sago Mine, *IEEE Transactions on Electromagnetic Compatibility*, vol. 52, no. 1, pp. 136-146, 2010.

- J. B. Lai and C. G. Christodoulou, A Very High Sensitivity RF Pulse Profile Measurement System, *IEEE Transactions on Instrumentation and Measurement*, vol. 59, no. 6, pp. 1616-1623, 2010.
- N. R. Devarapalli, C. E. Baum, C. G. Christodoulou, E. Schamiloglu, An Iterative Search Algorithm for Designing Bends in Electromagnetic Structures, *International Journal of RF and Microwave Computer-Aided Engineering*, 2010.
- S. Shelley, J. Costantine, C. G. Christodoulou, D. E. Anagnostou, and J. C. Lyke. FPGA Controlled Switch-Reconfigured Antenna, *IEEE Antennas and Wireless Propagation Letters*, pp. 355-358, 2010.
- P. Kumar, S. Altunc, C. E. Baum, J. Buchenauer, C. G. Christodoulou, and E. Schamiloglu, Radially Inhomogeneous Spherical Dielectric Lens for Matching 100 ps Pulses into Biological Targets, *IEEE Transactions on Plasma Science*, vol. 38, no. 8, pp. 1915-1927, August 2010.
- Y. Tawk, A. R. Albrecht, S. Hemmady, G. Balakrishnan, and C. G. Christodoulou, Optically Pumped Frequency Reconfigurable Antenna Design, *IEEE Antennas and Wireless Propagation Letters*, pp. 280-283, 2010.
- Yan Li, Furqan L. Chiragh, Yong-Chun Xin, Chang-Yi Lin, Christos G. Christodoulou, and Luke. F. Lester, Harmonic mode-locking using the double interval technique in quantum dot lasers, *Optics Express*, vol. 18, issue 14, pp. 14637-14643, 2010.
- Angel Navia-Vazquez, *IEEE*, Manel Martinez-Ramon, Luis E. Garcia-Munoz, and Christos G. Christodoulou, Approximate Kernel Orthogonalization for Antenna Array Processing, *IEEE Transactions on Antennas and Propagation*, December 2010.
- S. Altunc, P. Kumar, C. E. Baum, C. G. Christodoulou, and E. Schamiloglu, Log-Periodic Focusing Lens for Melanoma Treatment, *Proceedings of USNC-URSI*, Boulder, Colorado, 2010.
- P. Kumar, S. Altunc, C. E. Baum, C. G. Christodoulou, and E. Schamiloglu, Design of a Switch system and Launching Lens for a Prolate Spheroidal Impulse radiating Antenna, *Proceedings of USNC-URSI*, Boulder, Colorado, 2010.
- M. Ershad Shaik, C. E. Baum, C. G. Christodoulou, and E. Schamiloglu, Integrated Switched Oscillator and Zig-Zag Antenna with Photoconductive Semiconductor Switch as a Terahertz (THz) Pulse Generator, *Proceedings of USNC-URSI*, Boulder, Colorado, 2010.
- J. Costantine, C.G. Christodoulou, A. Grau, F. De Flaviis, Investigating Redundancies in Reconfigurable Antennas Designed for MIMO Systems, *Proceedings of 2010 International Workshop, Small Antennas, Innovative Structures and Materials*, Lisbon, Portugal, 2010.
- D. Draskovic, D. Budimir and C. Christodoulou, Optically Reconfigurable RF Circuits, *Proceedings of EUCAP 2010*, Barcelona, Spain, April 2010.
- J. Costantine, Y. Tawk, C. G. Christodoulou, C. T. Abdallah, Reducing complexity and improving the reliability of frequency reconfigurable antennas, *Proceedings of EUCAP 2010*, Barcelona, Spain, pp. 1-4, April 2010.

- L. F. Lester, C.-Y. Lin, Y. Li, J. H. Kim and C. G. Christodoulou, Reconfigurable, Multi-Section Quantum Dot Mode-Locked Lasers, *Proceedings of CLEO/QELS 2010*, May 2010.
- P. Kumar, S. Altunc, C. E. Baum, C. G. Christodoulou and E. Schamiloglu, Switch System Design for a Prolate-Spheroidal Impulse-Radiating Antenna to Launch 100 ps Pulses, *Proceedings of International Bioelectrics Symposium*, Norfolk, Virginia, June 2010.
- P. Kumar, S. Altunc, C. E. Baum, C. G. Christodoulou, E. Schamiloglu and C. J. Buchnauer, A Prolate-Spheroidal Impulse-Radiating Antenna and Lens System to Focus 100 ps Pulses into Biological Targets, *Proceedings of International Bioelectrics Symposium*, Norfolk, Virginia, June 2010.
- P. Kumar, S. Altunc, C. E. Baum, C. G. Christodoulou and E. Schamiloglu, Investigation of Switch Designs for a Prolate-Spheroidal Impulse Radiating Antenna, *Proceedings of ICOPS Symposium*, Norfolk, Virginia, USA, June 2010.
- Y. Tawk, A. R. Albrecht, S. Hemmady, G. Balakrishnan, and C. G. Christodoulou, Optically Pumped Reconfigurable Antenna Systems (OPRAS), *Proceedings of IEEE AP URSI Symposium*, Toronto, Canada, July 2010.
- S. Shelley, J. Costantine, C. G. Christodoulou, D. E. Anagnostou and J. C. Lyke, Controlling Switch-Reconfigured Antennas Using FPGAs, *Proceedings of IEEE AP URSI Symposium*, Toronto, Canada, July 2010.
- J. Costantine, M. Al-Husseini, A. Ramadan, C. G. Christodoulou, K. Y. Kabalan, A. El Hajj, Complexity Reduction of a Reconfigurable U-Koch Microstrip Antenna Using Graph Models, *Proceedings of IEEE AP URSI Symposium*, Toronto, Canada, July 2010.
- P. Kumar, S. Altunc, Carl E. Baum, C. G. Christodoulou, and E. Schamiloglu, Experimental Results for a Graded Dielectric Focusing Lens, *Proceedings of IEEE AP URSI Symposium*, Toronto, Canada, July 2010.
- J. H. Kim and C. G. Christodoulou, A simple reconfigurable microstrip antenna for wideband applications, *Proceedings of IEEE AP URSI Symposium*, Toronto, Canada, July 2010.
- Y. Tawk, J. Costantine, and C. G. Christodoulou, A Frequency Reconfigurable Rotatable Microstrip Antenna Design, *Proceedings of IEEE AP URSI Symposium*, Toronto, Canada, July 2010.
- E. Al Zuraiqi, M. Joler and C. G. Christodoulou, Neural Networks FPGA Controller for Reconfigurable Antennas, *Proceedings of IEEE AP URSI Symposium*, Toronto, Canada, July 2010.
- M. Joler and C. G. Christodoulou, Embedding an Array Self-Recovery Algorithm into an FPGA Controller, *Proceedings of IEEE AP URSI Symposium*, Toronto, Canada, July 2010.
- V. Santalla del Rio, D. Franco-Vazquez<sup>1</sup>, L. Abalde-Lima, F. Perez-Gonzalez, C.G. Christodoulou, Statistical Modeling of Vegetation Structures for Scattering Models, *Proceedings of IEEE AP URSI Symposium*, Toronto, Canada, July 2010.
- S. Altunc, C. E. Baum, K. F. McDonald, P. Kumar, E. Schamiloglu and C. G. Christodoulou, Photon Initiated Thyristor Switches, *Proceedings of IEEE International Conference on Plasma Science*, 2010.

P. Kumar, S. Altunc, C. E. Baum, C. G. Christodoulou and E. Schamiloglu, Design Considerations for a Switch and Lens System for Launching 100 ps, 100 kV Pulses, *Proceedings of AMEREM Symposium*, Ottawa, Canada, July 2010.

M. Al-Husseini, Y. Tawk, C. G. Christodoulou, K. Y. Kabalan, A. El Hajj, A reconfigurable Cognitive Radio Antenna Design, *Proceedings of IEEE AP URSI Symposium*, Toronto, Canada, July 2010.

P. Kumar, S. Altunc, C. E. Baum, C. G. Christodoulou and E. Schamiloglu, Graded Dielectric Lens to Match 100 ps Pulses into Biological Targets, pp. 9-12, *Proceedings of URSI /EMTS*, Berlin, Germany, August 2010.

P. Kumar, S. Altunc, Carl E. Baum, C. G. Christodoulou and E. Schamiloglu, Launching a Fast (100 ps) High-Voltage (> 100 kV) Pulse into a Biological Target, *Proceedings of International Conference on Electromagnetics in Advanced Applications (ICEAA)*, pp. 8-11, Sydney, Australia, September 2010.

Y. Tawk, M. Al-Husseini, S. Hemmady, A. R. Albrecht, G. Balakrishnan, C. G., Christodoulou, Implementation of a Cognitive Radio Front-End Using Optically Reconfigurable Antennas, *Proceedings of International Conference on Electromagnetics in Advanced Applications (ICEAA)*, pp. 294-297, Sydney, Australia, September 2010.

M. Al-Husseini, Ali El-Hajj, Y. Tawk, K. Y. Kabalan, and C. G. Christodoulou, A simple dual-port antenna system for cognitive radio applications, *Proceedings of HPCS*, Caen, France, pp. 549-552, 2010.

M. Al-Husseini, Ali Ramadan, K. Y. Kabalan, Ali El-Hajj, Y. Tawk, J. Costantine, and C. G. Christodoulou, Ultrawideband antennas with switchable band notch using complementary split-ring resonators, *Proceedings of HPCS*, Caen, France, pp. 560-563, 2010.

M. Al-Husseini, J. Costantine, C. G. Christodoulou, S. E. Barbin, A. El-Hajj, K. Y. Kabalan, A Reconfigurable Frequency-notched UWB Antenna with Split-ring Resonators, *Proceedings of APMC2010*, Yokohama, Japan, December 2010.

J-H. Kim, C-Y. Lin, Yan. Li, N. Naderi, C. G. Christodoulou, and L. F. Lester, Beam Steering of a Linearly Tapered Slot Antenna Array Integrated with Quantum Dot Mode Locked Lasers, *Proceedings of the 23rd Annual Meeting of the IEEE Photonics Society*, Denver, Colorado, November 2010.

### **Dietz, David**

M. M. Hayat, J. E. Pezoa, D. Dietz, and S. Dhakal, Dynamic Load Balancing for Robust Distributed Computing in the Presence of Topological Impairments, in *Wiley Handbook of Science and Technology for Homeland Security*, John G. Voeller, ed., John Wiley & Sons, April 2010.

Qingfei Chen, Liang Huang, Ying-Cheng Lai, Celso Grebogi, and David Dietz, Extensive Chaotic Motion in Electrostatically-Driven Nanowires and Applications, *Nano Letters* 2010, 10, 406-413 (2010).

Qingfei Chen, Ying-Cheng Lai, and David Dietz, Controlled Generation of Intrinsic Localized Modes in Microelectromechanical Cantilever Arrays, *Chaos* 20, (2010).

**Fuks, Mikhail**

M. Fuks, V.Gintsburg, N.Kovalev and E. Schamiloglu, Experimental Study of a Relativistic Resonant Traveling-Wave Tube with Selective Feedback Provided by Bragg Reflectors, *IEEE Trans. Plasma Sci.*, vol. 38, no. 6, pp. 1255-1263 (2010).

M. Fuks and E. Schamiloglu, 70% Efficient Relativistic Magnetron with Axial Extraction of Radiation through a Horn Antenna, *IEEE Trans. Plasma Sci.*, vol. 38, no. 6, pp. 1302-1312 (2010).

M. Liu, C. Michel, S. Prasad, M. Fuks, E. Schamiloglu and C.-L. Liu, RF Mode Switching in a Relativistic Magnetron with Diffraction Output, *Appl. Phys. Letters*, vol. 97, no. 1, pp. 251501-251503 (2010).

A. Andreev, K. Hendricks, M. Fuks and E. Schamiloglu, Elemental theory of a relativistic magnetron operation: Anode current, *J. of Directed Energy*, vol. 3, no. 4, pp. 347-383 (2010).

M. Fuks, S. Prasad, and E. Schamiloglu, Increased Efficiency and Faster Turn-on in Magnetrons using the Transparent Cathode, *Proceedings of CAVMAG2010* (Bournemouth, UK, April 2010).

S. Prasad, D. Galbreath, M. Fuks, and E. Schamiloglu, Influence of Implementing Straps on Pulsed Relativistic Magnetron Operation, *Proceedings of IVEC 2010* (Monterey, CA, 2010), pp. 379-380.

M. Fuks and E. Schamiloglu, Mode Separation in a Magnetron with Diffraction Output Driven by a Transparent Cathode, *Proceedings of IVEC 2010* (Monterey, CA, 2010), pp. 511-512.

E. Schamiloglu and M. Fuks, 70% Efficient Relativistic Magnetron with Axial Extraction Through a Horn Antenna, *Proceedings of 16th Symposium on High Current Electronics* (Tomsk, Russia, 2010), pp. 389-394.

E. Schamiloglu, M. Fuks, S. Prasad, C. Leach, C. Michel, M. Liu, and M. Roybal, A6 Magnetrons Driven by a Transparent Cathode: Recent Results from Experiments and PIC Simulations, *Proceedings of 3rd EuroAsian Pulsed Power Conference and 2010 BEAMS Conference* (Jeju, S. Korea, 2010), pp. MoB1-1-6.

M. Fuks, M. Liu, S. Prasad and E. Schamiloglu, High Efficient Relativistic Magnetron with Diffraction Output Driven by a Transparent Cathode, *Proceedings of Joint Technical Meeting on Plasma Science and Technology and Pulsed Power Technology, IEEE Japan*, pp. 5-10 (2010).

**Ghani, Nasir**

H. Drid, B. Cousin, M. Molnar, N. Ghani, Graph Partitioning for Survivability in Multi-Domain Optical Networks, *IEEE Communications Letters*, Vol. 14, No. 10, October 2010, pp. 978-980.

C. Xie, F. Xu, N. Ghani, E. Chaniotakis, C. Guok, T. Lehman, Load-Balancing Connection Rerouting in Advance Reservation Networks, *IEEE Communications Letters*, Vol. 14, No. 6, June 2010, pp. 578-580.

N. Ghani, *et al.*, Service Overlays for Ethernet LAN Over SONET/SDH, Vol. 7, No. 2, *Optical Switching and Networking*, April 2010, pp. 54-65.



- M. Esmaeili, F. Xu, N. Ghani, C. Xie, M. Peng, Q. Liu, Enhanced Crankback for Lightpath Setup in Multi-Domain Optical Networks, *IEEE Communications Letters*, Vol. 14, No. 5, May 2010, pp. 480-482.
- A. Gumaste, S. Mehta, R. Vaishampayan, N. Ghani, Demonstration of Omnipresent Ethernet: A Novel Metro End-to-End Communication System using Binary+Source Routing and Carrier Ethernet, *IEEE/OSA Journal of Lightwave Tech.*, Vol. 28, No. 4, February 2010, pp. 596-607.
- A. Gumaste, S. Mehta, I. Arora, P. Goyal, S. Rana, N. Ghani, Omnipresent Ethernet—Technology Choices for Future End-to-End Networking, *IEEE/OSA Journal of Lightwave Technology*, Vol. 28, No. 8, 2010, pp. 1261-1277.
- C. Xie, H. Alazemi, N. Ghani, Routing and Scheduling in Distributed Advance Reservation Networks, *Proceedings of IEEE GLOBECOM 2010*, Miami, FL, December 2010.
- J. Crichigno, J. Khoury, W. Shu, M. Wu, N. Ghani, Dynamic Routing Optimization in WDM Networks, *Proceedings of IEEE GLOBECOM 2010*, Miami, FL, December 2010.
- M. Alayesh, N. Ghani, Impacts of Fast Flat Fading Channel on the Performance of a Primary-Secondary User Power Control Game for Cognitive Radios, *Proceedings of IEEE GLOBECOM 2010 Broadband Wireless Access (BWA) Workshop*, Miami, FL, December 2010.
- F. Xu, T. Das, M. Peng, N. Ghani, Evaluation of Post-Fault Restoration Strategies in Multi-Domain Networks, *Proceedings of IEEE ANTS 2010*, Bombay, India, December 2010.
- M. Esmaeili, K. Kazi, S. Khan, N. Ghani, Provisioning for Probabilistic Failures in Multi-Domain DWDM Networks, *Proceedings of IEEE HONET 2010*, Cairo, Egypt, December 2010.
- M. Alayesh, N. Ghani, Performance of a Primary-Secondary User Power Control Game under Fast Fading Channels, *Proceedings of IEEE HONET 2010*, Cairo, Egypt, December 2010.
- F. Xu, M. Peng, M. Esmaeili, M. Rahnamay-Naeini, N. Ghani, M. Hayat, Post-Fault Restoration in Multi-Domain Networks with Multiple Failures, *Proceedings of IEEE MILCOM 2010*, San Jose, CA, November 2010.
- F. Xu, M. Peng, M. Esmaeili, N. Ghani, Advanced Crankback Provisioning for Multi-Domain Networks, *Proceedings of IEEE HPSR 2010*, Dallas, TX, June 2010.
- F. Xu, M. Esmaeili, C. Xie, N. Ghani, M. Peng, Q. Liu, Enhanced Crankback Signaling for Multi-Domain Traffic Engineering, *Proceedings of IEEE ICC 2010*, Cape Town, South Africa, May 2010.
- H. Drid, B. Cousin, M. Molnar, N. Ghani, Graph Partitioning for Survivability in Multi-Domain Optical Networks, *Proceedings of IEEE ICC 2010*, Cape Town, South Africa, May 2010.
- M. Esmaeili, F. Xu, N. Ghani, M. Peng, Q. Liu, Enhanced Crankback Signaling in Multi-Domain Optical Networks, *Proceedings of IEEE/OSA OFC 2010*, San Diego, CA, March 2010.

**Gilmore, Mark**

A.G. Lynn, E. Merritt, M. Gilmore, S.C. Hsu, F.D. Witherspoon, J.T. Cassibry and the PLX Team (2010). Diagnostics for the Plasma Liner Experiment. *Review of Scientific Instruments*, 81, 10E115.

M. Gilmore, T.R. Hayes, C. Watts, S. Xie, and L. Yan (2010). Sheared Flow and Fluctuation Dynamics Under Biasing in a Magnetized Laboratory Plasma. *Proceedings of the 37th European Physical Society Division of Plasma Physics*, Dublin, Ireland, June 2010.

M. Gilmore, et al. (2010). Diagnostics for the Plasma Liner Experiment. *Proceedings of the International Conference on Plasma Diagnostics*, Pont-à-Mousson, France, April 2010.

**Hayat, Majeed**

B. S. Paskaleva, W.-Y. Jang, Y. D. Sharma, S. C. Bender, S. Krishna, and M. M. Hayat, Multispectral Classification with Bias-tunable Quantum Dots-in-a-Well Focal Plane Arrays, *IEEE Sensors Journal*, Dec 2010.

D. A. Ramirez, J. Shao, M. M. Hayat, and S. Krishna, Midwave infrared quantum dot avalanche photodiode, *J. Appl. Phys.*, vol. 97, 221106, Dec 2010.

S. Narravula, M. M. Hayat, and B. Javidi, Information theoretic approach for assessing image fidelity in photon-counting arrays, *Optics Express*, vol. 18, no. 3, pp. 2449-2466, Feb 2010.

J. E. Pezoa, S. Dhakal, and M. M. Hayat, Maximizing service reliability in distributed computing systems with random failures: Theory and implementation, *IEEE Trans. Parallel and Distributed Systems*, vol. 21, pp. 1531-1544, 2010.

T. M. Giles, M. M. Hayat, and S. Krishna, Shift estimation algorithm for dynamic sensors with frame-to-frame variation in their spectral response, *IEEE Sensors Journal*, vol. 10, pp. 686-692, 2010.

W.-Y. Jang, M. M. Hayat, B. S. Paskaleva and S. Krishna, Enhanced efficiency and functionality of algorithmic multispectral sensing using tunable DWELL-based MidIR detectors, *Proceedings of 2011 Annual Meeting of the Photonics Society*, Denver, CO, Nov 2010.

M. M. Hayat and D. A. Ramirez, Impact Ionization under Dynamic Fields, *Proceedings of 2010 Annual Meeting of the IEEE Photonics Society*, Denver, CO, Nov 2010.

M. M. Hayat, D. A. Ramirez, M. A. Itzler and G. J. Rees, Model for passive quenching of single-photon avalanche diodes, *Proceedings of SPIE Photonics West*, San Francisco, CA, Jan 2010.

B. Paskaleva, M. M. Hayat, W.-Y. Jang, Y. Sharma, S. C. Bender, and S. Krishna, Joint Spatio-spectral Based Edge Detection for Multispectral Infrared Imagery, *Proceedings of the 2010 IEEE International Geoscience and Remote Sensing Symposium (IGARSS 2010)*, pp. 2198-2201, Honolulu, HI, July 2010.

M. M. Hayat, D. A. Ramirez, G. J. Rees, and M. A. Itzler, Modeling negative feedback in single-photon avalanche diodes, *Proceedings of PIE Defense, Sensing, and Security Symposium*, 7681, Orlando, FL, April 2010.

Q. Wang, M. Pepin, B. Santhanam, T. Atwood and M. M. Hayat, SAR-Based Vibration Retrieval Using the Fractional Fourier Transform in Slow Time, *Proceedings of SPIE Defense, Sensing, and Security Symposium: Radar Sensor Technology XIV*, vol. 7669, Kenneth I. Ranney; Armin W. Doerry, Editors, Orlando, FL, April 2010.

M. Pepin and M. M. Hayat, Estimation of the Vibration Spectra and Vibrating Direction with Synthetic Aperture Radar, *Proceedings of SPIE Defense, Sensing, and Security Symposium: Algorithms for Synthetic Aperture Radar Imagery XVII*, vol. 7699, Edmund G. Zelnio; Frederick D. Garber, Editors, Orlando, FL, April 2010.

B. Javidi, M. M. Hayat and S. Narravula, Three-dimensional passive sensing and imaging with photon counting, *Proceedings of SPIE Defense, Sensing, and Security Symposium*, Orlando, FL, April 2010.

P. Vines, C-H Tan, J. P. R. David, W. Jang, Y. Sharma, S. Krishna, and M. M. Hayat, Quantum dot infrared photodetectors with highly tunable spectral response for an algorithm-based spectrometer, *Proceedings of SPIE Defense, Sensing, and Security Symposium*, Orlando, FL, April 2010.

J. O. Jensen, R. J. Trew, D. Woolard, N. Gupta, J-M. Theriault, M. M. Hayat, Y. Li, P. Gillespie Editorial Special Issue on Enhancement Algorithms, Methodologies and Technology for Spectral Sensing, *IEEE Sensors Journal*, vol. 10, pp. 373-378, 2010.

### **Healy, Michael**

*Theory and Applications of Ontology* (a 2-volume work, 1: Philosophy, 2: Computer Applications) Volume 2. Co-edited with Roberto Poli and Achilles Kameas, 2010.

*Theory and Applications of Ontology*, volume 2, Chapter 23: Category Theory as a Mathematics for Ontology, 2010.

A Cortical-Hippocampal Neural Architecture for Episodic Memory with Information Theoretic Model Analysis, *Proceedings of the 14th World Multi-Conference on Systemics, Cybernetics and Informatics (WMSCI)*, 2010.

### **Hossein-Zadeh, Mani**

F. Liu and M. Hossein-Zadeh, On the performance of multi-ring optical filters, *IEEE Photonics Journal*, vol. 2, no. 6, pp. 991-1002, Dec 2010.

M. Hossein-Zadeh, and K. J. Vahala, Optomechanical Oscillator on a Silicon Chip, *Journal of Selected Topics in Quantum Electronics*, special issue on Silicon Photonics, vol. 16, no. 1, pp. 276-287, Jan/Feb 2010.

K. Abbas, S. Alaie, M. Hossein-Zadeh, and Z. C. Leseman, Use of radiation Pressure to Calibrate Sub micro-Newton Forces and Damping Ratios, *Proceedings of AMSE International Mechanical Engineering Congress and Exposition (IMECE)*, 2010.

M. Hossein-Zadeh, Optical modulation using optomechanical interaction in high-Q microcavities, *Proceedings of International Microwave Symposium 2010, Workshop for Emerging Optical Modulator Technologies for RF Photonics*, 2010.

## **Jayaweera, Sudharman**

G. Vazquez-Vilar, C. Mosquera, and S. K. Jayaweera, Primary user enters the game: Performance of dynamic spectrum leasing in cognitive radio networks, *IEEE Transactions in Wireless Communications*, vol. 10, no. 12, pp. 3625-3629, Dec. 2010.

K. Hakim, S. K. Jayaweera, G. El-Howayek and C. Mosquera, Efficient dynamic spectrum sharing in cognitive radio networks: Centralized dynamic spectrum leasing (C-DSL), *IEEE Transactions in Wireless Communications*, vol. 9, no. 9, pp. 2956-2967, Sept. 2010.

T. Wimalajeewa and S. K. Jayaweera, Distributed node selection for sequential estimation over noisy communication channels, *IEEE Transactions in Wireless Communications*, vol. 9, no. 7, pp. 2290-2301, July 2010.

I. L. Hurtado, C. T. Abdallah, and S. K. Jayaweera, Limitations in Tracking Systems, *Journal of Control Theory and Applications*, vol. 8, no. 3, pp. 351-358, 2010.

T. Wimalajeewa and S. K. Jayaweera, Distributed Detection of Randomly Located Targets in Mobility-Assisted Sensor Networks with Node Mobility Management, *EURASIP Journal on Advances in Signal Processing*, vol. 2010, 18 pp., July 2010.

T. Wimalajeewa and S. K. Jayaweera, Impact of mobile node density on detection performance measures in a hybrid sensor network, *IEEE Transactions in Wireless Communications*, vol. 9, no. 5, pp. 1760-1769, May 2010.

S. K. Jayaweera, G. Vazquez-Vilar, C. Mosquera Dynamic Spectrum Leasing (DSL): A new paradigm for spectrum sharing in cognitive radio networks, *IEEE Transaction in Vehicular Technology*, vol. 59, no. 5, pp. 2328-2339, May 2010.

C. Mosquera, R. Lopez-Valcarce, and S. K. Jayaweera, Step size sequence design for distributed average consensus, *IEEE Signal Processing Letters*, vol. 17, no. 2, pp. 169-172, Feb. 2010.

S. K. Jayaweera, Y. Ruan, and R. S. Erwin, Distributed Tracking with Consensus on Noisy Time-varying Graphs: Convergence Results and Applications, *Proceedings of 2010 Fifth International Conference on Information and Automation for Sustainability (ICIAFS)*, Colombo, Sri Lanka, Dec. 2010.

S. K. Jayaweera and K. Hakim A Cooperative Game Theoretic Solution for Lifetime Maximization of WSNs in Sequential Estimation, *Proceedings of 2010 Fifth International Conference on Information and Automation for Sustainability (ICIAFS)*, Colombo, Sri Lanka, Dec. 2010.

G. El-howayek and S. K. Jayaweera, Efficient spectrum sharing with autonomous primary users: Distributed Dynamic Spectrum Leasing (D-DSL), *Proceedings of IEEE Global Communications Conference (Globecom'10) Workshop on Broadband Wireless Access (BWA 2010)*, Dec. 2010, Miami, FL.

K. Hakim and S. K. Jayaweera, Fairness in sequential estimation: A cooperative game theoretic solution for WSNs, *Proceedings of 10th International Conference on Signal Processing (ICSP'10)*, Beijing, China, Oct. 2010.

Y. Ruan, S. K. Jayaweera and R. S. Erwin, Distributed tracking with consensus on Noisy time-varying graphs with incomplete data, *Proceedings of 10th International Conference on Signal Processing (ICSP'10)*, Beijing, China, Oct. 2010.

T. Wimalajeewa and S. K. Jayaweera A novel distributed mobility protocol for dynamic coverage in sensor networks, *Proceedings of IEEE Global Communications Conference (Globecom'10)*, Dec. 2010, Miami, FL.

Y. Ruan and S. K. Jayaweera, Performance analysis of distributed tracking with consensus on noisy time-varying graphs, *Proceedings of 5th Advanced Satellite Multimedia System Conference and the 11th Signal Processing for Space Communications Workshop*, Sept. 2010, Sardinia, Italy.

M. Bkassiny and S. K. Jayaweera, Optimal channel and power allocation for secondary users in cooperative cognitive radio networks, *Proceedings of Special Session on Advanced Radio Access Techniques for Energy-Efficient Communications in 2nd International Conference on Mobile Lightweight Wireless Systems*, Barcelona, Spain, May 2010.

R. S. Erwin, P. Albuquerque, S. K. Jayaweera and I. Hussain Dynamic sensor tasking for space situational awareness, *Proceedings of the American Control Conference (ACC)*, Baltimore, MD, June-July 2010.

G. El-Howayek, S. K. Jayaweera, K. Hakim, G. Vazquez-Vilar, and C. Mosquera, Dynamic spectrum leasing (DSL) in dynamic channels, *Proceedings of the Workshop on Cognitive Radio Interfaces and Signal Processing (CRISP) of the International Communications Conference (ICC)*, Cape Town, South Africa, May 2010.

K. Hakim and S. K. Jayaweera, Analysis of linear receivers in a DSL game for spectrum sharing in cognitive radio networks, *Proceedings of International Communications Conference (ICC)*, Cape Town, South Africa, May 2010.

T. Wimalajeewa and S. K. Jayaweera, A distributed mobility protocol for dynamic coverage improvement, *Proceedings of International Communications Conference (ICC)*, Cape Town, South Africa, May 2010.

J. Crichingo, M. Y. Wu, S. K. Jayaweera and W. Shu, Maximizing in Wireless Multi-access Channel Networks, *Proceedings of IEEE Wireless Communications and Networking Conference (WCNC'10)*, Sydney, Australia, April 2010.

### **Krishna, Sanjay**

H. Ko, K. Takei, R. Kapadia, S. Chuang, H. Fang, P.W. Leu, K. Ganapathi, E. Plis, H. Sul Kim, S.-Y. Chen, M. Madsen, A.C. Ford, Y.-L. Chueh, S. Krishna, S. Salahuddin and A. Javey, Ultrathin compound semiconductor on insulator layers for high-performance nanoscale transistors, *Nature*, Vol. 468 (November 2010).

E. Plis, M.N. Kutty, S. Myers, H.S. Kim, N. Gautam, L.R. Dawson, S. Krishna, Passivation of Long-wave Infrared InAs/GaSb Strained Layer Superlattice detectors, *Infrared Physics & Technology* (2010).

E. Plis, S. Myers, M.N. Kutty, J. Mailfert, E.P. Smith, S. Johnson, and S. Krishna, Lateral diffusion of minority carriers in InAsSb-based nBn detectors, *Applied Physics Letters* 97, 123503 (2010).

Banerjee, K., Ghosh, S., Plis, E., and Krishna, S., Study of Short- and Long-Term Effectiveness of Ammonium Sulfide as Surface Passivation for InAs/GaSb Superlattices Using X-Ray Photoelectron Spectroscopy, *Journal of Electronic Materials* 39 (10), p. 2210 (2010).

N. Gautam, H.S. Kim, S. Myers, E. Plis, M.N. Kutty, M. Naydenkov, B. Klein, L.R. Dawson, S. Krishna, Heterojunction Bandgap Engineered Photodetector Based on Type-II InAs/GaSb Superlattice for Single Color and Bicolor Infrared Detection, *Infrared Physics & Technology* (2010).

D.A. Ramirez, J. Shao, M.M. Hayat, and S. Krishna, Midwave infrared quantum dot avalanche photodiode, *Applied Physics Letters* 97, 221106 (2010).

H.S. Kim, E. Plis, N. Gautam, S. Myers, Y. Sharma, L.R. Dawson, and S. Krishna, Reduction of surface leakage current in InAs/GaSb strained layer long wavelength superlattice detectors using SU-8 passivation, *Applied Physics Letters* 97, 143512 (2010).

J. Rosenberg, R.V. Shenoi, S. Krishna, and O. Painter, Design of plasmonic photonic crystal resonant cavities for polarization sensitive infrared photodetectors, *Optics Express*, Vol. 18, Issue 4, pp. 3672-3686 (2010).

M.N. Kutty, E. Plis, A. Khoshakhlagh, S. Myers, N. Gautam, S. Smolev, Y. Sharma, R. Dawson, S. Krishna, S.J. Lee, and S.K. Noh, Study of Surface Treatments on InAs/GaSb Superlattice LWIR Detectors, *Journal of Electronic Materials*, (2010).

A.V. Barve, T. Rotter, Y. Sharma, S.J. Lee, S.K. Noh, and S. Krishna, Systematic study of different transitions in high operating temperature quantum dots in a well photodetectors, *Applied Physics Letters* 97, 061105 (2010).

A. Khoshakhlagh, F. Jaeckel, C. Hains, J.B. Rodriguez, L.R. Dawson, K. Malloy, and S. Krishna, Background carrier concentration in midwave and longwave InAs/GaSb type II superlattices on GaAs substrate, *Applied Physics Letters* 97, 051109 (2010).

E. Plis, J.B. Rodriguez, G. Balakrishnan, Y. Sharma, H.S. Kim, T. Rotter and S. Krishna, Mid-infrared InAs/GaSb strained layer superlattice detectors with nBn design grown on a GaAs substrate, *Semicond. Sci. Technol.* 25, 085010 (2010).

S.C. Lee, S. Krishna, and S.R.J. Brueck, Light direction-dependent plasmonic enhancement in quantum dot infrared photodetectors, *Applied Physics Letters* Vol. 97(2), 021112 (2010).

N. Gautam, H.S. Kim, M.N. Kutty, E. Plis, L.R. Dawson, and S. Krishna, Performance improvement of longwave infrared photodetector based on type-II InAs/GaSb superlattices using unipolar current blocking layers, *Appl. Phys. Lett.* 96, 231107 (2010).

A. Barve, J. Shao, Y.D. Sharma, T.E. Vandervelde, K. Sankalp, S.J. Lee, S.K. Noh, and S. Krishna, Resonant Tunneling Barriers in Quantum Dots-in-a-Well Infrared Photodetectors, *IEEE Journal of Quantum Electronics*, Vol. 46(7), July (2010).

R.V. Shenoi, J. Rosenberg, T.E. Vandervelde, O.J. Painter, and S. Krishna, Multispectral Quantum Dots-in-a-Well Infrared Detectors Using Plasmon Assisted Cavities, *IEEE Journal of Quantum Electronics*, Vol. 46(7), July (2010).

C.-C. Chang, Y.D. Sharma, Y.-S. Kim, J.A. Bur, R.V. Shenoi, S. Krishna, D. Huang, and S.-Y. Lin, A Surface Plasmon Enhanced Infrared Photodetector Based on InAs Quantum Dots, *Nano Lett.* 10, 1704–1709 (2010).

E. Plis, A. Khoshakhlagh, S. Myers, H.S. Kim, N. Gautam, Y.D. Sharma, and S. Krishna S.J. Lee and S.K. Noh, Molecular beam epitaxy growth and characterization of type-II InAs/GaSb strained layer superlattices for long-wave infrared detection, *J. Vac. Sci. Technol. B* 28 (3), May/June 2010.

Y.D. Sharma, M.N. Kutty, R.V. Shenoi, A.V. Barve, S. Myers, J. Shao, E. Plis, S. Lee, S. Noh, and S. Krishna, Investigation of multistack InAs/InGaAs/GaAs self-assembled quantum dots-in-double-well structures for infrared detectors, *J. Vac. Sci. Technol. B* 28 (3), May/June 2010.

H.S. Kim, E. Plis, A. Khoshakhlagh, S. Myers, N. Gautam, Y.D. Sharma, L.R. Dawson, S. Krishna, S.J. Lee, and S.K. Noh, Performance improvement of InAs/GaSb strained layer superlattice detectors by reducing surface leakage currents with SU-8 passivation, *Applied Physics Letters* 96, 033502 (2010).

R.P. Prasankumar, W.W. Chow, J. Urayama, R.S. Attaluri, R.V. Shenoi, S. Krishna, and A.J. Taylor, Density-dependent carrier dynamics in a quantum dots-in-a-well Heterostructure, *Applied Physics Letters* 96, 031110 (2010).

A. Khoshakhlagh, S. Myers, H. Kim, E. Plis, N. Gautam, S.J. Lee, S.K. Noh, L. Dawson, and S. Krishna, Long-Wave InAs/GaSb Superlattice Detectors Based on nBn and Pin Designs, *IEEE Journal of Quantum Electronics*, Vol. 46, No. 6, (June 2010).

S.L. Tan, Y. L. Goh, S. dip Das, S. Zhang, C.H. Tan, J.P.R. David, N. Gautam, H.S. Kim, E. Plis, and S. Krishna, Dry etching and surface passivation techniques for type-II InAs/GaSb superlattice infrared detectors, *Proceedings of SPIE*, Vol. 7838 (2010).

Ghosh, S., Banerjee, K., Duan, Q., Grein, C.H., Plis, E., Krishna, S., Hayat, M.M., Dual-carrier multiplication high-gain MWIR strain layer superlattice impact ionization engineered avalanche photodiodes. *Proceedings of SPIE*, Vol. 7660, pp. 76601W-76601W-6 (2010).

Cowan, V.M., Morath. C.P., Swift, S.M., LeVan P.D., Myers. S., Plis E., and Krishna, S. Electrical and Optical Characterization of InAs/GaSb-based nBn IR Detector, *Proceedings of SPIE*, Vol. 7780 (2010).

Wong, A.F., Nelson, M.J., Plis, E.A., Skrutskie, M.F., Yao, L., Vandervelde, T., Kim, H.S., Khoshakhlagh, A., Myers, S.A., and Krishna, S., Characterization of multicolor type-II InAs/GaSb strained-layer superlattice photodetectors for use in astronomical observation. *Proceedings of SPIE*, Vol. 7742 (2010).

N. Gautam, E. Plis, H.S. Kim, M.N. Kutty, S. Myers, A. Khoshakhlagh, L.R. Dawson and S. Krishna, Heterostructure Band Engineering of Type-II InAs/GaSb Superlattice based Longwave Infrared Photodiodes using Unipolar Current Blocking Barriers, *Infrared Technology and Applications XXXVI, Proceedings of SPIE Defense, Security, and Sensing*, April 2010, Orlando, FL.

J. Shao, T.E. Vandervelde, W.-Y. Jang, A. Stintz, and S. Krishna, Improving the operating temperature of quantum dots in a well detectors, *Proceedings of Quantum Sensing and Nanophotonic Devices VII*, SPIE Vol. 7608 76081Y-1-7.

**Mostofi, Yasamin**

Y. Mostofi and A. Ghaffarkhah, Kalman Filtering over Wireless Fading Channels, book chapter, *Wireless Network Based Control* (editor: Sudip Mazumder), Springer, Dec. 2010.

Y. Mostofi and M. Malmirchegini, Binary Consensus over Fading Channels, *IEEE Transactions on Signal Processing*, vol. 58, no. 12, Dec. 2010.

Y. Mostofi and A. Gonzalez-Ruiz, Compressive Cooperative Obstacle Mapping in Mobile Networks, *Proceedings of IEEE Military Communications Conference (Milcom)*, Oct. 2010.

Y. Yan and Y. Mostofi, Robotic Router Formation - A Bit Error Rate Approach, *Proceedings of IEEE Military Communications Conference (Milcom)*, Oct. 2010.

A. Ghaffarkhah and Y. Mostofi, Channel Learning and Communication-Aware Motion Planning in Mobile Networks, *Proceedings of American Control Conference (ACC)*, July 2010.

Y. Mostofi, M. Malmirchegini and A. Ghaffarkhah, Estimation of Communication Signal Strength in Robotic Networks, *Proceedings of IEEE International Conference on Robotics and Automation (ICRA)*, May 2010.

**Murray, Victor**

Murray, V., Rodriguez, P. and Pattichis, M.S., Multi-scale AM-FM Demodulation and Reconstruction Methods with Improved Accuracy, *IEEE Transactions on Image Processing*, vol. 19, no. 5, pp. 1138-1152, May 2010.

Agurto, C., Murray, V., Barriga, E., Murillo, S., Pattichis, M.S., Davis, H., Russell, S., Abramoff, M. and Soliz, P., Multiscale AM-FM Methods for Diabetic Retinopathy Lesion Detection, *IEEE Transactions on Medical Imaging*, vol. 29, no. 2, pp. 502-512, Feb. 2010.

Paul Rodriguez, Victor Murray, and Marios S. Pattichis, A Regularized Optimization Approach for AM-FM Reconstructions, *Signals, Systems and Computers, Proceedings of 2010 Conference Record of the Forty-Fourth Asilomar Conference*, Nov. 2010.

Loizou, C.P., Murray, V., Pattichis, M.S., Pantziaris, M. and Pattichis, C.S., AM-FM Texture Image Analysis in Brain White Matter Lesions in Multiple Sclerosis Subjects, *Proceedings of 2010 IEEE Southwest Symposium on Image Analysis and Interpretation (SSIAI)*, pp. 61-64, May 2010.

Murray, V., Feucht, G.A., Lyke, J.C., Pattichis, M. and Plusquellic, J., Cell-Based Architecture for Reconfigurable Wiring Manifolds, *Proceedings of American Institute of Aeronautics and Astronautics Conference: AIAA Infotech@Aerospace 2010*, Atlanta, Georgia, 2010.

C.I. Christodoulou, P.A. Kaplanis, V. Murray, M.S. Pattichis and C.S. Pattichis, Comparison of AM-FM Features with Standard Features for the Classification of Surface Electromyographic Signals, *Proceedings of XII Mediterranean Conference on Medical and Biological Engineering and Computing*, pp. 69-72, 2010.

Barriga, E.S., Murray, V., Agurto, C., Pattichis, M., Bauman, W., Zamora, G. and Soliz P., Automatic System for Diabetic Retinopathy Screening Based on AM-FM, Partial Least Squares, and Support Vector Machines, *Proceedings of IEEE International Symposium on Biomedical Imaging*, 2010.



Soliz, P., Davis, B., Murray, V., Pattichis, M., Barriga, S. and Russel, S. Toward Automatic Phenotyping of Retinal Images from Genetically Determined Mono- and Dizygotic Twins Using Amplitude-Modulation Frequency-Modulation Methods, *Proceedings of SPIE Medical Imaging*, San Diego, California, Feb. 2010.

Agurto, C., Barriga, S., Murray, V., Pattichis, M., Davis, B., and Soliz, P., Effects of Image Compression and Degradation on an Automated Diabetic Retinopathy Screening Algorithm, *Proceedings of SPIE Medical Imaging*, San Diego, California, Feb. 2010.

Murray, V. and Pattichis, M., Adaptive Wiring Manifold, *Proceedings of ReSpace/MAPLD Conference*, Albuquerque, 2010.

Victor Murray, Daniel Llamocca, Yuebing Jiang, James Lyke, Marios Pattichis, Stephen Achramowicz, and Keith Avery, Adaptive Wiring Panels using Cell-based Architectures: A First Approach, *Proceedings of Reconfigurable Systems Workshop*, Albuquerque, New Mexico, 2010.

Rodriguez, P., Murray, V., and Pattichis, M.S., A Basis Pursuit Approach for Multi-Scale AM-FM Reconstructions, *Proceedings of SIAM Conference on Imaging Science*, Chicago, Illinois, April 2010.

### **Pattichis, Marios**

Llamocca, D., Pattichis, M.S., and Vera, G.A., Partial Reconfigurable FIR Filtering System Using Distributed Arithmetic, vol. 2010, 14 pp., *International Journal of Reconfigurable Computing*, 2010.

Kyriacou, E., Pattichis, C.S., Pattichis, M.S., Loizou, C.P., Christodoulou, C., Kakkos, S. and Nicolaides, A., A Review of Non-invasive Ultrasound Image Processing Methods in the Analysis of Carotid Plaque Morphology for the Assessment of Stroke, *IEEE Transactions on Information Technology in Biomedicine*, vol. 14, no. 4, pp. 1027-1038, July 2010.

Meyer-Base, U., Vera, A., Meyer-Base, A., Pattichis, M.S. and Perry, R., An Undergraduate Course and Laboratory in Digital Signal Processing with Field Programmable Gate Arrays, *IEEE Transactions on Education*, vol. 53, no. 4, pp. 638-645, Nov. 2010.

Murray, V., Rodriguez, P. and Pattichis, M.S., Multi-scale AM-FM Demodulation and Reconstruction Methods with Improved Accuracy, *IEEE Transactions on Image Processing*, vol. 19, no. 2, pp. 1138-1152, May 2010.

Agurto, C., Murray, V., Barriga, E., Murillo, S., Pattichis, M.S., Davis, H., Russell, S.R., Abramoff, M.D., and Soliz, P., Multiscale AM-FM Methods for Diabetic Retinopathy Lesion Detection, *IEEE Transactions on Medical Imaging*, vol. 29, no. 2, pp. 502-512, February 2010.

Loizou, C.P., Murray, V., Pattichis, M.S., Pantziaris, M., Seimenis, I., and Pattichis, C.S., AM-FM Texture Image Analysis in Multiple Sclerosis Brain White Matter Lesions, *Proceedings of IFMBE*, vol. 29, pp. 446-449, 2010.

Christodoulou, C.I., Kaplanis, P.A., Murray, V., Pattichis, M.S., and Pattichis, C.S., Comparison of AM-FM Features with Standard Features for the Classification of Surface Electromyographic Signals, *Proceedings of XII Mediterranean Conference on Medical and Biological Engineering and Computing*, pp. 69-72, 2010.

Llamocca, D., and Pattichis, M.S., Real-time dynamically reconfigurable 2-D filterbanks, *Proceedings of IEEE Southwest Symposium on Image Analysis and Interpretation*, pp. 181-184, 2010.

Loizou, C.P., Murray, V., Pattichis, M.S., Pantziaris, M., and Pattichis, C.S., AM-FM Texture Image Analysis in Brain White Matter Lesions in the Progression of Multiple Sclerosis, *Proceedings of IEEE Southwest Symposium on Image Analysis and Interpretation*, pp. 61-64, 2010.

Rodriguez, P., Murray, V., and Pattichis, M.S., A Regularized Optimization Approach for AM-FM Reconstructions, *Proceedings of Asilomar Conference on Signals, Systems and Computers*, Nov. 2010.

Lambrou, A., Papadopoulos, H., Kyriacou, E.C., Pattichis, C.S., Pattichis, M.S., Gammerman, A., and Nicolaides, A.N., Assesment of Stroke Risk Based on Morphological Ultrasound Image Analysis With Conformal Prediction, *Proceedings of 6th IFIP Conference on Artificial Intelligence Applications and Innovations*, AIAI 2010, pp. 146-153, Larnaca Cyprus, Oct. 2010.

Panayides, A., Pattichis, M.S., Pattichis, C.S., Schizas, C.N., Spanias, A., and Kyriacou, E., An Overview of Recent End-to-End Wireless Medical Video Telemedicine Systems using 3G, *Proceedings of 32nd Annual Conference of the IEEE Engineering in Medicine and Biology Society, IEEE EMBC'10*, Buenos Aires, Argentina, pp. 1045-1048, August 2010.

Murray, V., Feucht, G.A., Lyke, J.C., Pattichis, M.S., and Plusquellic, J., Cell-based Architecture for Reconfigurable Wiring Manifolds, *Proceedings of American Institute of Aeronautics and Astronautics Conference: AIAA Infotech@Aerospace 2010*, Atlanta, Georgia, April 2010.

Llamocca, D., Pattichis, M.S., Vera, G.A., and Lyke, J.C., Dynamic Partial Configuration through Ethernet Link, *Proceedings of American Institute of Aeronautics and Astronautics Conference: AIAA Infotech@Aerospace 2010*, Atlanta, Georgia, April 2010.

Barriga, E.S., Murray, V., Agurto, C., Pattichis, M.S., Bauman, W., Zamora, G., and Soliz, P., Automatic System for Diabetic Retinopathy Screening Based on AM-FM, Partial Least Squares, and Support Vector Machines, *Proceedings of IEEE International Symposium on Biomedical Imaging*, pp. 1349-1352, 2010.

Soliz, P., Davis, B., Murray, V., Pattichis, M.S., Barriga, S., and Russell, S., Toward Automatic Phenotyping of Retinal Images from Genetically Determined Mono and Dizygotic Twins Using Amplitude-Modulation Frequency-Modulation Methods, *Proceedings of SPIE Medical Imaging*, San Diego, California, Feb. 2010.

Murillo, S., Pattichis, M.S., Soliz, P., Loizou, C.P., and Pattichis, C.S., Global Optimization for Motion Estimation with Applications to Ultrasound Videos of Carotid Artery Plaques, *Proceedings of SPIE Medical Imaging*, San Diego, California, Feb. 2010.

Agurto, C., Barriga, S., Murray, V., Pattichis, M.S., Davis, B., and Soliz, P., Effects of Image Compression and Degradation on an Automated Diabetic Retinopathy Screening Algorithm, *Proceedings of SPIE Medical Imaging: Computer-Aided Diagnosis*, vol. 7624, pp. 76240H-1 – 76240H-9, San Diego, California, Feb. 2010.

Panayides A., Pattichis, M.S., and Pattichis, C.S., Wireless Ultrasound Video Transmission for Stroke Risk Assessment: Quality Metrics and System Design, *Proceedings of International Workshop on*

*Video Processing and Quality Metrics for Consumer Electronics*, (VPQM 2010), Scottsdale, Arizona, Jan. 2010.

**Pepin, Matthew**

Pepin M, and M.M. Hayat, Estimation of the Vibration Spectra and Vibrating Direction with Synthetic Aperture Radar, *Proceedings of SPIE Defense, Sensing, and Security Symposium*, Orlando, FL, 2010.

**Pérez-González, Fernando**

Bilal Shebaro, Fernando Pérez-González, and Jediaiah R. Crandall. *Leaving Timing Channel Fingerprints in Hidden Service Log Files*. Elsevier Digital Investigation, 2010.

Nahuel Dalgaard, Carlos Mosquera, and Fernando Pérez-González. On the role of differentiation for resampling detection. *Proceedings of IEEE International Conference on Image Processing (ICIP'10)*, Hong Kong, China, September 2010.

Bilal Shebaro, Fernando Pérez-González, and Jediaiah R. Crandall. Leaving Timing Channel Fingerprints in Hidden Service Log Files. *Proceedings of Digital Forensic Research Workshop Annual Conference, DFRWS 2010*, Portland, Oregon, August 2010.

Juan Ramón Troncoso-Pastoriza and Fernando Pérez-González. CryptoDSPs for Cloud Privacy. *Proceedings of CISE 2010*, Hong Kong, China, December 2010.

Juan Ramón Troncoso-Pastoriza and Fernando Pérez-González. Secure and Private Medical Clouds using Encrypted Processing. *Proceedings of VPH 2010*, Brussels, Belgium, October 2010.

Juan Ramón Troncoso-Pastoriza, Daniel González-Jiménez, and Fernando Pérez-González. A new model for Gabor Coefficients' Magnitude in Face Recognition. *Proceedings of IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2010)*, Dallas, USA, March 2010. IEEE.

David Vázquez-Padín, Carlos Mosquera, and Fernando Pérez-González. Two-dimensional Statistical Test for the Presence of Almost Cyclostationarity on Images. *Proceedings of IEEE International Conference on Image Processing (ICIP'10)*, Hong Kong, China, September 2010. IEEE.

V. Santalla del Rio, D. Franco-Vázquez, L. Abalde-Lima, F. Pérez-González and C. Christodoulou. Statistical modeling of vegetation structures for scattering models. *Proceedings of 2010 IEEE APS/URSI Symposium*, Toronto, Ontario, Canada, July 2010.

**Phillips, Cynthia**

Integrating Event Detection System Operating Characteristics into Sensor Placement Optimization, *Proceedings of 12th Water Distribution Systems Analysis Symposium*, September 2010.

**Plis, Elena**

Plis, E., Rodriguez, J.B., Balakrishnan, G., Sharma, Y.D., Kim, H.S., Rotter, T., and Krishna S. Mid-Infrared InAs/GaSb strained layer superlattice detectors with nBn design grown on GaAs substrate, *Journal of Semiconductor Science and Technology*, vol. 25, p. 085010 (2010).

Banerjee, K., Ghosh, S., Plis, E., and Krishna, S. Study of Short- and Long-Term Effectiveness of Ammonium Sulfide as Surface Passivation for InAs/GaSb Superlattices Using X-Ray Photoelectron Spectroscopy," *Journal of Electronic Materials* vol. 39(10), p. 2210 (2010).

Plis, E., Myers, S., Kim, H.S., Khoshakhlagh, A., Gautam, N., Sharma, Y.D., Krishna, S., Lee, S. J., and Noh, S. K. MBE Growth and Characterization of Type-II InAs/GaSb Strained Layer Superlattices for Long-Infrared Detection, *Journal of Vacuum Science and Technology B* vol. 28(3), p. C3G13 (2010).

Gautam, N., Kim, H.S., Myers, S., Plis, E., Kutty, M.N., Naydenkov, M., Klein, B., Dawson, L.R., and Krishna, S. Heterojunction Bandgap Engineered Photodetector Based on Type-II InAs/ GaSb Superlattice for Single Color and Bicolor Infrared Detection, *Journal of Infrared Physics and Technology* (2010).

Plis, E., Myers, S., Kutty, M.N., Mailfert, J., Krishna, S., Smith, E.P., and Johnson, S. Lateral diffusion of minority carriers in InAsSb-based nBn detectors, *Applied Physics Letters* vol. 97, p. 123503 (2010).

Plis, E., Kutty, M.N., Myers, S., Kim, H.S., Gautam, N., Dawson, L.R., and Krishna, S. Passivation of Longwave Infrared InAs/GaSb Strained Layer Superlattice detectors. *Journal of Infrared Physics and Technology*, (2010).

Ko, H., Takei, K., Kapadia, R., Chuang, S., Leu, P. W., Ganapathi, K., Madsen, M., Ford, A.C., Chen, S.-Y., Chueh, Y.-L., Plis, E., Kim, H.S., Krishna, S., Salahuddin, S., and Javey, A. Ultrathin compound semiconductor on insulator (XOI) for high performance nanoscale transistors, *Nature*, vol. 468 (2010).

Kutty, M.N., Plis, E., Khoshakhlagh, A., Myers, S., Gautam, N., Smolev, S., Sharma, Y. D., Dawson, R., Krishna, S., Lee, S. J., and Noh, S.K. Study of Surface Treatments on InAs/GaSb Superlattice LWIR Detectors, *Journal of Electronic Materials*, vol. 39(10), p. 2203 (2010).

Sharma, Y.D., Kutty, M.N., Shenoi, R.V., Barve, A.V., Myers, S., Shao, J., Plis, E., Lee, S.J., Noh, S.K., and Krishna, S. Investigation of multistack InAs/InGaAs/GaAs self-assembled quantum dots-in-double-well structures for infrared detectors, *Journal of Vacuum Science and Technology* vol. 28(3), p. C3G1 (2010).

Khoshakhlagh, A., Myers, S., Kim, H.S., Plis, E., Gautam, N., Lee, S.J., Noh, S.K., L. Dawson, L. R., and Krishna, S. Long-Wave InAs/GaSb Superlattice Detectors Based on nBn and Pin Designs, *IEEE Journal of Quantum Electronics*, vol. 46(6), p. 959 (2010).

Kim, H. S., Plis, E., Gautam, N., Myers, S., Sharma, Y., Dawson, L.R., and Krishna S. Reduction of Surface Leakage Current in InAs/GaSb Strained Layer Long Wavelength Superlattice Detectors Using SU-8 Passivation, *Applied Physics Letters* vol. 97, p. 143512 (2010).

Gautam, N., Kim, H.S., Kutty, M.N., Plis, E., Dawson, L.R., and Krishna S. Performance improvement of longwave infrared photodetector based on type-II InAs/GaSb SLS using unipolar current blocking layers, *Applied Physics Letters*, vol. 96, p. 231107 (2010)

Kim, H.S., Plis, E., Khoshakhlagh, A., Myers, S., Gautam, N., Sharma, Y., Dawson, L.R., Lee, S.J., and Noh, S.K. Performance improvement of InAs/GaSb strained layer superlattice detectors by reducing surface leakage currents with SU-8 passivation, *Applied Physics Letters*, vol. 96, p. 033502 (2010).

Tan, S.L., Goh, Y.L., dip Das, S., Zhang, S., Tan, C.H., David, J.P.R., Gautam, N., Kim, H.S., Plis, E., and Krishna, S. Dry etching and surface passivation techniques for type-II InAs/GaSb superlattice infrared detectors, *Infrared Technology and Applications, XXXVI Conference-Proceedings of SPIE*, vol. 7838 (2010).

Cowan, V.M., Morath, C.P., Swift, S.M., LeVan P.D., Myers, S., Plis, E., and Krishna, S. Detectors and Imaging Devices: Infrared, Focal Plane, Single Photon Infrared Technology and Applications, *XXXVI Conference-Proceedings of SPIE*, vol. 7780 (2010).

Wong, A.F., Nelson, M.J., Plis, E.A., Skrutskie, M.F., Yao, L., Vandervelde, T., Kim, H.S., Khoshakhlagh, A., Myers, S.A., and Krishna, S. Characterization of multicolor type-II InAs/GaSb strained-layer superlattice photodetectors for use in astronomical observation *Infrared Technology and Applications, XXXVI Conference-Proceedings of SPIE*, vol. 7742 (2010).

Kim, H.S., Plis, E., Gautam, N., Khoshakhlagh, A., Myers, S., Kutty, M.N., Sharma, Y., Dawson, L.R., and Krishna, S. SU-8 passivation of type-II InAs/GaSb strained layer superlattice detectors, *Infrared Technology and Applications, XXXVI Conference-Proceedings of SPIE*, vol. 7660 (2010).

Gautam, N., Plis, E., Kim, H.S., Kutty, M.N., Myers, S., Khoshakhlagh, A., Dawson, L.R., and Krishna, S. Heterostructure Band Engineering of Longwave Infrared Photodiodes with Type-II InAs/GaSb Superlattices Using Unipolar Current Blocking Layers, *Infrared Technology and Applications XXXVI, Conference-Proceedings of SPIE*, vol. 7660 (2010).

Khoshakhlagh, A., Myers, S., Plis, E., Kutty, M.N., Klein, B., Gautam, N., Kim, H.S., Smith, E.P., Rhiger, D., and Krishna, S. Mid-Wavelength InAsSb Detectors Based on nBn Design, *Infrared Technology and Applications, XXXVI Conference-Proceedings of SPIE*, vol. 7660, (2010)

Ghosh, S., Banerjee, K., Duan, Q., Grein, C. H., Plis, E. A., Krishna, S., and Hayat, M.M. Dual-carrier multiplication high-gain MWIR strained layer superlattice impact ionization engineered avalanche photodiodes for linear mode counting applications, *Infrared Technology and Applications, XXXVI Conference-Proceedings of SPIE*, vol. 7660, p. 76601W (2010)

### **Plusquellic, James**

J. Aarestad, D. Acharyya, R. Rad and J. Plusquellic, Detecting Trojans Through Leakage Current Analysis Using Multiple Supply Pad  $I_{DDQS}$ , *Transactions on Information Forensics and Security*, Volume 5, Issue 4, 2010, pp. 893-904.

R.M. Rad, M. Tehranipoor, J. Plusquellic, A Sensitivity Analysis of Power Signal Methods for Detecting Hardware Trojans under Real Process and Environmental Conditions, *Transactions in VLSI*, Volume 18, Issue 12, 2010, pp. 1735-1744.

D. Acharyya, K. Agarwal, J. Plusquellic, Leveraging Existing Power Control Circuits and Power Delivery Architecture for Variability Measurement, *Proceedings of International Test Conference*, 2010.

J. Plusquellic and D. Acharyya, Leveraging the Power Grid for Localizing Trojans and Defects, *Proceedings of International Symposium on Testing and Failure Analysis*, 2010.

R. Helinski, D. Acharyya, J. Plusquellic, Quality Metric Evaluation of a Physical Unclonable Function Derived from an IC's Power Distribution System, *Proceedings of Design Automation Conference*, 2010, pp. 240-243.

V. Murray, G. A. Feucht, J. C. Lyke, M. Pattichis, J. Plusquellic, Cell-Based Architecture for Reconfigurable Wiring Manifolds, *Proceedings of American Institute of Aeronautics and Astronautics*, 2010.

### **Posse, Stefan**

Martinez-Ramon, M., Gallardo-Antolin, A., Heileman, G., Yung, K.T., Zheng, W., Zhao C., Posse, S., Automatic Outer Volume Suppression (OVS) Slice Placement for Proton-Echo-Planar-Spectroscopic-Imaging (PEPSI), *Magnetic Resonance in Medicine*, Vol. 63, No. 3, Feb. 2010, pp. 592-600.

Lu, C.-Y., Lin, Y.-R., Posse, S., Tsai, S.-Y. An Investigation of the Acceleration Factor in TE-averaged Data-Sharing Radial Proton Echo Planar Spectroscopic Imaging(dsrPEPSI). *Proceedings of International Society for Magnetic Resonance in Medicine (ISMRM) 2010*.

Wu, K.-T., Huang, C.-S., Posse, S., Tsai, S.-Y. Correction of Cerebral Metabolite Concentrations for Brain Tissue. *Proton Spectroscopic Imaging. Proceedings of International Society for Magnetic Resonance in Medicine (ISMRM) 2010*.

Yoshimoto, A.E., van der Kouwe, A., Lin, F.-H., Wald, L.L, Posse, S., Cerebrospinal Fluid Partial Volume Correction in Quantitative Short TE Magnetic Resonance Spectroscopic Imaging. *Proceedings of International Society for Magnetic Resonance in Medicine (ISMRM) 2010*.

Yoshimoto, A.E., Zhao, C., Yung, K.T., Zheng, W., Ackley, E., Dager, S., vanMeter, J., Heberlein, K., Dydak, U., Tsai, S.-Y., Lin, F.-S, Wald, L.L, van der Kouwe, A., Bustillo, J., Posse, S. 3D High Spatial Resolution Short TE Proton-Echo-Planar-Spectroscopic-Imaging (PEPSI) at 3T in Clinically Feasible Measurement Times. *Proceedings of International Society for Magnetic Resonance in Medicine (ISMRM) 2010*.

Yung, K-T., Zhao, C., Zheng, W., Martinez-Ramon, M., van der Kouwe, A., Posse, S. Atlas-Based Automated Positioning of Outer Volume Suppression Slices in Short-TE 3D MR Spectroscopic Imaging of the Human Brain. *Proceedings of International Society for Magnetic Resonance in Medicine (ISMRM) 2010*.

Dydak, U., Marjanska, M., Posse, S. High-Speed GABA Mapping in Human Brain with MEGA-PEPSI at 3 Tesla. *Proceedings of International Society for Magnetic Resonance in Medicine (ISMRM) 2010*.

Zhao, C., Bolan, P., Sillerud, L., Royce, M., Wallace, A.M., Eberhardt, S., Rosenberg, R., Heintz, P., Lomo, L., Posse, S. A Total Choline Quantification Method for Water- and Lipid-Suppressed Breast MR Spectroscopic Imaging at 3T. *Proceedings of International Society for Magnetic Resonance in Medicine (ISMRM) 2010*.

Posse, S., Yoshimoto, A., Rick, J., Akrofi, K., Ackley, E., Speck, O. Real-time Functional MRI at 3 Tesla using Parallel Multiple-Slab Echo Volumar Imaging. *Proceedings of 16th Annual Meeting of the Organization of Human Brain Mapping 2010*, 3590.

Zhao, C., Bolan, P., Lakkadi, N., Sillerud, L., Royce, M., Wallace, AM, Eberhardt, S., Heintz, P., Lomo, L., Posse, S., Total Choline Measurement in Human Breast Using High-Speed MR Spectroscopic Imaging at 3T, *Proceedings of 33rd Annual San Antonio Breast Cancer Symposium 2010*, P2-06-16.

**Polli, Andrea**

Who Owns the Air? Emissions Trading and Contemporary Media Art, *Transdiscourse 1: Mediated Environments*, Springer Vienna Architecture; 1st Ed., December 2010.

**Santhanam, Balu**

Q. Wang, M. Pepin, B. Santhanam, T. Atwood, and M.M. Hayat, SAR-based vibration retrieval using the fractional Fourier transform in slow time, *Proceedings of SPIE Conference on Radar Sensor Technology*, Vol. 7669, pp. 766911-766911-10, April 2010.

B. Santhanam and M. Hayat, On a Subspace Framework for Discrete Fractional Fourier Transform Based Chirp Parameter Estimation, *Proceedings of DSP/SPE Workshop*, pp. 360-363, Sedona, AZ, Jan 2011.

**Schamiloglu, Edl**

M.I. Fuks, V.A. Gintsburg, N.G. Kolganov, N.F. Kovalev, and E. Schamiloglu, Experimental Study of a Relativistic Resonant Traveling Wave Tube with Selective Feedback Provided by Bragg Reflectors, *IEEE Trans. Plasma Sci.*, vol. 38, 1255-1263 (2010).

M.I. Fuks and E. Schamiloglu, 70% Efficient Relativistic Magnetron With Axial Extraction of Radiation Through a Horn Antenna, *IEEE Trans. Plasma Sci.*, vol. 38, 1302-1312 (2010).

P. Kumar, S. Altunç, C.E. Baum, C.J. Buchenauer, C.G. Christodoulou, and E. Schamiloglu, Radially Inhomogeneous Spherical Dielectric Lens for Matching 100 ps Pulses into Biological Targets, *IEEE Trans. Plasma Sci.*, vol. 38, 1915-1927 (2010).

M. Liu, C. Michel, S. Prasad, M. Fuks, E. Schamiloglu, and C.-L. Liu, RF Mode Switching in a Relativistic Magnetron with Diffraction Output, *Appl. Phys. Lett.*, vol. 97, 251501-1-251501-3 (2010).

M. Fuks, S. Prasad, and E. Schamiloglu, Increased Efficiency and Faster Turn-on in Magnetrons using the Transparent Cathode, *Proceedings of CAVMAG2010* (Bournemouth, UK, April 19-20, 2010).

S. Prasad, D. Galbreath, M. Fuks, and E. Schamiloglu, Influence of Implementing Straps on Pulsed Relativistic Magnetron Operation, *Proceedings of IVEC 2010* pp. 379-380 (Monterey, CA, 2010).

M. Fuks and E. Schamiloglu, Mode Separation in a Magnetron with Diffraction Output Driven by a Transparent Cathode, *Proceedings of IVEC 2010*, pp. 511-512 (Monterey, CA, 2010).

E. Schamiloglu and M. Fuks, 70% Efficient Relativistic Magnetron with Axial Extraction Through a Horn Antenna, *Proceedings of 16th Symposium on High Current Electronics*, pp. 389-394 (Tomsk, Russia, 2010).

E. Schamiloglu, M. Fuks, S. Prasad, C. Leach, C. Michel, M. Liu, and M. Roybal, A6 Magnetrons Driven by a Transparent Cathode: Recent Results from Experiments and PIC Simulations, *Proceedings of*

3rd EuroAsian Pulsed Power Conference and 2010 BEAMS Conference, pp. MoB1-1-6 (Jeju, S. Korea, 2010).

### **Sen, Pradeep**

P. Sen and S. Darabi, Compressive Rendering: A Rendering Application of Computer Graphics, *IEEE Transactions on Computer Graphics*, 2010.

P. Sen and S. Darabi, Compressive Estimation for Signal Integration in Rendering, *Computer Graphics Forum, Proceedings of the Eurographics Symposium on Rendering*, Vol. 29, No. 4, 2010.

S. Wenger, S. Darabi, P. Sen, K. Glassmeier, M. Magnor, Compressed sensing for Aperture Synthesis Imaging, *Proceedings of the International Conference on Image Processing*, Hong Kong, China, September 2010.

M. Magnor, P. Sen, J. Kniss, E. Angel, and S. Wenger, Progress in Rendering and Modeling for Digital Planetariums, *Proceedings of Eurographics 2010, Area Papers*, Norrkoping, Sweden, May 2010.

### **Shu, Wei**

Y. Yang, X. Lu, W. Shu and M.Y. Wu, Quality Evaluation of Vehicle Navigation with CPS, *Proceedings of IEEE Globecom*, December 2010.

J. Crichigno, J. Khoury, W. Shu, M.Y. Wu and N. Ghani, Dynamic Routing Optimization in WDM Networks, *Proceedings of IEEE Globecom*, December 2010.

X. Li, J. Hu, W. Shu and M.Y. Wu, BSS: A Distributed Top-k Processing in Mobile BusNet for Security Surveillance, *Proceedings of IEEE International Symposium on Wireless Vehicular Communications (WiVeC)*, May 2010.

F. Gu, X. Li, M.Y. Wu and W. Shu, Impact of Using Multi-Packet Reception on Performance in Delay Tolerant Networks, *Proceedings of IEEE International Symposium on Wireless Vehicular Communications (WiVeC)*, May 2010.

J. Crichigno, M.Y. Wu and W. Shu, Throughput Optimization and Traffic Engineering in WDM Networks Considering Multiple Metrics, *Proceedings of ICC*, May 2010.

J. Crichigno, M.Y. Wu and W. Shu, Minimum Length Scheduling in Single-hop Multiple Access Wireless Networks, *Proceedings of ICC*, May 2010.

T. Cao, X. Li, H. Huang, M. Li, W. Shu and M.Y. Wu, Double Checking: Cooperative Violator Identification for Bus Lane Enforcement with Sensor Networks, *Proceedings of IEEE WCNC*, April 2010.

J. Crichigno, M.Y. Wu and W. Shu, Maximizing Throughput in Wireless Multi-Access Channel Networks, *Proceedings of IEEE WCNC*, April 2010.



**Simpson, Jamesina**

C. Mendez Ruiz and J. J. Simpson, Detection of embedded ultra-subwavelength-thin dielectric features using elongated photonic nanojets, *Optics Express*, vol. 18, iss. 16, pp. 16805-16812, 2010.

C. Mendez Ruiz and J. J. Simpson, Detection of embedded ultra-subwavelength-thin dielectric features using elongated photonic nanojets, *Virtual Journal of Biomedical Optics*, vol. 18, no. 16, p. 16805, 2010.

Y. Yu and J. J. Simpson, An E-J collocated 3-D FDTD model of electromagnetic wave propagation in magnetized cold plasma, *IEEE Transactions on Antennas and Propagation*, vol. 58, no. 2, pp. 469-478, 2010.

J. J. Simpson, Global 3-D Maxwell's equations FDTD modeling of the effects of space weather on the Earth-ionosphere system, *Proceedings of International Conference on Electromagnetics in Advanced Applications (ICEAA)*, Sydney, Australia, Sept. 2010.

J. Niu and J. J. Simpson, 3D FDTD modeling of marine CSEM in detecting subseafloor hydrocarbon reservoirs, *Proceedings of IEEE AP-S International Symposium and USNC/URSI National Radio Science Meeting*, Toronto, Canada, July 2010.

Y. Yu and J. J. Simpson, Global 3-D FDTD modeling of electromagnetic wave propagation within the Earth-ionosphere system including a magnetized cold plasma ionosphere, *Proceedings of IEEE AP-S International Symposium and USNC/URSI National Radio Science Meeting*, Toronto, Canada, July 2010.

J. J. Simpson, Optical detection of a nanometer-thick dielectric layer via cepstral analysis of photonic nanojet backscattering, *Proceedings of Progress in Electromagnetics Research Symposium (PIERS)*, Cambridge, MA, July 2010.

J. J. Simpson, Optical detection of a narrow ultra-subwavelength-thin dielectric layer via cepstral analysis of photonic nanojet backscattering, *Proceedings of Photonics North*, Niagara Falls, Canada, June 2010.

J. J. Simpson, Extended Photonic Nanojets for Obtaining the Internal Composition of a Dielectric Slab, *Proceedings of URSI National Radio Science Meeting*, Boulder, CO, Jan. 2010 (invited).

Y. Yu and J. J. Simpson, FDTD Calculation of the Faraday Rotation of EM Waves Propagating within the Ionosphere, *Proceedings of URSI National Radio Science Meeting*, Boulder, CO, Jan. 2010.

C. Mendez Ruiz and J. J. Simpson, Ultra High-Resolution FDTD Modeling of a High-Performance VLSI Package for Identifying EMC Issues, *Proceedings of URSI National Radio Science Meeting*, Boulder, CO, Jan. 2010.

**Smolyakov, Gennady**

J. B. Plumley, N. J. Withers, A. C. Rivera, B. A. Akins, J. M. Vargas, K. Carpenter, G. A. Smolyakov, R. D. Busch, M. Osiński, Thermal neutron detectors based on gadolinium-containing lanthanide-halide nanoscintillators, *Chemical, Biological, Radiological, Nuclear, and Explosives (CBRNE) Sensing XI* (Augustus W. Fountain III, Patrick J. Gardner, Eds.), *Proc. SPIE* 7665, 76651F (2010).

N. J. Withers, J. B. Plumley, B. A. Akins, A. C. Rivera, G. Medina, G. A. Smolyakov, G. S. Timmins, and M. Osiński, Radiation sensitivity enhancement in cells using high-Z nanoparticles, *Colloidal Quantum Dots for Biomedical Applications V* (M. Osiński, W. J. Parak, T. M. Jovin, and K. Yamamoto, Eds.), *Proceedings of SPIE International Symposium on Biomedical Optics BiOS 2010*, Vol. 7575, Paper 75750Z San Francisco, California, 23-25 January 2010.

M. Osiński, B. A. Akins, G. Medina, T. A. Memon, and G. A. Smolyakov, Nanophosphors based on CdSe/ZnS colloidal quantum dots for daylight-quality white LEDs. *Nanotechnologies in Society, Health, and the Environment, Proceedings of the International Conference on Nanoscience and Nanotechnology*, Sydney, Australia, February 2010.

M. Osiński, J. B. Plumley, N. J. Withers, B. A. Akins, G. Medina, A. C. Rivera, and G. A. Smolyakov, Synthesis and characterization of lanthanide halide scintillating nanocrystals for gamma radiation detection. *Nanomaterials, Proceedings of the International Conference on Nanoscience and Nanotechnology*, Sydney, Australia, February 2010.

### **Zarkesh-Ha, Payman**

P. Zarkesh-Ha and A. Shahi, Logic Gate Failure Characterization for Nanoelectronic EDA Tools, *Proceedings of IEEE International Symposium on Defect and Fault Tolerance in VLSI Systems (DFTS)*, pp. 16-23, Oct. 2010.

S. Devarapalli, P. Zarkesh-Ha, and S. Suddarth, A robust and low power dual data rate (DDR) flip-flop using c-elements, *Proceedings of International Symposium on Quality Electronic Design (ISQED)*, pp. 147-150, March 2010.

S. Devarapalli, P. Zarkesh-Ha, and S. Suddarth, SEU-Hardened Dual Data Rate Flip-Flop Using C-Elements, *Proceedings of IEEE International Symposium on Defect and Fault Tolerance in VLSI Systems (DFTS)*, pp. 167-171, Oct. 2010.

A. Atghiaee, N. Masoumi, and P. Zarkesh-Ha, Nano-scale Early-Design-Stage Prediction for Crosstalk-Induced Power, *International Nanoelectronics Conference (INEC)*, pp. 585-586, Jan. 2010.

P. Zarkesh-Ha, W. Jang, P. Nguyen, A. Khoshakhlagh, and J. Xu, A Reconfigurable ROIC for Integrated Infrared Spectral Sensing, *Proceedings of 23rd Annual Meeting of the IEEE Photonic Society*, pp. 714-715, Nov. 2010.

N. Purushotham, S. Devarapalli, J. Lyke, and P. Zarkesh-Ha, Self-Healing Adjustable Memory System, *Proceedings of American Institute of Aeronautics and Astronautics, AIAA 2010-3373*, April 2010.

G. Bezerra, S. Forrest, M. Moses, A. Davis, and P. Zarkesh-Ha, Modeling NoC Traffic Locality and Energy Consumption with Rent's Communication Probability Distribution, *Proceedings of IEEE System Level Interconnect Prediction (SLIP) Workshop*, pp. 3-8, June 2010.

P. Zarkesh-Ha, G. Bezerra, S. Forrest, and M. Moses, Hybrid Network on Chip (HNoC): Local Buses with a Global Mesh Architecture, *Proceedings of IEEE System Level Interconnect Prediction (SLIP) Workshop*, pp. 9-14, June 2010.

R. Helinski, T. LeBoeuf, C. Hoffman, and P. Zarkesh-Ha, A Linear Digital VCO for Clock Data Recovery (CDR) Applications, *Proceedings of IEEE International Conference on Electronics, Circuits, and Systems (ICECS)*, pp. 98-101, Dec. 2010.

**Zrilic, Djuro**

Circuit for Multiplication of two Sigma-Delta Modulated Pulse Streams, *Proceedings of World Automation Congress, WAC 2010, Kobe, Japan, September 19-23, 2010*

Associate Editor: *International Journal of Intelligence Paradigms, Computers and Electrical Engineering: Journal of Intelligent & Fuzzy Systems*, 201.

## MECHANICAL ENGINEERING

### **Khraishi, Tariq**

B. Arritt, B. Adomanis, T. Khraishi, D. Smith, 2010, "Parametric analysis of the strain-dependent behavior of a metamaterial electric resonator," *Applied Physics Letters*, Vol. 97, 191907.

M. Tehrani, M.S. Al-Haik, C. Dyck, T. Khraishi, 2010, "A practical route for the characterization of zinc powder compacts with the aid of instrumented indentation and scratch tests," *Materials Science and Engineering A*, Vol. 528, pp. 494-499.

C. Gaball, S. Lovald, T. Khraishi, K. Eisbach, B. Baack, 2010, "Case Presentation and Engineering Analysis of an Unreported and Unrecognized Complication of Septoplasty," *Archives of Facial Plastic Surgery*, Vol. 12, no. 6, pp. 385-392.

T.A. Khraishi, Y.-L. Shen, Z.C. Leseman, 2010, "Unveiling the nature of nano-scale crystal plasticity using straws," *Journal of Vacuum Science and Technology B: Microelectronics and Nanometer Structures*, Vol. 28, No. 2, pp. L13-L16.

T.A. Khraishi, M.S. Al-Haik, 2010, "Experiments in Materials Science and Engineering," *Cognella*, San Diego, California.

J. Kimsal, D. Mercer, J. Fitzpatrick, S. Bozorgnia, G. Mlady, R. Schenck, T. DeCoster, T. Khraishi, "Assessment of Fixation Stiffness in Medial Tibial Osteotomy," *Proceedings of the ORS 56th Annual Meeting*, March 2010, New Orleans, Louisiana.

### **Leseman, Zayd**

D.F. Goettler, M.F. Su, Z.C. Leseman, Y.M. Soliman, R.H. Olsson III, I. El-Kady, "Realizing the fQ product limit in silicon via compact phononic crystal resonators," *Journal of Applied Physics*, vol. 108, (5), 2010.

Y.M. Soliman, M.F. Su, Z.C. Leseman, C.M. Reinke, I. El-Kady, R.H. Olsson III, "Effects of release holes on micro-scale solid-solid phononic crystals," *Applied Physics Letters*, vol. 97, 081907, 2010.

M.A. Atwater, J. Phillips, and Z.C. Leseman, "Formation of carbon nanofibers and thin films catalyzed by palladium in ethylene-hydrogen mixtures," *J. Phys. Chem.*, vol. 114, 5804-5810, 2010.

T.A. Khraishi, Y.-L. Shen, and Z.C. Leseman, "Unveiling the nature of nanoscale crystal plasticity using straws," *J. Vac. Sci. Technol. B*, vol. 28, Mar/Apr 2010.

M.A. Atwater, J. Phillips, and Z.C. Leseman, "The effect of powder sintering on the palladium-catalyzed formation of carbon nanofibers from ethylene-oxygen mixtures," *Carbon*, vol. 48, pp. 1932-1938.

M.F. Su, R.H. Olsson-III, Z.C. Leseman, and I. El-Kady, "Realization of a phononic crystal operating at gigahertz frequencies," *Applied Physics Letters*, vol. 96, 2010.

K. Abbas, S. Alaie, M. Hossein-Zadeh, and Z.C. Leseman, "Use of radiation pressure to calibrate sub micro-newton forces and damping ratios," *Proceedings ASME Micro-ElectroMechanical Systems (MEMS) 2010*, IMECE2010-38934, 2010.

D.F. Goettler and Z.C. Leseman, "nanoFIBrication of a two-dimensional phononic crystal in a free-standing membrane," *Proceedings ASME Micro-ElectroMechanical Systems (MEMS) 2010*, IMECE2010-38956, 2010.

H. Soliman, J. Phillips, C.C. Luhrs, H. Zea, and Z.C. Leseman, "Aerosol synthesis of nano and micro-scale zero valent nickel particles from oxide precursors," *Proceedings ASME Micro-ElectroMechanical Systems (MEMS) 2010*, IMECE2010-39075, 2010.

M.F. Su, C. Reinke, Y.M. Soliman, Z.C. Leseman, R.H. Olsson III, and I. El-Kady, "Effect of release holes on micro-scale solid-solid phononic crystals," *Proceedings ASME Micro-ElectroMechanical Systems (MEMS) 2010*, IMECE2010-39403, 2010.

M.R. Kashamolla, D.F. Goettler, A.R. Mousavi, and Z.C. Leseman, "Mode II measurements for stiction failed MEMS Devices," *Proceedings ASME Micro-ElectroMechanical Systems (MEMS) 2010*, IMECE2010-39013, 2010.

J. Butner and Z.C. Leseman, "The effect of temperature on the etch rate and roughness of surfaces etched with XeF<sub>2</sub>," *Proceedings ASME Micro-ElectroMechanical Systems (MEMS) 2010*, IMECE2010-38984, 2010.

S. Alaie, A.K. Mousavi and Z.C. Leseman, "Finite element analysis of a phononic crystal at GHz frequencies," *Proceedings ASME Micro-ElectroMechanical Systems (MEMS) 2010*, IMECE2010-39005, 2010.

D.F. Goettler, M.F. Su, R.H. Olsson III, D.B. Burckel, I. El-Kady, and Z.C. Leseman, "nanoFIBrication of ultrahigh aspect ratio of vias in silicon," *Proceedings ASME Micro-ElectroMechanical Systems (MEMS) 2010*, IMECE2010-38956, 2010.

A.K. Mousavi, S. Alaie, M.R. Kashamolla, and Z.C. Leseman, "Nonlinear approach for strain energy release rate in micro cantilevers," *Proceedings ASME Micro-ElectroMechanical Systems (MEMS) 2010*, IMECE2010-38905, 2010.

### **Lumia, Ronald**

Cortez, R.A., Tanner, H.G., Lumia, R., Abdallah, C.T., "Information Surfing for Radiation Map Building," *IEEE Journal of Robotics and Automation*, Vol. 26, No. 1, 2010.

Lumia, R., Gatla, C.S., Wood, J., Starr, G., "Laser Tagging: An Approach for Rapid Robot Trajectory Definition," *Proceedings of the IEEE International Conference on Industrial Technology*, Vina del Mar, Valparaiso, Chile, March 2010.

Martinez, M. and Lumia, R., "IPMC Force Distribution Map Measurements," *Proceedings of the 16th US National Congress on Theoretical and Applied Mechanics*, State College, PA, June/July 2010.

Maestas, D., Lumia, R., "Scale Invariant Feature Transform (SIFT) Parametric Optimization using Taguchi Design of Experiments," *Proceedings of the International Conference on Intelligent Robotics and Applications*, Shanghai, China, November 2010.

### **Poroseva, Svetlana**

Y. He, S.V. Poroseva, M.Y. Hussaini, R.R. Mankbadi, "Uncertainty Quantification in Flight Plan Horizontal Path Using Evidence Theory," *Proceedings of the FCAAP Annual Technical Symposium*, Tallahassee, Florida, August 2010.

S.V. Poroseva, "On Reducing Computational Complexity in Evaluating the Topological Survivability of Power Systems," *Proceedings of the International Simulation Multiconference: Grand Challenges in Modeling and Simulation Conference (GCMS'10)*, Ottawa, Canada, July 2010, pp. 27-31.

D. Lee, D. Infante, J. Langston, S.V. Poroseva, M. Steurer, T. Baldwin, "Grounding Studies in a Shipboard MVDC Integrated Power System with Uncertain Parameters," *Proceedings of the International Simulation Multiconference: Grand Challenges in Modeling and Simulation Conference (GCMS'10)*, Ottawa, Canada, July 2010, pp. 113-120.

### **Razani, Arsalan**

A. Razani, C. Dodson, and T. Roberts, "A Model for Exergy Analysis and Thermodynamic Bounds of Stirling Refrigerators," *Cryogenics*, Vol. 50, pp. 231-238, 2010.

A. Razani, T. Fraser, C. Dodson, T. Roberts, "Thermodynamic Analysis and Optimization Based on Exergy Flow for a Two-Stage Pulse Tube Refrigerator," *Advances in Cryogenic Engineering*, Vol. 55, pp. 113-120, 2010.

C. Dodson, A. Razani, and T. Roberts, "Inertance Tube Modeling and the Effect of Temperature," *Advances in Cryogenic Engineering*, Vol. 55, pp. 121-127, 2010.

A. Razani, T. Fraser, C. Dodson, T. Roberts, "Thermodynamic comparison of two configurations of two-stage pulse tube refrigerators," *Proceedings of the 16th International Cryocooler Conference*, pp. 292-334, 2010.

A. Razani, T. Fraser, C. Dodson, T. Roberts, "Comparison of Thermoelectric and Stirling Type Cryocoolers Using Control Thermodynamic Model," *Proceedings of the 16th International Cryocooler Conference*, pp. 327-334, 2010.

C. Dodson, A. Razani, and T. Roberts, "Inertance Tube and Reservoir Modeling: Meshing, Convergence and Friction Factors for Oscillating Flow," *Proceedings of the 16th International Cryocooler Conference*, pp. 249-258, 2010.

### **Shen, Yu-Lin**

Y.-L. Shen, *Constrained Deformation of Materials – Devices, Heterogeneous Structures and Thermo-Mechanical Modeling*, Springer, New York, 2010.

Y.-L. Shen and K. Aluru, "Numerical Study of Ductile Failure Morphology in Solder Joints under Fast Loading Conditions," *Microelectronics Reliability*, vol. 50, pp. 2059-2070 (2010).

G. Tang, Y.-L. Shen, D.R.P. Singh and N. Chawla, "Indentation Behavior of Metal-Ceramic Multilayers at the Nanoscale: Numerical Analysis and Experimental Verification," *Acta Materialia*, vol. 58, pp. 2033-2044 (2010).

D.R.P. Singh, N. Chawla and Y.-L. Shen, "Focused Ion Beam (FIB) Tomography of Nanoindentation Damage in Nanoscale Metal/Ceramic Multilayers," *Materials Characterization*, vol. 61, pp. 481-488 (2010).

T.A. Khraishi, Y.-L. Shen and Z.C. Leseman, "Unveiling the Nature of Crystal Plasticity Using Straws," *Journal of Vacuum Science and Technology B*, vol. 28, pp. L13-L16 (2010).

P.L. Sun, J.P. Chu, T.Y. Lin, Y.-L. Shen and N. Chawla, "Characterization of Nanoindentation Damage in Metal/Ceramic Multilayered Films by Transmission Electron Microscopy (TEM)," *Materials Science and Engineering A*, vol. 527, pp. 2985-2992 (2010).

D.R.P. Singh, N. Chawla, G. Tang and Y.-L. Shen, "Micropillar Compression of Al/SiC Nanolaminates," *Acta Materialia*, vol. 58, pp. 6628-6636 (2010).

D.R.P. Singh, X. Deng, N. Chawla, J. Bai, C. Hubbard, G. Tang and Y.-L. Shen, "Residual Stress Characterization of Novel Al/SiC Nanoscale Multilayers using X-ray Synchrotron Radiation," *Thin Solid Films*, vol. 519, pp. 759-765 (2010).

K. Aluru, F.-L. Wen and Y.-L. Shen, "Modeling of Solder Fatigue Failure due to Ductile Damage," *Journal of Mechanics*, vol. 26, pp. N23-N27 (2010).

Y.-L. Shen and G. Tang, "Indentation Analysis of Heterogeneous Materials," *Proceedings of the 12th International Congress on Mesomechanics*, 2010.

### **Truman, C. Randall**

Noren, C., Vorobieff, P., Truman, C.R., and Madden, T.J., 2010, "Mixing in a Supersonic COIL Laser: Influence of Trip Jets," *Experiments in Fluids*, vol. 50, pp. 443-455.

Selvam, P., McNair, D., Truman, C.R., and Smyth, H.D.C., 2010, "A Novel Dry Powder Inhaler: Effect of Device Design on Dispersion Performance," *International Journal of Pharmaceutics*, vol. 401, pp. 1-6.

### **Vorobieff, Peter**

M. Ortiz, H. Barsun, H. He, P. Vorobieff, and A. Mammoli, 2010, "Modeling of a solar-assisted HVAC system with thermal storage," *Energy and Buildings*, vol. 42, pp. 500-509.

A. Mammoli, P. Vorobieff, H. Barsun, R. Burnett and D. Fisher, 2010, "Energetic, economic and environmental performance of a solar thermal-assisted HVAC system," *Energy and Buildings*, vol. 42, pp. 1524-1535.

## MUSIC

### **Anthony, Michael**

Book: *The Ultimate Map for Jazz Guitar*, Mel Bay Publishing, 2010.

CD Recording: *The Sands of Time*, Lone Guitar Publishing, 2010.

CD Recording: *Amor(e)*, Lone Guitar Publishing, 2010.

### **Ellingboe, Brad**

Music Composition Performance: *Requiem* by Brad Ellingboe for chorus and orchestra, Carnegie Hall premiere, June 14, 2010.

Music Publication: *Welcome to Our Wondering Sight!* for SATB choir divisi, oboe, and harp. Commissioned by the Valley Chamber Chorale, Stillwater, MN; Published by Kjos Music, 2010.

Music Publication: *Behold a Host* arranged for SAB choir and piano. Written for Helen Kemp and her "elder choir" at York Manor, PA. Published by Augsburg Fortress Press, 2010.

Music Publication: *Yet It Stood Strong* for SATB choir, trumpet and piano. Commissioned by St. Mark's Evangelical Lutheran Church, Mooresville, NC., Published by Kjos Music, 2010.

Music Publication: *The Church on the Hill* for SATB choir, C instrument and piano. Commissioned by Highview Christiania Lutheran Church, Farmington, MN, 2010.

### **Hinterbichler, Karl**

Assistant Editor: *International Trombone Association Journal*, with quarterly article on new literature, premieres and programs, 2010.

Music Arrangement: Enrique Granados – *Spanish Dance #2*, arranged for trombone and piano, Wehr Music House, Orlando, FL, 2010.

Performance: Principal Trombone, Opera Southwest performance of *Carmen*, March 2010.

Performance: Bass Trombone, Santa Fe Concert Association Orchestra, December 2010.

Performance: Trombone, New Mexico Brass Quintet, Immaculate Conception Church Recital, December 2010.

Performance: Trombone, New Mexico Brass Quintet, Placitas Artists Recital, December 2010.

Performance: Trombone, New Mexico Brass Quintet, St. James (Taos) Recital, December 2010.

Forward to Goldmark, *Violin Concerto*, Musikproduktion Jürgen Hoflich, Munich, 2010.



Forward to Albrechtsberger, *Trombone Concerto*, Musikproduktion Jürgen Hoflich, Munich), 2010.

Review of David Uber, *Studies in Three Clefs*, *ITA Journal*, Vol. 38, No. 1, 2010.

Review of Krister Hansén, *Triple Falling*, *ITA Journal*, Vol. 38, No. 1, 2010.

Review of Paul Clay, *Gen*, *ITA Journal*, Vol. 38, No. 1, 2010.

Review of Ben van Dijk, *Ben's Basics*, *ITA Journal*, Vol. 38, No. 2, 2010.

Review of Edwin Anderson, *Bordogni Vocalises*, *ITA Journal*, Vol. 38, No. 2, 2010.

Review of Gyorgy Kurtag, *Six Pieces*, *ITA Journal*, Vol. 38, No. 2, 2010.

Review of David Uber, *Theatre Piece*, *ITA Journal*, Vol. 38, No. 2, 2010.

Publication: Review of John Frith, *Three Duets*, *ITA Journal*, Vol. 38, No. 2, 2010.

Publication: Review of Charles Gounod, *Sanctus from St. Cecilia Mass*, *ITA Journal*, Vol. 38, No. 2, 2010.

Publication: Review of Elias Faingersh, *Hamlet-Drama*, *ITA Journal*, Vol. 38, No. 3, 2010.

Publication: Review of Man-Ching Yu, *Solemn Elegy*, *ITA Journal*, Vol. 38, No. 3, 2010.

Review of Thomas Zuger, *In Time – A McGinty Farewell*, *ITA Journal*, Vol. 38, No. 3, 2010.

Review of Matt Doran, *Andante*, *ITA Journal*, Vol. 38, No. 4, 2010.

Review of Thomas Zuger, *Sonata*, *ITA Journal*, Vol. 38, No. 4, 2010.

### **Sheinberg, Colleen**

Performance: *The Queen of Scots and Her Musick Fyne: Music at the Time of Mary, Queen of Scots*. With Música Antigua de Albuquerque. March 7, 2010 at Christ Lutheran Church, Santa Fe, NM; March 13, 2010 at St. Michael & All Angels Episcopal Church, Albuquerque, NM.

Performance: *Round & Round We Go: The Art of Canon in the Middle Ages and Renaissance*. With Música Antigua de Albuquerque. May 9, 2010 at Christ Lutheran Church, Santa Fe, NM; May 15, 2010 at St. Michael & All Angels Episcopal Church, Albuquerque, NM.

Performance: Program for the opening reception for “Harry Potter's World: Renaissance Science, Magic, and Medicine,” an exhibition by the National Library of Medicine, National Institute of Health. Los Alamos County Library, Los Alamos, NM, July 17, 2010.

Performance: *Orlando di Lasso, Prince of Music*. With Música Antigua de Albuquerque. October 3, 2010 at Christ Lutheran Church, Santa Fe, NM; October 9, 2010 at St. Michael and All Angels Episcopal Church, Albuquerque, NM.

Performance: *The Lily and the Rose: Christmas in the Middle Ages and Renaissance*. With Música Antigua de Albuquerque. December 5, 2010 at Christ Lutheran Church, Santa Fe, NM; December 11 and 18, 2010 at St. Michael and All Angels Episcopal Church, Albuquerque, NM.

Recording: Música Antigua de Albuquerque. *Round and Round We Go: The Art of Canon in Early Times*. CD recording, produced by Música Antigua de Albuquerque, 2010.

## SCHOOL OF LAW

### **Benson, Reed D.**

A Bright Idea from the Black Canyon: Federal Judicial Review of Reserved Water Right Settlements, 13 *U. Denv. Water L. Rev.* 229 (2010).

### **Burr, Sherri**

*Art Law: Cases and Materials*, Rev. ed. (New York: Aspen Publishers, 2010).

“Athletes as Television Celebrities: Why We Watch; How They Benefit; Must They Be Responsible,” in *Reversing Field: Examining Commercialization, Labor, Gender, and Race in 21st Century Sports Law*, eds. Andre Douglas, Pond Cummings and Anne Marie Lofaso (Morgantown: West Virginia University Press, 2010).

### **Fritz, Christian G.**

The Rule of Law in the Early Republic, 38 *Rev. Am. Hist.* 41 (2010).

### **Gerding, Erik F.**

“The Outsourcing of Financial Regulation to Risk Models,” in *Lessons from the Financial Crisis: Causes, Consequences, and our Economic Future*, ed. Robert W. Kolb (Hoboken, N.J.: Wiley, 2010).

The Dangers of Delegating Financial Regulation to Risk Models, 29:4 *Banking & Fin. Services Pol'y Rep.* 1 (2010).

### **Gómez, Laura E.**

Understanding Law and Race as Mutually Constitutive: An Invitation to Explore an Emerging Field, 6 *Annual Rev. L. & Soc. Sci.* 487 (2010).

*Book Reviews*, 85 *N.M. Historical Rev.* 452 (2010) (reviewing Ignacio M. Garcia, *White But Not Equal: Mexican Americans, Jury Discrimination, And The Supreme Court*).

### **Lopez, Antoinette Sedillo**

Stories in Mexico and the United States About the Border: The Rhetoric and the Realities, 5 *Intercultural Hum. Rts. L. Rev.* 241 (2010).

### **Martin, Nathalie**

1,000% Interest–Good While Supplies Last: A Study of Payday Loan Practices and Solutions, 52 *Ariz. L. Rev.* 563 (2010).

Double Down-and-Out: The Connection Between Payday Loans and Bankruptcy, 39 *SW. L. Rev.* 785 (2010).

**Mathewson, Alfred**

“Exploring the Commercialized Arms Race Metaphor,” in *Reversing Field: Examining Commercialization, Labor, Gender, and Race in 21st Century Sports Law*, eds. Andre Douglas, Pond Cummings and Anne Marie Lofaso (Morgantown: West Virginia University Press, 2010).

**Montoya, Margaret**

Diversity in the Legal Profession: The Next Steps: Report and Recommendations: Race and Ethnicity, Gender, Sexual Orientation, Disabilities (Chicago: American Bar Association, Center for Racial & Ethnic Diversity, 2010).

**Pareja, Sergio**

*Federal Income Taxation of Business Enterprises: Cases, Statutes, Rulings*, 3rd ed. (Lake Mary, FL: Vandephas Publishing, 2010).

It Taxes a Village: The Problem with Routinely Taxing Barter Transactions, 59 *Cath. U. L. Rev.* 785 (2010).

**Parker, Carol A.**

“Academic Libraries: Looking Toward the Future,” in *Academic Librarianship*, eds. Camila A. Alire, G. Edward Evans (New York: Neal-Shuman Publishers, Inc., 2010).

**Valencia-Weber, Gloria.**

Stories in Mexico and the United States About the Border: The Rhetoric and the Realities, 5 *Intercultural Hum. Rts. L. Rev.* 241 (2010).

**Washburn, Kevin**

*American Indian Law: Native Nations and the Federal System: Cases and Materials*, 6th ed. (New Providence, NJ: LexisNexis Matthew Bender, 2010).

Agency Conflict and Culture: Federal Implementation of the Indian Gaming Regulatory Act by the National Indian Gaming Commission, the Bureau of Indian Affairs, and the Department of Justice, 42 *Ariz. St. L.J.* 303 (2010).

The Next Great Generation of American Indian Law Judges, 81 *U. Colo. L. Rev.* 959 (2010).

**Zuni Cruz, Christine**

“Self-Determination and Indigenous Nations in the United States: International Human Rights, Federal Policy and Indigenous Nationhood,” in *Dialogue About Land Justice: Papers from the National Native Title Conference*, ed. Lisa Strelein (Canberra: Aboriginal Studies Press, 2010).

## SCHOOL OF PUBLIC ADMINISTRATION

### **Desai, Uday**

"Competitive sourcing in the Federal Civil Service" (with Keith Snaveley), *American Review of Public Administration*, 40 (1), 2010, pp. 83-99.

### **Huang, Kun**

Milward, H.B, Provan, K.G., Fish, A., Isett, K.R., and Huang, K. (2010). "Governance and collaboration: an evolutionary study of two mental health networks," *Journal of Public Administration Research and Theory, The State of Special Agents: A Special Issue*, 20:i125-i141.

### **Liu, Gao**

"State Infrastructure Banks and Their Impact on Borrowing Costs." With Len O'Connell, Wie Yusuf, and Merl Hackbart, *Public Finance Review*, Vol 38(6), 2010.

### **Perlman, Bruce**

"Governance Challenges and Options for State and Local Government," *State and Local Government Review*, 42:3 2010, pp 1-12.

"Creative Regionalism: Governance for Stressful Times" (with James Jimenez), *State and Local Government Review*, 42:2, 2010.

"New Rules and Approaches for Succession Planning," *State and Local Government Review*, 42:1, 2010, pp. 48-50.

### **Rivera, Mario**

Associate issue editor, with Eleanor Glor and issue editor Denis Harrison, *The Innovation Journal: The Public Sector Innovation Journal*, Volume 15(3), 2010.

"Diversity, Continuity, and the Journal of Public Affairs Education," *Journal of Public Affairs Education* 16 (4) Fall 2010.

With Richard Gregory Johnson III and James D. Ward, "The Ethics of Pedagogical Innovation in Diversity and Cultural Competency Education," *The Innovation Journal: The Public Sector Innovation Journal* 15 (2), 2010.

With James D. Ward, "Institutional Racism, Diversity and Public Administration," in Mitchell Rice (ed.), *Diversity and Public Administration*, New York: M.E. Sharpe, 2010.

Associate issue editor, *The Innovation Journal: The Public Sector Innovation Journal*, Volume 15, No. 1, 2010.

**Varma, Roli**

Roli Varma (2010), "Why So Few Women Enroll in Computing? Gender and Ethnic Differences in Students' Perception," *Computers Science Education*, 20(4), 301–316.

Roli Varma (2010), "Computing Self-Efficacy among Women in India," *Journal of Women and Minorities in Science and Engineering*, 16(3), 257–274.

Roli Varma (2010), "India-born in the U.S. Science and Engineering Workforce," *American Behavioral Scientist*, 53(7), 1064-1078.

Roli Varma and Lisa M. Frehill, (2010), "Special Issue on Science and Technical Workforce," *American Behavioral Scientist*, 54(3), 943-948.

Roli Varma and Deepak Kapur (2010), "Access, Satisfaction, and Future: Undergraduate Studies at the Indian Institutes of Technology," *Higher Education*, 59(6), 703-717.

## ANESTHESIOLOGY

### **Arndt, Christopher D.**

Arndt CD, Buys MJ, Vagh F, Hoard A, Gerstein N. Anesth Analg. Ultrasound-Guided Sciatic Nerve Block in the Popliteal Fossa Using a Lateral Approach: Onset Time Comparing Separate Tibial and Common Peroneal Nerve Injections Versus Injecting Proximal to the Bifurcation. 110. 635-637. Jul 2010.

### **Gerstein, Neal S.**

Gerstein N, Buys MJ, Arndt CD, Vagh F, Hoard A. Anesth Analg. Ultrasound-Guided Sciatic Nerve Block in the Popliteal Fossa Using a Lateral Approach: Onset Time Comparing Separate Tibial and Common Peroneal Nerve Injections Versus Injecting Proximal to the Bifurcation. 110. 635-637. Jul 2010.

Gerstein N, Braude DC, Hung O, Sander JC, Murphy MF. Can J Anaesth. The Fastrach Intubating Laryngeal Mask Airway: an overview and update. 57. 588-601. Jul 2010.

### **Vagh, Firoz S.**

Vagh F, Buys MJ, Arndt CD, Hoard A, Gerstein N. Anesth Analg 2010. Ultrasound-Guided Sciatic Nerve Block in the Popliteal Fossa Using a Lateral Approach: Onset Time Comparing Separate Tibial and Common Peroneal Nerve Injections Versus Injecting Proximal to the Bifurcation. 110. 635-637. Jul 2010.

### **Wills, John H.**

Wills JH, Ehrenwerth J, Rogers D. Anesth Analg. Electrical Injury to a Nurse Due to Conductive Fluid in an Operating Room Designated as a Dry Location. 110. 1647-1649. Jun 2010.

## BIOCHEMISTRY AND MOLECULAR BIOLOGY

### **Adolphi, Natalie L.**

Adolphi NL, Huber DL, Bryant HC, Monson TC, Fegan DL, Lim J, Trujillo JE, Tessier TE, Lovato DM, Butler KS, Provencio PP, Hathaway HJ, Majetich SA, Larson RS, Flynn ER. Phys Med Biol. Characterization of single-core magnetite nanoparticles for magnetic imaging by SQUID relaxometry. 7(55). 5985-6003. Oct 2010.

Byrant HC, Adolphi NL, Huber DL, Fegan DL, Monson TC, Tessier TE, Flynn ER, . Journal of Magnetism and Magnetic Materials. Magnetic properties of nanoparticles useful for SQUID relaxometry in biomedical applications. 323(6). 767-774. Nov 2010.

### **Bisoffi, Marco**

Heaphy C, Griffith J, Bisoffi M. Breast Cancer Res Treat. Mammary field cancerization: molecular evidence and clinical importance. 118(2). 229-39. Jan 2010.

Heaphy CM, Fleet TM, Treat EG, Lee SJ, Smith AY, Davis MS, Griffith JK, Fischer EG, Bisoffi M. The Prostate. Organwide Telomeric status in Diseased and Disease-free Prostatic Tissues. 70. 471-1479. Jul 2010.

Heaphy CM, Bisoffi M, Griffith JK. Field Cancerization: Basic Science and Clinical Applications. Breast Field Cancerization. Aug 2010.

### **Bologa, Cristian G.**

Slack J, Brockhoff A, Batram C, Menzel S, Sonnaben C, Born S, Galindo M, Kohl S, Thalmann S, Ostopovici-Halip L, Simons C, Ungureanu I, Duineveld K, Bologa C, Behrens M, Ferrer S, Oprea T, Meyerhof W. Current Biology. Modulation of Bitter Taste Perception by a Small Molecular hTAS2R Antagonist. 20(12). 1104-1109. Jan 2010.

Bural R, Ramesh C, Shorty M, Curpan R, Bologa C, Sklar L, Oprea T, Prossnitz E, Arterburn J. Organic and Biomolecular Chemistry. Highly efficient synthesis and characterization of the GPR30-selective agonist G-1 and related tetrahydroquinoline analogs. 8(9). 2252-2259. Mar 2010.

Muntean S, Simu G, Starloaga P, Bologa C. Revista de Chimie (Bucharest, Romania). Study of a trisazo direct dye adsorption on wood fiber using a comparison of different adsorption isotherms. 61(1). 70-73. Apr 2010.

### **Garver, William S.**

Jelinek D, Heidenreich R, Erickson R, Garver W. Obesity. Decreased Npc1 Gene Dosage in Mice Is Associated With Weight Gain. 18. 1457-1459. Jan 2010.

Garver WS, Horwood JL, Erickson RP, Heidenreich RA, Jelinek D, Meaney FJ. Obesity. The Niemann-Pick C1 gene interacts with a high-fat diet to promote weight gain in mice. 18. 5-54. Oct 2010.



Jelinek D, Millward V, Birdi A, Trovard TP, Heidenreich RA, Garver WS. Human Molecular Genetics. Npc1 haploinsufficiency promotes weight gain and metabolic features associated with insulin resistance. Nov 2010.

Jelinek D, Heidenreich RA, Garver WS. Obesity. Decreased Niemann-Pick C1 gene dosage in a mixed genetic mouse strain promotes weight gain and metabolic features associated with insulin resistance. 18. S-210. Jul 2010.

**Glew, Robert H.**

Glew RH, Chuang LT, Berry T, Okolie H, Crossey MJ, VanderJagt DJ. J Health Popul Nutr. Lipid profiles and trans fatty acids in serum phospholipids of semi-nomadic Fulani in northern Nigeria. 28(2). 159-66. Apr 2010.

Atta S, Diallo AB, Sarr B, Bakasso Y, Saadou M, Glew RH. African Journal of Food Agriculture Nutrition and Development. Variation in Macro-Elements and Protein Contents of Roselle (HIBISCUS SABDARIFFA L.) From Niger. 10(6). 2707-2718. Jun 2010.

Atta S, Sarr B, Bakasso Y, Diallo AB, Lona I, Saadou M, Glew RH. Indian J. Agric, Res. Roselle (Hibiscus Sabdariffa L) Yield and Yield-Components in Response to Nitrogen Fertilization in Niger. 44(2). 96-103. Feb 2010.

Atta S, Diallo AB, Bakasso Y, Sarr B, Saadou M, Glew RH. African Journal of food Agriculture Nutrition and Development. Micro-Element Contents in Roselle (Hibiscus Sabdariffa L.) at Different Growth stages. 10(5). 2615-2628. May 2010.

Glew RH, Crossey MJ, Polanams J, Okolie HI, VanderJagt DJ. J Natl Med Assoc. Vitamin D status of seminomadic Fulani men and women. 102(6). 485-90. Jun 2010.

Glew RH, Crossey MJ, Polanams J, Okolie HL, VanderJagt DJ. J Natl Med Assoc. Vitamin D status of seminomadic fulani men and women. 102(6). 485-90. Jul 2010.

Glew RH, Chuang LT, Berry T, Okolie H, Crossey MJ, VanderJagt DJ. J Health Popul Nutr. Lipid profiles and trans fatty acids in serum phospholipids of semi-nomadic Fulani in northern Nigeria. 28(2). 159-66. Jul 2010.

**Griffith, Jeffrey K.**

Muller D, Meah Y, Griffith J, Palermo A, Kaufman A, Lieberman S. Academic Medicine. The role of social and community service in medical education: The next 100 years. 85. 302-309. Jan 2010.

Heaphy CM, Bisoffi M, Griffith JK. Field Cancerization: Basic Science and Clinical Applications. Breast Field Cancerization. Aug 2010.

Heaphy CM, Fleet TM, Treat EG, Lee SJ, Smith AY, Davis MS, Griffith JK, Fischer EG, Bisoffi M. The Prostate. Organwide Telomeric status in Diseased and Disease-free Prostatic Tissues. 70. 471-1479. Jul 2010.

**Oprea, Tudor I.**

Slack J, Brockhoff A, Batram C, Menzel S, Sonnaben C, Born S, Galindo M, Kohl S, Thalmann S, Ostopovici-Halip L, Simons C, Ungureanu I, Duineveld K, Bologna C, Behrens M, Ferrer S, Oprea T, Meyerhof W. *Current Biology*. Modulation of Bitter Taste Perception by a Small Molecular hTAS2R Antagonist. 20(12). 1104-1109. Jan 2010.

Bural R, Ramesh C, Shorty M, Curpan R, Bologna C, Sklar L, Oprea T, Prossnitz E, Arterburn J. *Organic and Biomolecular Chemistry*. Highly efficient synthesis and characterization of the GPR30-selective agonist G-1 and related tetrahydroquinoline analogs. 8(9). 2252-2259. Mar 2010.

Broccatelli F, Carosati E, Cruciani G, Oprea TI. *Mol. Inf. Transporter-Mediated Efflux Influences CNS Side Effects: ABCB1, from Antitarget to Target*. 29. 16-26. Feb 2010.

Ariazi EA, Brailoiu E, Yerrum S, Shupp HA, Slifker MJ, Cunliffe HE, Black MA, Donato AL, Arterburn JB, Oprea TI, Prossnitz ER, Dun NJ, Jordan VC. *Cancer Res*. The G Protein-Coupled Receptor GPR Inhibits Proliferation of Estrogen Receptor-Positive Breast Cancer Cells. 1184-1194. Jan 2010.

Saunders MJ, Graves SW, Sklar LA, Oprea TI, Edwards BS. *Assay Drug Dev. Technol.* High-Throughput Multiplex Flow Cytometry Screening for Botulinum Neurotoxin Type A Light Chain Protease Inhibitors. 8. 37-46. Mar 2010.

Kiselyov AS, Semenova NM, Chernyshova NB, Leitao A, Samet AV, Kislyi KA, Raihstat MM, Oprea TI, Lemcke H, Lantow M, Weiss DG, Kuznetsov SA, Ikizalp NN, Semenov VV. *Er. J. Med. Chem*. Novel derivatives of 1,3,4-oxadiazoles are potent mitostatic agents featuring strong microtubule depolymerizing activity in the sea urchin embryo and cell culture assays. 45. 1683-1697. Apr 2010.

Garcia-Serna R, Ursu O, Oprea TI, Mestres J. *Bioinformatics*. iPHACE: Integrative Navigation in Pharmacological Space. 26. 985-986. May 2010.

Wetzel S, Wolfram S, Chammaa S, Sperl B, Roth AG, Yektaoglu A, Renner S, Berg T, Arenz C, Giannis A, Oprea TI, Rauh D, Kaiser M, Waldmann H. *Angew. Chem. Intl. Ed.* A Scaffold-Tree-Merging Strategy for Prospective Bioactivity Annotation of  $\alpha$ -Pyrones. 49. 3666-3670. Jan 2010.

Oprea TI, Ostopovici-Halip L, Rad-Curpan R. *Pharmaceutical Data Mining*. Databases for chemical and biological information. 491-520. Aug 2010.

Ursu O, Oprea TI. *J. Chem. Info Model*. Model-free drug-likeness from fragments. 50. 1387-1394. Jul 2010.

Hall Pr, Leitao A, Ye C, Kilpatrick K, Hjelle B, Oprea TI, Larson RS. *Bioorg. Med. Chem. Lett.* Small molecule inhibitors of hantavirus infection. 20. 7085-7091. Jul 2010.

**Orlando, Robert A.**

Sun Y, Scavini M, Orlando R, Murata G, Servilla K, Tzamaloukas A, Schrader R, Bedrick E, Burge M, Abumrad N, Zager P. *Diabetes Care*. Increased CD36 Expression Signals Monocyte Activation Among Patients with Type 2 Diabetes Mellitus. Jun 2010.

Sun Y, Scavini M, Orlando RA, Murata GH, Servilla KS, Tzamaloukas AH, Schrader R, Bedrick EJ, Burge MR, Abumrad NA, Zager PG. Diabetes Care. Increased CD36 expression signals monocyte activation among patients with type 2 diabetes. 33(9). 2065-7. Sep 2010.

Orlando RA, Gonzales AM, Hunsaker LA, Franco CR, Royer RE, Vander Jagt DL, Vander Jagt DJ. J Med Food. Inhibition of nuclear factor kappaB activation and cyclooxygenase-2 expression by aqueous extracts of Hispanic medicinal herbs. 13(4). 888-95. Aug 2010.

**Osgood, Marcy**

Parra K, Osgood M, Pappas Jr D. Biochemistry and Molecular Biology Education. A Research-Based Biochemistry Laboratory Course Designed to Strengthen the Research-Teaching Nexus. 38(3). 172-179. Jan 2010.

**Parra, Karlett J.**

Johnson R, Allen C, Melman S, Wallar A, Sklar L, Parra K. Analytical Biochemistry. Inhibitors of Yeast V-ATPase Proton Pumps Identified by HTS Flow Cytometry. 15:398(2). 203-211. Feb 2010.

Parra K, Osgood M, Pappas Jr D. Biochemistry and Molecular Biology Education. A Research-Based Biochemistry Laboratory Course Designed to Strengthen the Research-Teaching Nexus. 38(3). 172-179. Jan 2010.

**Shah, Vallabh O.**

Shah VO, Ferguson JE, Hunsaker LA, Deck LM, Vander Jagt DL. Nat Prod Res. Natural products inhibit LPS-induced activation of pro-inflammatory cytokines in peripheral blood monocuclear cells. 24(12). 1177-88. Jul 2010.

Maccluer JW, Scavini M, Shah VO, Zager PG. Am J Kidney Dis. Heritability of Measures of Kidney Disease Among Zuni Indians: The Zuni Kidney Project. 56(2). 251-4. Aug 2010.

**Vanderjagt, Dorothy J.**

Glew RH, Chuang LT, Berry t, Okolie H, Crossey MJ, VanderJagt DJ. J Health Popul Nutr. Lipid profiles and trans fatty acids in serum phospholipids of semi-nomadic Fulani in northern Nigeria. 28(2). 159-66. Apr 2010.

Glew RH, Crossey MJ, Polanams J, Okolie HI, VanderJagt DJ. J Natl Med Assoc. Vitamin D status of seminomadic Fulani men and women. 102(6). 485-90. Jun 2010.

Glew RH, Chuang LT, Berry T, Okolie H, Crossey MJ, VanderJaft DJ. J Health Popul Nutr. Lipid profiles and trans fatty acids in serum phospholipids of semi-nomadic Fulani in northern Nigeria. 28(2). 159-66. Jul 2010.

Glew RH, Crossey MJ, Polanams J, Okolie HL, VanderJagt DJ. J Natl Med Assoc. Vitamin D status of seminomadic fulani men and women. 102(6). 485-90. Jul 2010.

## CELL BIOLOGY AND PHYSIOLOGY

### **Bear, David G.**

Bear D G. Lewin's Cells. Gene expression and regulation. 2nd Edition. Jones and Bartlett. 104-168. Jan 2010.

### **Bizzozero, Oscar A.**

Zheng J, Bizzozero O A. Free Radic Res. Traditional reactive carbonyl scavengers do not prevent the carbonylation of brain proteins induced by acute glutathione depletion. 44. 258-66. Mar 2010.

Zheng J, Bizzozero OA. J Neurosci Res. Accumulation of protein carbonyls within cerebellar astrocytes in murine experimental autoimmune encephalomyelitis. 88(15). 3376-85. Nov 2010.

Zheng J, Bizzozero OA. J Neurochem. Reduced proteasomal activity contributes to the accumulation of carbonylated proteins in chronic experimental autoimmune encephalomyelitis. 115(6). 1556-67.

### **Gonzalez Bosc, Laura V.**

Nilsson-Berglund L M, Zetterqvist A V, Nilsson-Ohman J, Sigvardsson M, Gonzalez Bosc L V, Smith M L, Salehi A, Agardh E, Fredrikson G N, Agardh C D, Nilsson J, Wamhoff B R, Hultgardh-Nilsson A, Gomez M F. Arterioscler Thromb Vasc Biol. Nuclear factor of activated T cells regulates osteopontin expression in arterial smooth muscle in response to diabetes-induced hyperglycemia. 30. 218-24. Feb 2010.

Said S I, Hamidi S A, Gonzalez Bosc L. Eur Respir J. Asthma and pulmonary arterial hypertension: do they share a key mechanism of pathogenesis? 35. 730-4. Apr 2010.

Bosc L V, Resta T, Walker B, Kanagy N L. J Cell Mol Med. Mechanisms of intermittent hypoxia induced hypertension. 14. 3-17. Jan 2010.

Hughes JM, Riddle MA, Paffett ML, Gonzalez Bosc LV, Walker BR. Am J Physiol Heart Circ Physiol. Novel role of endothelial BKCa channels in altered vasoreactivity following hypoxia. 299(5). H1439-50. Nov 2010.

de Frutos S, Caldwell E, Nitta CH, Kanagy NL, Wang J, Wang W, Walker MK, Gonzalez Bosc LV. Am J Physiol Heart Circ Physiol. NFATc3 contributes to intermittent hypoxia-induced arterial remodeling in mice. 299(2). H356-63. Aug 2010.

### **Hartley, Rebecca S.**

Sheets M D, Fritz B, Hartley R S, Zhang Y. Methods. Polyribosome analysis for investigating mRNA translation in *Xenopus* oocytes, eggs and embryos. 51. 152-6. May 2010.

Guo X, Wu Y, Hartley R S. *Mol Carcinog*. Cold-inducible RNA-binding protein contributes to human antigen R and cyclin E1 deregulation in breast cancer. 49. 130-40. Feb 2010. Almeida A D, Wise H M, Hindley C J, Slevin M K, Hartley R S, Philpott A. *Neural Dev*. The F-box protein Cdc4/Fbxw7 is a novel regulator of neural crest development in *Xenopus laevis*. 5. 1. Jan 2010.

Guo X, Hartley RS. *Cell Cycle*. MicroRNA-RNA binding protein face-off in cancer. 9. 1226. Apr 2010.

Wu Y, Guo X, Brandt Y, Hathaway H J, Hartley R S. *Breast Cancer Res Treat*. Three-dimensional collagen represses cyclin E1 via b1 integrin. Jul 2010.

### **Hathaway, Helen J.**

Nayak T K, Dennis M K, Ramesh C, Burai R, Atcher R W, Sklar L A, Norenberg J P, Hathaway H J, Arterburn J B, Prossnitz E R. *ACS Chem Biol*. Influence of charge on cell permeability and tumor imaging of GPR30-targeted <sup>111</sup>In-labeled nonsteroidal imaging agents. 5. 681-90. Jun 2010.

Ramesh C, Nayak T K, Burai R, Dennis M K, Hathaway H J, Sklar L A, Prossnitz E R, Arterburn J B. *J Med Chem*. Synthesis and characterization of iodinated tetrahydroquinolines targeting the G protein-coupled estrogen receptor GPR30. 53. 1004-14. Jan 2010.

Adolphi NL, Huber DL, Bryant HC, Monson TC, Fegan DL, Lim J, Trujillo JE, Tessier TE, Lovato DM, Butler KS, Provencio PP, Hathaway HJ, Majetich SA, Larson RS, Flynn ER. *Phys Med Biol*. Characterization of single-core magnetite nanoparticles for magnetic imaging by SQUID relaxometry. 55(19). 5985-6003. Oct 2010.

Wu Y, Guo X, Brandt Y, Hathaway H J, Hartley R S. *Breast Cancer Res Treat*. Three-dimensional collagen represses cyclin E1 via b1 integrin. Jul 2010.

### **Jernigan, Nikki L.**

Broughton B R, Jernigan N L, Norton C E, Walker B R, Resta T C. *Am J Physiol Lung Cell Mol Physiol*. Chronic hypoxia augments depolarization-induced Ca<sup>2+</sup> sensitization in pulmonary vascular smooth muscle through superoxide-dependent stimulation of RhoA. 298. L232-42. Feb 2010.

Resta T C, Broughton B R, Jernigan N L. *Adv Exp Med Biol*. Reactive Oxygen Species and RhoA Signaling in Vascular Smooth Muscle: Role in Chronic Hypoxia-Induced Pulmonary Hypertension, in Membrane Receptors, Channels and Transporters in Pulmonary Circulation. Humana Press. Jan 2010.

### **Jett, Stephen D.**

Buranda T, Wu Y, Perez D, Jett SD, BonduHawkins V, Ye C, Edwards B, Hall P, Larson RS, Lopez GP, Sklar LA, Hjelle B. *Anal Biochem*. Recognition of decay accelerating factor and alpha(v)beta(3) by inactivated hantaviruses: Toward the development of high-throughput screening flow cytometry assays. 402(2). 151-60. Jul 2010. <http://www.ncbi.nlm.nih.gov/pubmed/20363206>

### **Kanagy, Nancy L.**

Bosc L V, Resta T, Walker B, Kanagy N L. *J Cell Mol Med*. Mechanisms of intermittent hypoxia induced hypertension. 14. 3-17. Jan 2010.

Paffett ML, Riddle MA, Kanagy NL, Resta TC, Walker BR. J Pharmacol Exp Ther. Altered protein kinase C regulation of pulmonary endothelial store- and receptor-operated Ca<sup>2+</sup> entry after chronic hypoxia. 334(3). 753-60. Sep 2010.

de Frutos S, Caldwell E, Nitta CH, Kanagy NL, Wang J, Wang W, Walker MK, Gonzalez Bosc LV. Am J Physiol Heart Circ Physiol. NFATc3 contributes to intermittent hypoxia-induced arterial remodeling in mice. 299(2). H356-63. Aug 2010.

Zhang N, Agbor LN, Scott JA, Zalobowski T, Elased KM, Trujillo A, Duke MS, Wolf V, Walsh MT, Born JL, Felton LA, Wang J, Wang W, Kanagy NL, Walker MK. Biochem Pharmacol. An activated renin-angiotensin system maintains normal blood pressure in aryl hydrocarbon receptor heterozygous mice but not in null mice. 15;80(2). 197-204. Jul 2010.

Sweazea KL, Kanagy NL, Walker BR. Respiration. Increased adiposity does not exacerbate impaired vasodilation in rats exposed to eucapnic intermittent hypoxia. 81(1). 47-56. Aug 2010.

da Silva AQ, Fontes MA, Kanagy NL. Brain Res. Chronic infusion of angiotensin receptor antagonists in the hypothalamic paraventricular nucleus prevents hypertension in a rat model of sleep apnea. 12;1368. 231-8. Oct 2010.

Cherng TW, Paffett ML, Jackson-Weaver O, Campen MJ, Walker BR, Kanagy NL. Environ Health Perspect. Mechanisms of diesel-induced endothelial nitric oxide synthase dysfunction in coronary arterioles. 119(1). 98-103. Sep 2010.

#### **McGuire, Paul G.**

Saqib NU, McGuire PG, Howdieshell TR. Am J Surg. The omentum is a site of stromal cell-derived factor 1alpha production and reservoir for CXCR4 chemokine receptor 4-positive cell recruitment. 200(2). 276-82. Aug 2010. <http://www.ncbi.nlm.nih.gov/pubmed/20591406>

McGuire PG, Howdieshell TR. J Surg Res. The importance of engraftment in flap revascularization: confirmation by laser speckle perfusion imaging. 164(1). e201-12. Nov 2010. <http://www.ncbi.nlm.nih.gov/pubmed/20863524>

#### **Prossnitz, Eric R.**

Barton M, Meyer M R, Bolton J L, Prossnitz E R. Lancet. Lung cancer and hormone replacement therapy. 375. 117-8; author reply 118-9. Jan 2010.

Burai R, Ramesh C, Shorty M, Curpan R, Bologna C, Sklar L A, Oprea T, Prossnitz E R, Arterburn J B. Org Biomol Chem. Highly efficient synthesis and characterization of the GPR30-selective agonist G-1 and related tetrahydroquinoline analogs. 8. 2252-9. May 2010.

Huang G S, Brouwer-Visser J, Ramirez M J, Kim C H, Hebert T M, Lin J, Arias-Pulido H, Qualls C R, Prossnitz E R, Goldberg G L, Smith H O, Horwitz S B. Clin Cancer Res. Insulin-like growth factor 2 expression modulates Taxol resistance and is a candidate biomarker for reduced disease-free survival in ovarian cancer. 16. 2999-3010. Jun 2010.

Meyer M R, Baretella O, Prossnitz E R, Barton M. Pharmacology. Dilation of Epicardial Coronary Arteries by the G Protein-Coupled Estrogen Receptor Agonists G-1 and ICI 182,780. 86. 58-64. Jun 2010.

Nayak T K, Dennis M K, Ramesh C, Burai R, Atcher R W, Sklar L A, Norenberg J P, Hathaway H J, Arterburn J B, Prossnitz E R. ACS Chem Biol. Influence of charge on cell permeability and tumor imaging of GPR30-targeted <sup>111</sup>In-labeled nonsteroidal imaging agents. 5. 681-90. Jun 2010.

Ramesh C, Nayak T K, Burai R, Dennis M K, Hathaway H J, Sklar L A, Prossnitz E R, Arterburn J B. J Med Chem. Synthesis and characterization of iodinated tetrahydroquinolines targeting the G protein-coupled estrogen receptor GPR30. 53. 1004-14. Jan 2010.

Takanami K, Sakamoto H, Matsuda K, Hosokawa K, Nishi M, Prossnitz E R, Kawata M. Brain Res. Expression of G protein-coupled receptor 30 in the spinal somatosensory system. 1310. 17-28. Jan 2010.

Huang GS, Gunter MJ, Arend RC, Li M, Arias-Pulido H, Prossnitz ER, Goldberg GL, Smith HO. Am J Obstet Gynecol. Co-expression of GPR30 and ERbeta and their association with disease progression in uterine carcinosarcoma. 203(3). 242.e1-5. Sep 2010.

Arias-Pulido H, Royce M, Gong Y, Joste N, Lomo L, Lee SJ, Chaher N, Verschraegen C, Lara J, Prossnitz ER, Cristofanilli M. Breast Cancer Res Treat. GPR30 and estrogen receptor expression: new insights into hormone dependence of inflammatory breast cancer. 123(1). 51-8. Jul 2010.

Kuo J, Hamid N, Bondar G, Prossnitz ER, Micevych P. J Neurosci. Membrane estrogen receptors stimulate intracellular calcium release and progesterone synthesis in hypothalamic astrocytes. 30(39). 12950-7. Jul 2010.

### **Resta, Tom**

Broughton B R, Jernigan N L, Norton C E, Walker B R, Resta T C. Am J Physiol Lung Cell Mol Physiol. Chronic hypoxia augments depolarization-induced Ca<sup>2+</sup> sensitization in pulmonary vascular smooth muscle through superoxide-dependent stimulation of RhoA. 298. L232-42. Feb 2010.

Resta T C, Broughton B R, Jernigan N L. Adv Exp Med Biol. Reactive Oxygen Species and RhoA Signaling in Vascular Smooth Muscle: Role in Chronic Hypoxia-Induced Pulmonary Hypertension, in Membrane Receptors, Channels and Transporters in Pulmonary Circulation. Humana Press. Jan 2010.

Bosc L V, Resta T, Walker B, Kanagy N L. J Cell Mol Med. Mechanisms of intermittent hypoxia induced hypertension. 14. 3-17. Jan 2010.

Paffett M L, Riddle M A, Kanagy N L, Resta T C, Walker B R. J Pharmacol Exp Ther. Altered PKC Regulation of Pulmonary Endothelial Store- and Receptor-Operated Ca<sup>2+</sup> Entry Following Chronic Hypoxia. Jun 2010.

**Walker, Benjimen R.**

Broughton B R, Jernigan N L, Norton C E, Walker B R, Resta T C. Am J Physiol Lung Cell Mol Physiol. Chronic hypoxia augments depolarization-induced Ca<sup>2+</sup> sensitization in pulmonary vascular smooth muscle through superoxide-dependent stimulation of RhoA. 298. L232-42. Feb 2010.

Bosc L V, Resta T, Walker B, Kanagy N L. J Cell Mol Med. Mechanisms of intermittent hypoxia induced hypertension. 14. 3-17. Jan 2010.

Sweazea K L, Lekic M, Walker B R. Nutrition and Metabolism. Comparison of mechanisms involved in impaired vascular reactivity between high sucrose and high fat diets in rats. 7. 48. Jun 2010.

Paffett ML, Riddle MA, Kanagy NL, Resta TC, Walker BR. J Pharmacol Exp Ther. Altered protein kinase C regulation of pulmonary endothelial store- and receptor-operated Ca<sup>2+</sup> entry after chronic hypoxia. 334(3). 753-60. Sep 2010.

Hughes JM, Riddle MA, Paffett ML, Gonzalez Bosc LV, Walker BR. Am J Physiol Heart Circ Physiol. Novel role of endothelial BKCa channels in altered vasoreactivity following hypoxia. 299(5). H1439-50. Nov 2010.



## DERMATOLOGY

### **Padilla, R. Steven**

Padilla R S, Sebastian S M, Jiang Z, Nindl I, Larson R. Archives of Dermatology. Gene Expression Patterns of Normal human Skin, Actinic Keratosis and Squamous Cell Carcinoma A Spectrum of Disease Progression. 146 (NO.3) 288-293. Mar 2010.

Walsh E, Worcester H, Padilla R S. A Rare Variant of a Common Tumor. Oct 2010.

Laurie Hudson, James M. Gal, R. Steven Padilla, Gavin Pickett, Ryan Alexander, Jing Wang, Donna F. Kusewitt. Molecular Carcinogenesis. Microarray Analysis of Cutaneous Squamous Cell Carcinoma Reveals Enhanced Expression of Epidermal Differentiation Complex Genes. 49. 619-629. May 2010.

Yang J, Guo H, Padilla R S, Berwick M, Miao Y. Biorganic and Medicinal Chemistry. Replacement of Lys Linker with and Arg linker resulting in improved Arg-Gly-Asp -conjugated Alpha-elancocyte stimulating hormone hybrid peptide. 18. 6695-6700. Jul 2010.

### **Smidt, Aimee C.**

Walsh E, Shetty A, Smidt A. Infected Sialoblastoma: A Unique Presentation of a Rare Congenital Tumor. Jul 2010.

Lau E, DeSantis E, Smidt A. Verrucous Facial Plaque: A Unifying Diagnosis at Age 21. Oct 2010.

Abrams ML, Smidt A, Benjamin L, Chen M, Woodley D, Mancini AJ. Archives of Dermatology. Congenital epidermolysis bullosa acquisita: vertical transfer of maternal autoantibody from mother to infant. Nov 2010.

### **Strange, Phillip**

Bang R, Stephenaskie S, Strange P. NM Dermatological Society Meeting 10/8/2010. A case of profuse and burgeoning scalp tumors and facial papules. Oct 2010.

### **Zlotoff, Barrett J.**

Strand Megan MD, Zlotoff Barrett MD. Treatment of Pyoderma Grangrenosum with Split-Thickness Skin Grafting. Oct 2010.

Eshagian A, Kim J, Sibbitt Jr WL, Zlotoff B J, Berlin J M, Goldberg S J, MDonough E D, Leeman D R, Sprigle A M, Mackey C L, . Journal of the American Academy of Dermatology. JAAD Grand Rounds Quiz. 5. 918-923. Nov 2010.

Eshagian A, Kim J, Sibbitt Jr W L, Zlotoff B J. Journal of the American Academy of Dermatology. Chronic Urticarial Eruption. 5. 918-920. Nov 2010.

## EMERGENCY MEDICINE

### **Alcock, John**

Alcock J. Emedicine. Spider Envenomation, Funnel Web. May 2010. [emedicine.medscape.com](http://emedicine.medscape.com)

Alcock J, Brainard A. Medical Hypotheses. Gene-environment mismatch in decompression sickness and air embolism. 75(2). 199-203. Aug 2010.

### **Baty, Gillian M.**

Hauswald M, Williamson M, Baty G, Kerr N, Edgar-Mied V. Int J Emerg Med. Use of an Improvised Pneumatic Anti-Shock Garment and a Non-Pneumatic Anti-Shock Garment to Control Pelvic Blood Flow. 3. 173-175. Sep 2010.

### **Bohan, Juliane Nichole**

Bohan J, Fullerton L, Oakland B, Oldewage J. American Journal of Emergency Medicine. Hypertension in the ED: a multifaceted intervention to change provider practice. Aug 2010. PMID: 20685061

### **Braude, Darren A.**

Gerstein N, Braude D, Hung O, Sanders J, Murphy M. Can J Anesth. The Fastrach™ Intubation Laryngeal Mask Airway: an overview and update. 57(6). 588-601. Jun 2010.

Southard A, Braude D, Crandall C. Resuscitation. Rapid sequence airway vs rapid sequence intubation in a simulated trauma airway by flight crew. 81(5). 576-578. May 2010.

Shaver K, Weiss S, Braude D. Am J of Emerg Med. Agreement on sedation-related events between a procedural sedation registry and computerized medical records. 28(3). 263-267. Mar 2010.

Braude D. Emergency Medicine News. Best 2009 Airway Studies: Difficult Intubations, Roc or Sux, and Impossible BVMV. 32(3). Mar 2010.

Lester L, Braude D, Niles C, Crandall C. Am J Emerg Med. Low-dose ketamine for analgesia in the ED: a retrospective case series. 28(7). 820-827. Sep 2010.

McLean AR, Braude D, Crandall C, Peterson T. Wilderness and Environmental Med. Intranasal Fentanyl for Analgesia in Injured Patients at a Ski Resort. 21(1). 68-69. Mar 2010.

Bledsoe B, Braude D, Eckstein M, Gandy W, Tan D, Wang H. JEMS. Rethinking ETI: Should paramedics continue to intubate? 35(7). 43-58. Jul 2010.

### **Crandall, Cameron S.**

Tawil I, Gonda J, King R, Mariniaro J, Crandall C. The Journal of Trauma. Impact of Positive Pressure Ventilation on Thoracostomy Tube Removal. 68(4). 818-821. Apr 2010.

Southard A, Braude D, Crandall C. Resuscitation. Rapid sequence airway vs rapid sequence intubation in a simulated trauma airway by flight crew. 81(5). 576-578. May 2010.

Sklar D, Crandall C. Ann of Emerg Med. Emergency physician perceptions of patient safety risks. 55(4). 336-340. Apr 2010.

Lester L, Braude D, Niles C, Crandall C. Am J Emerg Med. Low-dose ketamine for analgesia in the ED: a retrospective case series. 28(7). 820-827. Sep 2010.

McLean AR, Braude D, Crandall C, Peterson T. Wilderness and Environmental Med. Intranasal Fentanyl for Analgesia in Injured Patients at a Ski Resort. 21(1). 68-69. Mar 2010.

McLean AR, Richards M, Crandall C, Marinaro J. Am J Emerg Med. Ultrasound determination of chest wall thickness: implications for needle thoracostomy. Jun 2010.

### **Doezema, David**

Mayer A, Mannell M, Ling J, Gasparovic C, Phillips J, Doezema D, Reichard R, Yeo R. Neurology. A prospective diffusion tensor imaging study in mild traumatic brain injury. 74(8). 643-650. Feb 2010.

### **Ernst, Amy Armstrong**

Ernst A, Weiss S, Tracy L, Weiss N. Southern Medical Journal. Usefulness of CRP and ESR in Predicting Septic Joints. 103(6). 522-526. Jun 2010.

Ernst A, Weiss S, Sullivan A, Sarangarm D, Rankin S, Fees M, Sarangarm P. Acad Emerg Med. On-site Pharmacists in the Emergency Department Improve Errors. 17(5s1). S73. May 2010.

Ernst A, Weiss S, Sullivan A, Sarangarm D, Rankin S, Fees M, Sarangarm P. Acad Emerg Med. Medical Errors Occur Most Often in ED Patients Admitted to ICUs. 17(5s1). S200. May 2010.

Macias D, Weiss S, Ernst A, Maggiore A, Nick T, Sklar D. Southern Medical Journal. Comparison of Emergency Physicians' and Juris Doctors' Opinions on Emergency Department Patient Restraints Usage. 103(7). 623-629. Jul 2010.

Ernst A, Weiss S, Wachter D, Stifelman M. Amer J Emerg Med. Large left upper quadrant mass. Aug 2010.

### **Fleming, James P.**

Fleming J. Tango Sed. UNM Medical Literature Series. UNM Press. Sep 2010.

### **Hauswald, Mark**

Hauswald M, Richards M, Kerr N, Schmidt T. Acad Emerg Med. The Haitian Earthquake and Academic Emergency Medicine. 17(7). 762-764. Jul 2010.

Hauswald M, Williamson M, Baty G, Kerr N, Edgar-Mied V. Int J Emerg Med. Use of an Improvised Pneumatic Anti-Shock Garment and a Non-Pneumatic Anti-Shock Garment to Control Pelvic Blood Flow. 3. 173-175. Sep 2010.

Burdick W, Hauswald M, Iserson K. Acad Emerg Med. International Emergency Medicine. 17. 758-761. Jul 2010.

Hauswald M. Acad Emerg Med. Haiti - Stories From the Tremblement de Terre: The World Changed in 35 Seconds. 17. 784. Jul 2010.

Biros M, Hauswald M, Baren J, Cone D. Acad Emerg Med. Procedural Versus Practical Ethics. 17. 989-990. Sep 2010.

**Macias, Darryl J.**

Macias D, Weiss S, Ernst A, Maggiore A, Nick T, Sklar D. Southern Medical Journal. Comparison of Emergency Physicians' and Juris Doctors' Opinions on Emergency Department Patient Restraints Usage. 103(7). 623-629. Jul 2010.

**McLean, Alan R.**

McLean AR, Braude D, Crandall C, Peterson T. Wilderness and Environmental Med. Intranasal Fentanyl for Analgesia in Injured Patients at a Ski Resort. 21(1). 68-69. Mar 2010.

McLean AR, Richards M, Crandall C, Marinaro J. Am J Emerg Med. Ultrasound determination of chest wall thickness: implications for needle thoracostomy. Jun 2010.

**Moore, Brian R.**

Elgie R, Sapien R, Fullerton L, Moore B. The Journal of School Nursing. School Nurse Online Emergency Preparedness Training: An Analysis of Knowledge, Skills, and Confidence. 26(5). 368-376. Oct 2010.

**Myers, Randall**

Lazio M, Costello H, Courtney M, Martinovich Z, Myers R, Zosel A, Tanabe P. The Clinical Journal of Pain. Comparison of Analgesic Management for Emergency Department Patients With Sickle Cell Disease and Renal Colic. 26(3). 199-205. Mar 2010.

**Richards, Michael E.**

Hauswald M, Richards M, Kerr N, Schmidt T. Acad Emerg Med. The Haitian Earthquake and Academic Emergency Medicine. 17(7). 762-764. Jul 2010.

McLean AR, Richards M, Crandall C, Marinaro J. Am J Emerg Med. Ultrasound determination of chest wall thickness: implications for needle thoracostomy. Jun 2010.

**Sapien, Robert E.**

Slavin S, Rogers R, Komesu Y, Omotosho T, Hammil S, Lewis C, Sapien R. International Urogynecology Journal. Complementary and alternative medicine (CAM) use in women with pelvic floor disorders: a cohort study. 21(4). 431-437. Apr 2010.

Sapien R. Academic Medicine. Commentary: Profiling by Appearance and Assumption: Beyond Race and Ethnicity. 85(4). 580-582. Apr 2010.

Elgie R, Sapien R, Fullerton L, Moore B. The Journal of School Nursing. School Nurse Online Emergency Preparedness Training: An Analysis of Knowledge, Skills, and Confidence. 26(5). 368-376. Oct 2010.

**Seifert, Steven A.**

Seifert S. Clinical Toxicology. A Research Program at a Small to Mid-Sized U.S. Poison Center. 48(3). 272. Mar 2010.

Letsky M, Zumwalt R, Seifer S, Benson B. Am J Forensic Med Pathol. Cause of Death Conundrum With Methadone Use. 31(2). 1-4. Jun 2010.

Seifert S. Conn's Current Therapy 2010. Venomous Snakebite. ISBN: 978-1-4160-6642-2. Saunders Elsevier. Jan 2010.

Benson J, Farooqi M, Klein-Schwartz W, Litovitz T, Webb A, Borys D, Lung D, Rose S, Aleguas A, Sollee D, Seifert S. Clinical Toxicology. Diphenhydramine dose-response: A novel approach to determine triage thresholds. 48(8). 820-831. Oct 2010.

LaMonica G, Seifert S, Rayburn W. The Journal of Reproductive Medicine. Rattlesnake Bites in Pregnant Women. 55. 520-522. Nov 2010.

**Sklar, David P.**

Sklar D, Crandall C. Ann of Emerg Med. Emergency physician perceptions of patient safety risks. 55(4). 336-340. Apr 2010.

Sklar D, Handle D, Hoekstra J. Academic Medicine. The Future of Emergency Medicine: An Evolutionary Perspective. 85(3). 490-495. Jan 2010.

Macias D, Weiss S, Ernst A, Maggiore A, Nick T, Sklar D. Southern Medical Journal. Comparison of Emergency Physicians' and Juris Doctors' Opinions on Emergency Department Patient Restraints Usage. 103(7). 623-629. Jul 2010.

**Wachter, David A.**

Ernst A, Weiss S, Wachter D, Stifelman M. Amer J Emerg Med. Large left upper quadrant mass. Aug 2010. PMID: 20708885

**Weiss, Steven J.**

Ernst A, Weiss S, Tracy L, Weiss N. Southern Medical Journal. Usefulness of CRP and ESR in Predicting Septic Joints. 103(6). 522-526. Jun 2010.

Ernst A, Weiss S, Sullivan A, Sarangarm D, Rankin S, Fees M, Sarangarm P. Acad Emerg Med. On-site Pharmacists in the Emergency Department Improve Errors. 17(5s1). S73. May 2010.

Ernst A, Weiss S, Sullivan A, Sarangarm D, Rankin S, Fees M, Sarangarm P. Acad Emerg Med. Medical Errors Occur Most Often in ED Patients Admitted to ICUs. 17(5s1). S200. May 2010.

Shaver K, Weiss S, Braude D. Am J of Emerg Med. Agreement on sedation-related events between a procedural sedation registry and computerized medical records. 28(3). 263-267. Mar 2010.

Macias D, Weiss S, Ernst A, Maggiore A, Nick T, Sklar D. Southern Medical Journal. Comparison of Emergency Physicians' and Juris Doctors' Opinions on Emergency Department Patient Restraints Usage. 103(7). 623-629. Jul 2010.

Ernst A, Weiss S, Wachter D, Stifelman M. Amer J Emerg Med. Large left upper quadrant mass. Aug 2010.

## FAMILY MEDICINE

### **Kalishman, Summers G.**

Wayne S, Timm C, Serna L, Solan B, Kalisman S. Journal of Healthcare for the Poor and Underserved. Medical Students' Attitudes toward Underserved Populations: Changing Associations with Choice of Primary Care versus Non-Primary care Residency. 21(2). 438-447. May 2010.

Kitzes JA, Serna L, Kalishman S. The Internet Journal of Pain, Symptom Control and Palliative Care. Are We Making Progress? One Medical School's Assessment of an Evolving Integrated Palliative Medicine Curriculum. 8, Number 1. Jan 2010.

Burdick W, Diserens D, Friedman S, Morahan P, Kalishman S, Eklund M, Mennin S, Norcini J. Medical Teacher. Measuring the Effects of an International Health Professions Faculty Development Fellowship: the FAIMER Institute. 32. 414-421. Jan 2010.

Kalishman S, Kitzes J, Timm C. The Clinical Teacher. Books for Educators: From the Shelf to the Classroom. 7. 141-142. Jan 2010.

### **Solan, Brian G.**

Wayne S, Timm C, Serna L, Solan B, Kalisman S. Journal of Healthcare for the Poor and Underserved. Medical Students' Attitudes toward Underserved Populations: Changing Associations with Choice of Primary Care versus Non-Primary care Residency. 21(2). 438-447. May 2010.

### **Wallerstein, Nina B.**

Wallerstein N, Duran B. American Journal of Public Health. Community-Based Participatory Research Contributions to Intervention Research: The intersection of science and practice to improve health equity. Supplement S1. S40-S46. Apr 2010.

## INTERNAL MEDICINE

### **Bauman, Julie E.**

Carr KK, Mankoff D, Goulart BH, Eaton KD, Capell PT, Kell EM, Bauman J, Martins RG. Clinical Cancer Research. Phase II study of sunitinib in FDG-PET positive, differentiated thyroid cancer and metastatic medullary carcinoma of thyroid with functional imaging correlation. Sep 2010.

### **Bedrick, Edward J.**

Baker J, Workman M, Bedrick E, Frey MA, Hurtado M, Pearson O. Am J Hum Biol. Brains versus brawn: an empirical test of Barker's brain sparing model. 22. 206-15. Mar 2010.

Kang H, Chen IM, Wilson CS, Bedrick EJ, Harvey RC, Atlas SR, Devidas M, Mullighan CG, Wang X, Murphy M, Ar K, Wharton W, Borowitz MJ, Bowman WP, Bhojwani D, Carroll WL, Camitta BM, Reaman GH, Smith MA, Downing JR, Hunger SP, Willman CL. Blood. Gene expression classifiers for relapse-free survival and minimal residual disease improve risk classification and outcome prediction in pediatric B-precursor acute lymphoblastic leukemia. 115. 1394-405. Feb 2010.

Myers O, Adams C, Rohrsheib M, Servilla K, Miskulin DC, Bedrick EJ, Zager P. J Am Soc Nephrol. Age, race, diabetes, blood pressure and mortality among hemodialysis patients. 21. 1970-8. Nov 2010.

Ciesielski KT, Ahlfors SP, Bedrick EJ, Kerwin AA, Hamalainen MS. Neuropsychologia. Top-down control of MEG alpha-band activity in children performing Categorical N-Back Task. 48. 3573-9. Oct 2010.

Harvey RC, Mullighan CG, Wang X, Dobbin KK, Davidson GS, Bedrick EJ, Chen IM, Atlas SR, Kang H, Ar K, Wilson CS, et al. Blood. Identification of novel cluster groups in pediatric high-risk B-precursor acute lymphoblastic leukemia with gene expression profiling: correlation with genome-wide DNA copy number alterations, clinical characteristics, and outcome. 116. 4874-84. Dec 2010.

Sun Y, Scavini M, Orlando RA, Murata GH, Servilla KS, Tzamaloukas AH, Schrader R, Bedrick EJ, Burge MR, Abumrad NA, Zager PG. Diabetes Care. Increased CD36 Expression Signals Monocyte Activation Among Patients with Type 2 Diabetes Mellitus. 33. 2065-7. Sep 2010.

### **Berwick, Marianne**

Thomas NE, Kanetsky PA, Edmiston SN, Alexander A, Begg CB, Groben PA, Hao H, Busam K, Ollila DW, Berwick M, Conway K. J Invest Dermatol. Relationship between Germline MC1R Variants and BRAF-Mutant Melanoma in a North Carolina Population-Based Study. 130. 1463-5. May 2010.

Thomas NE, Kanetsky PA, Begg CB, Conway K, Berwick M. J Invest Dermatol. Melanoma molecular subtypes: unifying and paradoxical results. 130. 12-4. Jan 2010.

Lazovich D, Vogel RI, Berwick M, Wienstock MA, Anderson KE, Warshaw EM. Cancer Epidemiol Biomarkers Prev. Indoor tanning and risk of melanoma: A case-control study in a highly exposed population. 19. 1557-68. Jun 2010.



Erdei E, Kang H, Meisner A, White K, Pickett G, Baca C, Royce M, Berwick M. Cytokine Polymorphisms in cytokine genes and serum cytokine levels among New Mexican women with and without breast cancer. 51. 18-24. Jul 2010.

**Brown, Lee K.**

Brown LK. Clinics in Chest Medicine. Hypoventilation Syndromes. 31. 249-270. Jun 2010.

Brown LK. American Thoracic Society News. Life Outside: Lee K. Brown, M.D., combines medical management with family time and "ham" radio. 36. Mar 2010.

Berry RB, Chediak A, Brown LK, Finder J, Gozal D, Iber C, Kushida CA, Morgenthaler T, Rowley JA, Ward-Davidson SL. J Clin Sleep Med 2010. Best Clinical Practices for the Sleep Center Adjustment of Noninvasive Positive Pressure Ventilation (NPPV) in Stable Chronic Alveolar Hypoventilation Syndromes. 6(5). 497-509. Aug 2010.

Battah S, Wu Cecilia, Richards Allyson, Crooks Lida, Hartshorne Michael, Brown Lee K. Chest 2010. A 41-Year-Old Man With Fluorodeoxyglucose-Avid Thickening on PET Scan. 138(4). 1010-1013. Oct 2010.

Brown Lee. CHEST 2010. Use it or Lose it: Medicare's New Paradigm for Durable Medical Equipment Coverage? 138. 785-789. Oct 2010.

Brown LK. Current Opin Pulm Med. Whither Adaptive Servo-ventilation? 16. 527-530. Nov 2010.

**Burge, Mark R.**

Sun Y, Orlando R, Servia K, Tzamaloukas A, Schrader R, Bedrick E, Burge, MR, Abumrad N, Zager, P. Diabetes Care. Increased CD36 Expression Signals Monocyte Activation Amon Patients with Type 2 Diabetes Mellitus. 33(9). 2065-7. Jun 2010.

**Cook, Linda**

Goode EL, Chenevix-Trench G, Song H, Ramus SJ, Motaridou M, Lawrenson K, Widschwendter M, Vierkant RA, Larson MC, Kjaer SK, Birrer MJ, Berchuck A, Schildkraut J, Tomlinson I, Kiemeny LA, Cook LS, Gronwald J, Garcia-Closas M, et al, The Wellcome Trust Case-Control Consortium, Beesley J, Webb PM, etc etc. Nat Genet. A genome-wide association study identifies susceptibility loci for ovarian cancer at 2q31 and 8q24. 42. 874-9. Oct 2010.

Bolton KL, Tyrer J, Song H, Ramus SJ, Notaridou M, Jones C, Sher t, Gentry-Maharaj A, Wozniak e, Tsai Y-Y, Weidhaas J, Paik D, Van Den Berg D, Stram DO, Pearce CL, Wu AH, Brewster W, Anton-Culver H, Ziogas A, Narod SA, Levine DA, Kaye SB, Brown R, Paul J, Flanagan J, Sieh W, McGuire W, Whittemore AS, Campbell I, Gore ME, Lissowska J, Yang H, Medrek K, Gronwald J, Lubinski J, Jakubowska A, Le ND, Cook LS, et al. Nat Genet. Common variants at 19p13 are associated with susceptibility to ovarian cancer. 42. 880-4. Oct 2010.

**Dokladny, Karol**

Dokladny K, Lobb R, Wharton W, Ma TY, Moseley PL. Cell Stress and Chap. LPS-induced Cytokine Levels are Repressed by Elevated Expression of HSP70 in Rats: Possible Role of NF-kappaB. 2. 153-163. Mar 2010.

Ramadass B, Dokladny K, Moseley PL, Patel Y, Lin HC. Digestive Disease and Sciences. Sucrose Co-administration Reduces the Toxic Effect of Lectin on Gut Permeability and Intestinal Bacterial Colonization. 10. 2778-2784. Oct 2010.

**Fekrazad, Mohammad**

Fekrazad MH, Eberhardt S, Jones DV, Lee FC. Clin Colorectal Cancer. Development of bronchiolitis obliterans organizing pneumonia with platinum-based chemotherapy for metastatic rectal cancer. 9(3). 177-8. Jul 2010.

Czuchlewski DR, Brackney M, Ewers C, Manna J, Fekrazad MH, Martinez A, Nolte KB, Hjelle B, Rabinowitz I, et al. Am J Clin Pathol. Clinicopathologic features of agranulocytosis in the setting of levamisole-tainted cocaine. 133(3). 466-72. Mar 2010.

Gilliam EH, Winters JP, McGuire EA, Lee S-J, Purdy M, Fekrazad MH, Royce ME, Choi KI. The Internet J of Oncology 2010. Efficacy and safety of intravenous bisphosphonates beyond two years. 7(2). Jul 2010.

**Flores, Kristina**

Stidley CA, Picchi MA, Leng S, Willink R, Crowell RE, Flores KG, Kang H, Byers T, Gilliland FD, Belinsky SA. Cancer Research. Multivitamins, folate, and green vegetables protect against gene promoter methylation in the aerodigestive tract of smokers. 70. 568-74. Jan 2010.

**Garcia, David A.**

Garcia D, Libby E, Crowther MA. Blood. The new oral anticoagulants. 115(1). 15-20. Jan 2010.

Garcia DA. Curr Pharm Des. Current therapeutic strategies and future perspectives for the treatment of venous thromboembolism. 16(31). 3475-7. Sep 2010.

**Ginossar, Tamar**

Ginossar T, De Vargas F, Sanchez C, Oetzel J. Health Care Women Int. "That word, cancer": breast care behavior of Hispanic women in New Mexico background and literature review. 31(1). 68-87. Jan 2010.

**Harford, Antonia M.**

Raizada V, Skipper B, Taylor RA, Luo W, Harford AA, Zager PG, Rohrscheib M, Spalding CT. J Investig Med. Left ventricular diastolic function in patients on hemodialysis. 58(6). 791-5. Aug 2010.

**Harkins, Michelle S.**

Arora S, Kalishman S, Thornton K, Dion D, Murata G, Deming P, Parish B, Brown J, Komaromy M, Colleran K, Bankhurst A, Katzman J, Harkins M, Curet L, Cosgrove E, Pak W. Hepatology. Expanding Access to HCV Treatment - Extension for Community Healthcare Outcomes (ECHO)Project: Disruptive Innovation in Specialty Care. 52. 1124-33. Sep 2010.

**Hill, Deirdre**

Hill DA, Nibbe A, Royce ME, Wallace AM, Kang H, Wiggins CL, Rosenberg RD. Epidemiol Biomarkers Prev. Method of detection and breast cancer survival disparities in Hispanic women. 19. 2453-60. Oct 2010.

**Hoffman, Richard M.**

Hoffman RM, Steel S, Yee E, Massie L, Schrader R, Murata GH. Prev Med. Colorectal cancer screening adherence is higher with fecal immunochemical tests than guaiac-based fecal occult blood tests: a randomized controlled trial. 50. 297-9. May 2010.

Hoffman RM. Curr Opin Urol. Randomized trial results did not resolve controversies surrounding prostate cancer screening. 20. 189-93. May 2010.

Hoffman RM, Lewis CL, Pignone M, Couper MP, Barry MJ, Elmore JG, Levin CA, VanHoewyk J, Zikmund-Fisher BJ. Med Decis Making. Decision-making processes for breast, colorectal, and prostate cancer screening: results from the DECISIONS study. 30. 53S-64S. Sep 2010.

Zeliadt SB, Hoffman RM, Etzioni R, Ginger VAT, Lin DW. J Gen Intern Med. What happens after an elevated PSA test: the experience of 13,591 Veterans. 25. 1205-10. Nov 2010.

**Hromas, Robert A.**

Shaheen M, Williamson E, Nickoloff J, Lee SH, Hromas R. Genetica. Metnase?SETMAR: A domesticated primate transposase that enhances DNA repair, replication, and decatenation. 138(5). 559-66. May 2010.

Williamson EA, Boyle TJ, Raymond R, Farrington J, Verschraegen C, Shaheen M, Hromas R. Invest New Drugs. Cytotoxic activity of the titanium alkoxide (OPy)(2)Ti(4AP)(2) against cancer colony forming cells. Sep 2010.

Wiggins CL, Harlan LC, Nelson HE, Sevens JL, Willman CL, Libby EN, Hromas RA. Am J Med. Age disparity in the dissemination of imatinib for treating chronic myeloid leukemia. 123(8). 764.e1-9. Aug 2010.

Shaheen M, Shanmugam I, Hromas R. J Nucleic Acids. The role of PCNA posttranslational modifications in translesion synthesis. Aug 2010.

**Jones, Jr, Dennie V.**

Fekrazad MH, Eberhardt S, Jones DV, Lee FC. Clin Colorectal Cancer. Development of bronchiolitis obliterans organizing pneumonia with platinum-based chemotherapy for metastatic rectal cancer. 9(3). 177-8. Jul 2010.

**Kang, Huining**

Torres SM, Divi RL, Walker DM, McCash CL, Carter MM, Campen MJ, Einem TL, Chu Y, Seilkop SK, Kang H, Poirier MC, Walker VE. Cardiovascular Toxicology. In utero exposure of female CD-1 mice to AZT and/or 3TC: II. Persistence of functional alterations in cardiac tissue. 10. 87-99. Jun 2010.

Stidley CA, Picchi MA, Leng S, Willink R, Crowell RE, Flores KG, Kang H, Byers T, Gilliland FD, Belinsky SA. Cancer Res. Multivitamins, folate, and green vegetables protect against gene promoter methylation in the aerodigestive tract of smokers. 70. 568-74. Jan 2010.

Garcia CF, Hunt KE, Kang H, Babb A, Gale JM, Vasef MA, Reichard KK. Appl Immunohistochem Mol Morphol. Most morphologic features in chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL) do not reliably predict underlying FISH genetics or immunoglobulin heavy chain variable region somatic mutational status. 18. 119-27. Mar 2010.

Kang H, Chen IM, Wilson CS, Bedrick EJ, Harvey RC, Atlas SR, Devidas M, Mullighan CG, Wang X, Murphy M, Ar K, Wharton W, Borowitz MJ, Bowman WP, Bhojwani D, Carroll WL, Camitta BM, Reaman GH, Smith MA, Downing JR, Hunger SP, Willman CL. Blood. Gene expression classifiers for relapse-free survival and minimal residual disease improve risk classification and outcome prediction in pediatric B-precursor acute lymphoblastic leukemia. 115. 1394-405. Feb 2010.

Harvey RC, Mullighan CG, Chen IM, Wharton W, Mikhail FM, Carroll AJ, Kang H, Liu W, Dobbin KK, Smith MA, Carroll WL, Devidas M, Bowman WP, Camitta B, Reaman GH, Hunger SP, Downing JR, Willman CL. Blood. Rearrangement of CRLF2 is associated with mutation of JAK kinases, alteration of IKZF1, Hispanic/Latino ethnicity, and a poor outcome in pediatric B-progenitor acute lymphoblastic leukemia. 115. 5312-21. Jul 2010.

Erdei E, Kang H, Meisner A, White K, Pickett G, Baca C, Royce M, Berwick M. Cytokine. Polymorphisms in cytokine genes and serum cytokine levels among New Mexican women with and without breast cancer. 51. 18-24. Jul 2010.

Hill DA, Nibbe A, Royce ME, Wallace AM, Kang H, Wiggins CL, Rosenberg RD. Epidemiol Biomarkers Prev. Method of detection and breast cancer survival disparities in Hispanic women. 19. 2453-60. Oct 2010.

Harvey RC, Mullighan CG, Wang X, Dobbin KK, Davidson GS, Bedrick EJ, Chen IM, Atlas SR, Kang H, Ar K, Wilson CS, Wharton W, Murphy M, Devidas M, Carroll AJ, et al. Blood. Identification of novel cluster groups in pediatric high-risk B-precursor acute lymphoblastic leukemia with gene expression profiling: correlation with genome-wide DNA copy number alterations, clinical characteristics, and outcome. 116. 4874-84. Dec 2010.

**Kellie, Susan M.**

Kellie S, Timmins A, Brown C. Joint Commission Journal of Patient Safety and Quality. A statewide collaborative to reduce methicillin-resistant Staphylococcus aureus bacteremias in New Mexico. Sep 2010.

**Laskey, Warren K.**

Laskey W, Spence N, Zhao X, Mayo R, Taylor R, Cannon CP, Hernandez AF, Peterson ED, Fonarow GC. Crit Pathw Cardiol. Regional differences in quality of care and outcomes for the treatment of acute coronary syndromes: An analysis from the Get With the Guidelines Coronary Artery Disease Program. 9. 1-7. Mar 2010.

Wolf WM, Vlachos HA, Marroquin OC, Lee JS, Smith C, Anderson WD, Schindler JT, Holper EM, Abbott JD, Williams DO, Laskey WK, Kip KE, Kelsey SF, Mulukutla SR. Circ Cardiovasc Interv. Paclitaxel-eluting versus sirolimus-eluting stents in diabetes mellitus. A report from the NHLBI Dynamic Registry. 3. 42-49. Jan 2010.

Laskey WK, Feinendegen LE, Neumann RD, Dilsizian V. J Am Coll Cardiol Img . Low-level ionizing radiation from non-invasive cardiac imaging: Can we extrapolate estimated risks from epidemiologic data to the clinical setting? 3. 517-24. Jan 2010.

**Lee, Fa-Chyi**

Fekrazad MH, Eberhardt S, Jones DV, Lee FC. Clin Colorectal Cancer. Development of bronchiolitis obliterans organizing pneumonia with platinum-based chemotherapy for metastatic rectal cancer. 9(3). 177-8. Jul 2010.

Sweeney CJ, Chiorean EG, Verschraegen CF, Lee FC, Jones S, Royce M, Tye L, Liao KF, Bello A, Chao R, Burris HA. J Clin Oncol. A phase I study of Sunitinib plus Capecitabine in patients with advanced solid tumors. 28(29). 4513-20. Sep 2010.

**Lee, Samuel A.**

Palanisamy SK, Ramirez MA, Lorenz M, Lee SA. Eukaryotic Cell. Candida albicans PEP12 is required for biofilm integrity and in vivo virulence. 9. 266-77. Feb 2010.

Ku TS, Palanisamy SK, Lee SA. International Journal of Antimicrobial Agents. Susceptibility of Candida albicans biofilms to azithromycin, tigecycline and vancomycin and the interaction between tigecycline and antifungals. 36. 441-446. Nov 2010.

Westbrook SD, Wiederhold NP, Vallor AC, Kotara S, Bernardo S, Lee SA, Kirkpatrick WR, Toro JJ, Freytes C, Patterson TF, Redding SW. Medical Mycology. Loss of in vitro resistance in Candida glabrata following discontinuation of fluconazole prophylaxis in a hematopoietic stem cell transplantation patient. 48. 557-60. May 2010.

Bernardo SM, Lee SA. BMC Microbiology. Candida albicans SUR7 contributes to secretion, biofilm formation, and macrophage killing. 10. 133-. Apr 2010.

Miceli MH, Veryser AK, Anderson AD, Hofinger D, Lee SA, Tancik C. Vector Borne and Zoonotic Diseases. A case of person-to-person transmission of Q fever from an active duty serviceman to his spouse. 10. 539-41. Jun 2010.

**Lee, Sang-Joon**

Gilliam EH, Winters JP, McGuire EA, Lee S-J, Purdy M, Fekrazad MH, Royce MR. The Internet Journal of Oncology. Efficacy and safety of intravenous bisphosphonates beyond two years. 7. Jun 2010.

Weiler T, Libby E, Lee S-J. Journal of Investigative Medicine. Frequency of venous thromboembolism in post-operative gynecologic cancer surgery: a retrospective observational analysis. 58. 218-219. Jan 2010.

Arias-Pulido H, Royce M, Gong Y, Joste N, Lomo L, Lee S-J, Chahar N, Verschraegen CF, Lara J, Prossnitz E, Cristofanilli M. Breast Cancer Research and Treatment. GPR30 and estrogen receptor expression: New insights into hormone dependence of inflammatory breast cancer. 123. 51-8. Aug 2010.

Heaphy CM, Fleet TM, Treat EG, Lee S-J, Smith AY, Davis MS, Griffith JK, Fischer EG, Bisoffi M. Prostate. Organ-wide Telomeric Status in Diseased and Disease-free Prostatic Tissues. 70. 1471-9. Sep 2010.

**Libby, Edward N.**

Wiggins CL, Harlan LC, Nelson HE, Sevens JL, Willman CL, Libby EN, Hromas RA. Am J Med. Age disparity in the dissemination of imatinib for treating chronic myeloid leukemia. 123(8). 764.e1-9. Aug 2010.

Libby E, Candelaria-Quintana D, Moualla H, Abdul-Jaleel M, Rabinowitz I. Am J Hematol. Durable complete remission of primary plasma cell leukemia with the bortezomid plus melphalan and prenisone (VMP) regimen. 85(9). 733-4. Sep 2010.

Oertel LB, Libby EN. J Thromb Thrombolysis. Is patient self-testing a good thing? 29(2). 214-8. Feb 2010.

Garcia D, Libby E, Crowther MA. Blood. The new oral anticoagulants. 115(1). 15-20. Jan 2010.

**McGuire, Elizabeth A.**

Gilliam EH, Winters JP, McGuire EA, Lee S-J, Purdy M, Fekrazad MH, Royce ME, Choi KI. The Internet J of Oncology 2010. Efficacy and safety of intravenous bisphosphonates beyond two years. 7(2). Jul 2010.

**Moseley, Pope L.**

Amorim F, Moseley P. Heat Shock Proteins and Whole Body Physiology. Heat Shock Protein and Inflammation. 5. Springer. 57-83. Mar 2010.

Boivin MA, Battah SI, Dominic EA, Kalantar-Zadek K, Ferrando A, Tzamaloukas AH, Dwivedi R, Ma TY, Moseley PL, RAJ DSC. Eur J Clin Invest. Activation of Caspase-3 in the Skeletal Muscle during Haemodialysis. 40. 903-10. Aug 2010.

Dokladny K, Loob R, Wharton W, Ma TY, Moseley PL. Cell Stress Chap. LPS-induced Cytokine Levels are Repressed by Elevated Expression of HSP70 in Rats: Possible Role of NF-kappaB. 2. 153-63. Mar 2010.

**Murata, Glen H.**

Hoffman RM, Steel S, Yee E, Massie L, Schrader R, Murata GH. Prev Med. Colorectal cancer screening adherence is higher with fecal immunochemical tests than guaiac-based fecal occult blood tests: a randomized controlled trial. 50. 297-9. May 2010.

**Murray-Krezan, Cristina M.**

Carlson AP, Ramirez P, Kennedy G, McLean AR, Murray-Krezan C, Stippler M. Neurosurg Focus. Low rate of delayed deterioration requiring surgical treatment in patients transferred to a tertiary care center for mild traumatic brain injury. 29. E3. Nov 2010.

**Myers, Orrin**

Myers OB, Adams C, Rohrscheib MR, Servilla KS, Miskulin D, Bedrick EJ, Zager PG. J Am Soc Nephrol. Blood Pressure and Mortality Among Hemodialysis Patients. 21. 1970-8. Nov 2010. **Raizada, Veena**  
Raizada V, Skipper B, Taylor R A, Luo W, Harford A, Zager P, Rohrscheib M, Spalding M. Journal of Investigative Medicine. Left Ventricular Diastolic Function in Patients on Hemodialysis. 58. 791-795. Aug 2010.

**Prasad, Arti**

Wayne S J, Kalishman S, Jerabek R N, Timm C, Cosgrove E. Academic Medicine. Early Predictors of Physicians' Practice in Medically Underserved Communities: A 12 Year Follow-up Study of University of New Mexico School of Medicine Graduates. 85 Issue 10. S13-S16. Oct 2010.

Timm C, Cosgrove E. Academic Medicine. University of New Mexico School of Medicine. 85 Issue 9. S353-S357. Sep 2010.

**Rabinowitz, Ian**

Czuchlewski DR, Brackney M, Ewers C, Manna J, Fekrazad MH, Martinez A, Nolte KB, Hjelle B, Rabinowitz I, et al. Am J Clin Pathol. Clinicopathologic features of agranulocytosis in the setting of levamisole-tainted cocaine. 133(3). 466-72. Mar 2010.

Libby E, Candelaria-Quintana D, Moualla H, Abdul-Jaleel M, Rabinowitz I. Am J Hematol. Durable complete remission of primary plasma cell leukemia with the bortezomid plus melphalan and prednisone (VMP) regimen. 85(9). 733-4. Sep 2010.

**Roldan, Carlos A.**

Brooks WM, Sibbitt WL Jr, Kornfeld M, Jung RE, Bankhurst AD, Roldan CA. Arthritis Rheum. The histopathologic associates of neurometabolite abnormalities in fatal neuropsychiatric systemic lupus erythematosus. 62. 2055-63. Jan 2010.

Jung RE, Caprihan A, Chavez RS, Flores RA, Sharrar J, Qualls CR, Sibbitt W, Roldan CA. BMC Neurol. Diffusion tensor imaging in neuropsychiatric systemic lupus erythematosus. 28. 10:65. Jul 2010.

Jung RE, Segall JM, Grazioplene RG, Qualls C, Sibbitt WL, Roldan CA. PLoS. Cortical thickness and subcortical gray matter reductions in neuropsychiatric systemic lupus erythematosus. 5. e9302. Jun 2010.

Sibbitt WL Jr, Brooks WM, Kornfeld M, Hart BL, Bankhurst AD, Roldan CA. Semin Arthritis Rheum. Magnetic resonance imaging and brain histopathology in neuropsychiatric systemic lupus erythematosus. 40. 32-52. Aug 2010.

Roldan CA, Joson J, Sharrar J, Qualls CR, Sibbitt WL Jr. J Rheumatol. Premature aortic atherosclerosis in systemic lupus erythematosus: a controlled transesophageal echocardiographic study. 37. 71-8. Jan 2010.

Gasparovic CM, Roldan CA, Sibbitt WL Jr, Qualls CR, Mullins PG, Sharrar JM, Yamamoto JJ, Bockholt HJ. J Rheumatol. Elevated Cerebral Blood Flow and Volume in Systemic Lupus Measured by Dynamic Susceptibility Contrast Magnetic Resonance Imaging. 37(9). 1834-43. Jun 2010.

Scully M, Anderson B, Lane T, Gasparovic C, Magnotta V, Sibbitt W, Roldan C, Kikinis R, Bockholt HJ. Front Hum Neurosci. An Automated Method for Segmenting White Matter Lesions through Multi-Level Morphometric Feature Classification with Application to Lupus. 4. 27. Jan 2010.

**Rohrscheib, Mark**

Myers OB, Adams C, Rohrscheib MR, Servilla KS, Miskulin D, Bedrick EJ, Zager PG. J Am Soc Nephrol. Age, race, diabetes, blood pressure, and mortality among hemodialysis patients. 21(11). 1970-8. Nov 2010.

Raizada V, Skipper B, Taylor RA, Luo W, Harford AA, Zager PG, Rohrscheib M, Spalding CT. J Investig Med. Left ventricular diastolic function in patients on hemodialysis. 58(6). 791-5. Aug 2010.

Tzamaloukas AH, Ing TS, Elisaf MS, Raj DS, Siamopoulos KC, Rohrscheib M, Murata GH. Int Urol Nephrol. Abnormalities of serum potassium concentration in dialysis-associated hyperglycemia and their correction with insulin: a unique clinical/physiologic exercise in internal potassium balance. 42(4). 1015-22. Sep 2010.

**Royce, Melanie E.**

Gilliam EH, Winters JP, McGuire EA, Lee S-J, Purdy M, Fekrazad MH, Royce ME, Choi KI. The Internet J of Oncology 2010. Efficacy and safety of intravenous bisphosphonates beyond two years. 7(2). Jul 2010.



**Schade, David S.**

Diabetes Prevention Program, incl Schade David S. Obesity. Effects of metformin and weight loss on serum alanine aminotransferase activity in the Diabetes Prevention Program. Feb 2010.

Epidemiology of Diabetes Intervention and Complications group, incl Schade DS. Diabetic Medicine. Disparity in the management of coronary heart disease (CHD) risk factors by sex in DCCT/EDIC. 27(4). 451-8. Apr 2010.

Epidemiology of Diabetes Intervention and Complications Group, incl Schade DS. Diabetes. Effect of prior intensive therapy in type 1 diabetes on 10-year progression of retinopathy in the DCCT/EDIC. 59. 1244-53. May 2010.

Epidemiology of Diabetes Intervention and Complications Group, incl Schade DS. Diabetes Care. Effect of prior intensive insulin treatment during the Diabetes Control and Complications Trial (DCCT) on peripheral neuropathy in type 1 diabetes during the (EDIC) study. 33. 1090-1096. May 2010.

Epidemiology of Diabetes Intervention and Complications Group, incl Schade DS. American Journal of Kidney Disease. Early urinary markers of diabetic kidney disease: A nested case-control study from the DCCT. 55(5). 824-834. Jan 2010.

**Schuyler, Mark R.**

Sood, A, Qualls, C, Seagrave, J, Stidley, C, Berwick, M, Archibeque, T, Schuyler, M. CHEST. The Effect of Specific Allergen Inhalation on Adipokine Level: Can Adiponectin Oligomers and Hormones be a Factor?. 137(2). 499. Feb 2010.

Sood, A, Qualls, C, Schuyler, M. Annals of Allergy, Asthma and Immunology. Leptin, Adiponectin and Asthma: Findings from a Population-based Cohort Study (Correspondence). 104(4). 335. Apr 2010.

Sood A, Qualls C, LiR, Schuyler, M, Beckett, WS, Smith LJ, Thyagarajan, B Lewis, CE, Jacobs, DR. Eur Respir J. for the CARDIA Investigators "Lean" mass predicts asthma better than fat mass among females. Jun 2010.

**Servilla, Karen S.**

Myers OB, Adams C, Rohrscheib MR, Servilla KS, Miskulin D, Bedrick EJ, Zager PG. J Am Soc Nephrol. Age, race, diabetes, blood pressure, and mortality among hemodialysis patients. 21(11). 1970-8. Nov 2010.

Sun Y, Scavini M, Orlando RA, Murata GH, Servilla KS, Tzamaloukas AH, Schrader R, Bedrick EJ, Burge MR, Abumrad NA, Zager PG. Diabetes Care. Increased CD36 expression signals monocyte activation among patients with type 2 diabetes. 33(9). 2065-7. Sep 2010.

Behl M, Sun Y, Agaba EI, Martinez M, Servilla KS, Raj DS, Murata GH, Tzamaloukas AH. Hemodial Int. Death during hospitalization in patients on chronic hemodialysis. 14 Suppl 1. S14-21. Oct 2010.

Prevost M, Sun Y, Servilla KS, Massie L, Glew RH, Tzamaloukas AH. Int Urol Nephrol. Repeated intoxication presenting with azotemia, elevated serum osmolal gap, and metabolic acidosis with high anion gap: differential diagnosis, management, and prognosis. Jul 2010.

**Shaheen, Montaser**

Shaheen M, Williamson E, Nickoloff J, Lee SH, Hromas R. *Genetica. Metnase/SETMAR: A domesticated primate transposase that enhances DNA repair, replication, and decatenation.* 138(5). 559-66. May 2010.

**Sibbitt, Wilmer L.**

Poole JL, Cordova JS, Sibbitt WL Jr, Skipper B. *Am J Occup. Quality of life in American Indian women with arthritis or diabetes.* 64(3). 496-505. Jul 2010. PMID: 20608280

Gasparovic CM, Roldan CA, Sibbitt WL Jr, Qualls CR, Mullins PG, Sharrar JM, Yamamoto JJ, Bockholt HJ. *J Rheumatology. Elevated cerebral blood flow and volume in systemic lupus measured by dynamic susceptibility contrast magnetic resonance imaging.* 37(9). 1834-43. Sep 2010.

**Sood, Akshay**

Sood A, Qualls C LiR, Schuyler M, Beckett WS, Smith LJ, Thyagarajan B, Lewis CE, Jacobs DR. *Eur Respir J. for the CARDIA Investigators "Lean" mass predicts asthma better than fat mass among females.* Jun 2010.

Sood A, Petersen H, Blanchette CM, Meek P, Picchi MA, Belinsky SA, Tesgaigzi Y. *Am J. Resp Criti Care Med. Wood Smoke Exposure and Gene Promoter Methylation are associated with Increased Risk for COPD in Smokers.* May 2010.

Dixon A, Holguin F, Sood A, Salome CM, Pratley RE, Beuther DA, Celedon JC, Shore SA. *Proc Am Thor Soc. Obesity and Asthma: An ATS Workshop Report.* Jun 2010.

Sood A, Qualls C, Seagrave J, Stidley C, Berwick M, Archibeque T, Schuyler M. *CHEST. The Effect of Specific Allergen Inhalation on Adipokine Level: Can Adiponectin Oligomers and Hormones be a Factor?* 137(2). 499. Feb 2010.

Sood A, Qualls C, Schuyler M. *Annals of Allergy, Asthma and Immunology. Leptin, Adiponectin and Asthma: Findings from a Population-based Cohort Study (Correspondence).* 104(4). 335. Apr 2010.

Dixon A, Holguin F, Sood A, Salome CM, Pratley RE, Beuther DA, Celedon JC, Shore SA. *Proc American Thoracic Society. An Official American Thoracic Society Workshop Report: Obesity and Asthma.* 7. 325-335. Sep 2010.

**Spalding, Charles T.**

Raizada V, Skipper B, Taylor RA, Luo W, Harford AA, Zager PG, Rohrscheib M, Spalding CT. *J Investig Med. Left ventricular diastolic function in patients on hemodialysis.* 58(6). 791-5. Aug 2010.

**Stidley, Christine Aileen**

Torres SM, Divi RL, Walker DM, McCash CL, Carter MM, Campen MJ, Einem TL, Chu Y, Seilkop SK, Kang H, Poirier MC, Walker VE. *Cardiovascular Toxicology. In utero exposure of female CD-1 mice to AZT and/or 3TC: II. Persistence of functional alterations in cardiac tissue.* 10. 87-99. Jun 2010.

Stidley CA, Picchi MA, Leng S, Willink R, Crowell RE, Flores KG, Kang H, Byers T, Gilliland FD, Belinsky SA. Cancer Research. Multivitamins, folate, and green vegetables protect against gene promoter methylation in the aerodigestive tract of smokers. 70. 568-74. Jan 2010.

### **Sun, Yijuan**

Sun Y, Scavini M, Orlando RA, Murata GH, Servilla KS, Tzamaloukas AH, Schrader R, Bedrick EJ, Burge MR, Abumrad NA, Zager PG. Diabetes Care. Increased CD36 expression signals monocyte activation among patients with type 2 diabetes. 33(9). 2065-7. Sep 2010.

Behl M, Sun Y, Agaba EI, Martinez M, Servilla KS, Raj DS, Murata GH, Tzamaloukas AH. Hemodial Int. Death during hospitalization in patients on chronic hemodialysis. 14 Suppl 1. S14-21. Oct 2010.

Prevost M, Sun Y, Servilla KS, Massie L, Glew RH, Tzamaloukas AH. Int Urol Nephrol. Repeated intoxication presenting with azotemia, elevated serum osmolal gap, and metabolic acidosis with high anion gap: differential diagnosis, management, and prognosis. Jul 2010.

### **Taylor, Robert A.**

Raizada V, Skipper B, Taylor R A, Luo W, Harford A, Zager P, Rohrscheib M, Spalding M. Journal of Investigative Medicine. Left Ventricular Diastolic Function in Patients on Hemodialysis. 58. 791-795. Aug 2010.

### **Timm, T. Craig**

Wayne S, Timm C, Serna L, Solan B, Kalishman S. Journal of Health Care for the Poor and Underserved. Medical Students' Attitudes toward Underserved Populations: Changing Associations with Choice of Primary Care vs. Non-Primary Care Residency. 21 (2). 438-447. May 2010.

### **Tzamaloukas, Antonios**

Sun Y, Scavini M, Orlando RA, Murata GH, Servilla KS, Tzamaloukas AH, Schrader R, Bedrick EJ, Burge MR, Abumrad NA, Zager PG. Diabetes Care. Increased CD36 expression signals monocyte activation among patients with type 2 diabetes. 33(9). 2065-7. Sep 2010.

Behl M, Sun Y, Agaba EI, Martinez M, Servilla KS, Raj DS, Murata GH, Tzamaloukas AH. Hemodial Int. Death during hospitalization in patients on chronic hemodialysis. 14 Suppl 1. S14-21. Oct 2010.

Tzamaloukas AH, Ing TS, Elisaf MS, Raj DS, Siamopoulos KC, Rohrscheib M, Murata GH. Int Urol Nephrol. Abnormalities of serum potassium concentration in dialysis-associated hyperglycemia and their correction with insulin: a unique clinical/physiologic exercise in internal potassium balance. 42(4). 1015-22. Dec 2010.

Tzamaloukas AH, Ing TS, Elisaf MS, Raj DS, Siamopoulos KC, Rohrscheib M, Murata GH. Int Urol Nephrol. Abnormalities of serum potassium concentration in dialysis-associated hyperglycemia and their correction with insulin: review of published reports. 42(4). 1015-22. Sep 2010.

Boivin MA, Battah SI, Dominic EA, Kalantar-Zadeh K, Ferrando A, Tzamaloukas AH, Dwivedi R, Ma TA, Moseley P, Raj DS. Eur J Clin Invest. Activation of caspase-3 in the skeletal muscle during haemodialysis. 40(10). 903-10. Oct 2010.

Prevost M, Sun Y, Servilla KS, Massie L, Glew RH, Tzamaloukas AH. *Int Urol Nephrol*. Repeated intoxication presenting with azotemia, elevated serum osmolal gap, and metabolic acidosis with high anion gap: differential diagnosis, management, and prognosis. Jul 2010.

**Upson, Dona J.**

VanKim N, Padilla J, Upson D. *Am. J. Respir. Crit.Care Med*. Tobacco use and related mental health indicators among lesbian, gay, and bisexual persons in New Mexico. 181. A5789. May 2010.

**Verschraegen, Claire F.**

Williamson EA, Boyle TJ, Raymond R, Farrington J, Verschraegen C, Shaheen M, Hromas R. *Invest New Drugs*. Cytotoxic activity of the titanium alkoxide (OPy)(2)Ti(4AP)(2) against cancer colong forming cells. Sep 2010.

**Wiggins, Charles L.**

Hill DA, Nibbe A, Royce ME, Wallace AM, Kang H, Wiggins CL, Rosenberg RD. *Epidemiol Biomarkers Prev*. Method of detection and breast cancer survival disparities in Hispanic women. 19. 2453-60. Oct 2010.

Wiggins CL, Harlan LC, Nelson HE, Stevens JL, Willman CL, Libby EN, Hromas RA. *Am J Med*. Age disparity in the dissemination of imatinib for treating chronic myeloid leukemia. 123. 764.e1-9. Aug 2010.

**Williamson, Elizabeth A.**

Shaheen M, Williamson E, Nickoloff J, Lee SH, Hromas R. *Genetica*. Metnase/SETMAR: a domesticated primate transposase that enhances DNA repair, replication, and decatenation. 138(5). 559-66. May 2010.

Williamson EA, Boyle TJ, Raymond R, Farrington J, Verschraegen C, Shaheen M, Hromas R. *Invest New Drugs*. Cytotoxic activity of the titanium alkoxide (OPy)(2)Ti(4AP)(2) against cancer colong forming cells. Sep 2010.

**Yee, Ellen F.**

Hoffman RM, Steel S, Yee E, Massie L, Schrader R, Murata GH. *Prev Med*. Colorectal cancer screening adherence is higher with fecal immunochemical tests than guaiac-based fecal occult blood tests: a randomized controlled trial. 50. 297-9. May 2010.

**Zager, Philip G.**

MacCluer JW, Scavini M, Shah VO, Cole SA, Laston SL, Voruganti VS, Paine SS, Eaton AJ, Comuzzie AG, Tentori F, Pathak DR, Bobelu A, Bobelu J, Ghahate D, Waikaniwa M, Zager PG. *Am J Kidney Dis*. Heritability of measures of kidney disease among Zuni Indians: the Zuni Kidney Project. 56(2). 289-302. Aug 2010.

Myers OB, Adams C, Rohrscheib MR, Servilla KS, Miskulin D, Bedrick EJ, Zager PG. J Am Soc Nephrol. Age, race, diabetes, blood pressure, and mortality among hemodialysis patients. 21(11). 1970-8. Nov 2010.

Sun Y, Scavini M, Orlando RA, Murata GH, Servilla KS, Tzamaloukas AH, Schrader R, Bedrick EJ, Burge MR, Abumrad NA, Zager PG. Diabetes Care. Increased CD36 expression signals monocyte activation among patients with type 2 diabetes. 33(9). 2065-7. Sep 2010.

Raizada V, Skipper B, Taylor RA, Luo W, Harford AA, Zager PG, Rohrscheib M, Spalding CT. J Investig Med. Left ventricular diastolic function in patients on hemodialysis. 58(6). 791-5. Aug 2010.

Spiegel BM, Bolus R, Desai AA, Zager P, Parker T, Moran J, Bolus S, Solomon MD, Khawar O, Gitlin M, Sul H, Talley J, Nissenson A. Am J Kidney Dis. Dialysis practices that distinguish top- versus bottom-performing facilities by hemoglobin outcomes. 56(1). 86-94. Jul 2010.

## MOLECULAR GENETICS AND MICROBIOLOGY

### **Beswick, Ellen J.**

Pinchuk IV, Beswick E J, Reyes VE. *PMCID Journal. Staphylococcal EntertoxinsToxins*. 2. 2177-2197. Jul 2010.

### **Cannon, Judy L.L.**

Shaffer MH, Huang Y, Corbo E, Wu GF, Velez M, Choi JK, Saotome I, Cannon JL, McClatchey AI, Sperling AI, Maltzman JS, Oliver PM, Bhandoola A, Laufer TM, Burkhardt JK. *PLoS One. Ezrin is highly expressed in early thymocytes, but dispensable for T cell development in mice*. 5(8). pii: e12404. Aug 2010.

### **Chackerian, Bryce C.**

Li QY, Gordon MN, Chackerian B, Alamed J, Ugen KE, Morgan D. *J Neuroimmune Pharmacol. Virus-like peptide vaccines against Abeta N-terminal or C-terminal domains reduce amyloid deposition in APP transgenic mice without addition of adjuvant*. 5(1). 133-42. Mar 2010.

Caldeira Jdo C, Medford A, Kines RC, Lino CA, Schiller JT, Chackerian B, Peabody DS. *Vaccine. Immunogenic display of diverse peptides, including a broadly cross-type neutralizing human papillomavirus L2 epitope, on virus-like particles of the RNA bacteriophage PP7*. 28(27). Jun 2010.

Chackerian B. *Hum Vaccin. Virus-like particle based vaccines for Alzheimer disease*. 9;6. 11. Nov 2010.

### **Deretic, Vojo**

Klionsky DJ, Codogno P, Cuervo AM, Deretic V, Elazar Z, Fueyo-Margareto J, Gewirtz DA, Kroemer G, Levine B, Mizushima N, Rubinsztein DC, Thumm M, Tooze SA. *Autophagy. A comprehensive glossary of autophagy-related molecules and processes*. 6. 6(4). May 2010.

Blanchet FP, Moris A, Nikolic DS, Lehmann M, Cardinaud S, Stalder R, Garcia E, Dinkins C, Leuba F, Wu L, Schwartz O, Deretic V, Piguet V. *Immunity. Human immunodeficiency virus-1 inhibition of immunoamphisomes in dendritic cells impairs early innate and adaptive immune responses*. 32(5). 654-69. May 2010.

Dinkins C, Arko-Mensah J, Deretic V. *Semin Cell Dev Biol. Autophagy and HIV*. Apr 2010.

Ponpuak M, Davis AS, Roberts EA, Delgado MA, Dinkins C, Zhao Z, Virgin HW 4th, Kyei GB, Johansen T, Vergne I, Deretic V. *Immunity. Delivery of cytosolic components by autophagic adaptor protein p62 endows autophagosomes with unique antimicrobial properties*. 32(3). 329-41. Mar 2010.

Vergne I, Deretic V. *FEBS Lett. The role of PI3P phosphatases in the regulation of autophagy*. 584(7). 1313-8. Apr 2010.

Deretic V. *Curr Opin Cell Biol. Autophagy in infection*. 22(2). 252-62. Apr 2010.

Singh SB, Ornatowski W, Vergne I, Naylor J, Delgado M, Roberts E, Ponpuak M, Master S, Pilli M, White E, Komatsu M, Deretic V. Nat Cell Biol. Human IRGM regulates autophagy and cell-autonomous immunity functions through mitochondria. 12(12). 1154-65. Dec 2010. Epub 2010 Nov 21. PMID

**Edwards, Jeremy**

Xu MY, Aragon AD, Mascarenas MR, Torrez-Martinez N, Edwards JS. Biotechniques. Dual primer emulsion PCR for next-generation DNA sequencing. 48(5). 409-12. May 2010.

Hsieh MY, Yang S, Raymond-Stinz MA, Edwards JS, Wilson BS. BMC Syst Biol. Spatio-temporal modeling of signaling protein recruitment to EGFR. 6. 4:57. May 2010.

Ogunnaike BA, Gelmi CA, Edwards JS. J Theor Biol. A probabilistic framework for microarray data analysis: fundamental probability models and statistical inference. 264(2). 211-22. May 2010.

**Hall, Pamela**

Prescott J, Hall P, Acuna-Retamar M, Ye C, Wathelet MG, Ebihara H, Feldmann H, Hjelle B. PLoS One. New World hantaviruses activate IFN $\lambda$  production in type I IFN-deficient vero E6 cells. 5(6). e11159. Jun 2010.

Hall PR, Leitão A, Ye C, Kilpatrick K, Hjelle B, Oprea TI, Larson RS. Bioorg Med Chem Lett. Small molecule inhibitors of hantavirus infection. 1:20(23). 7085-91. Dec 2010.

**Mold, Carolyn**

Du Clos T W, Mold C. Current Opinion in Organ Transplantation. Pentraxins (CRP, SAP) in the process of complement activation and clearance of apoptotic bodies through Fc $\gamma$  receptors. Jul 2010. doi: 10.1097/MOT.0b013e32834253c7

**Ozbun, Michelle A.**

Song H, Moseley PL, Lowe SL, Ozbun MA. Virus Res. Inducible heat shock protein 70 enhances HPV31 viral genome replication and virion production during the differentiation-dependent life cycle in human keratinocytes. 147(1): 113-22. Jan 2010.

**Panganiban, Antonito**

Mir MA, Panganiban AT. J Virol. The triplet repeats of the Sin Nombre hantavirus 5' untranslated region are sufficient in cis for nucleocapsid-mediated translation initiation. Sep;84(17). 8937-44. Sep 2010.

**Peabody, David S.**

Caldeira Jdo C, Medford A, Kines RC, Lino CA, Schiller JT, Chackerian B, Peabody DS. Vaccine. Immunogenic display of diverse peptides, including a broadly cross-type neutralizing human papillomavirus L2 epitope, on virus-like particles of the RNA bacteriophage PP7. 28(27). Jun 2010.

**Vergne, Isabelle**

Ponpuak M, Davis AS, Roberts EA, Delgado MA, Dinkins C, Zhao Z, Virgin HW 4th, Kyei GB, Johansen T, Vergne I, Deretic V. *Immunity*. Delivery of cytosolic components by autophagic adaptor protein p62 endows autophagosomes with unique antimicrobial properties. 32(3). 329-41. Mar 2010.

Vergne I, Deretic V. *FEBS Lett*. The role of PI3P phosphatases in the regulation of autophagy. 584(7). 1313-8. Apr 2010.



## NEUROLOGY

### **Adair, John C.**

Aine CJ, Bryant JE, Knoefel JE, Adair JC, Hart B, Donahue C, Montano R, Hayek R, Qualls C, Ranken D, Stephen JM. *NeuroImage*. Different strategies for auditory word recognition in healthy versus normal aging. 49. 3319-3330. Jan 2010.

Stephen JM, Bryant JE, Montano R, Donohue C, Adair JC, Knoefel JE, Qualls C, Ranken D, Aine C, Hart B. *Journal of Neural Transmission*. Somatosensory responses in normal aging, mild cognitive impairment and Alzheimer's disease. 117. 217-225. Jan 2010.

Stephen JM, Knoefel JE, Adair J, Hart B, Aine CJ. *Neuroscience Letters*. Aging-related changes in auditory visual integration measured with MEG. 484. 76-80. Jul 2010.

Adair J, Huisa-Garate B, Rosenberg GA. *Clinical Neurology of Aging. Vascular Cognitive Impairment*. 3rd. Oxford University PR. Dec 2010.

### **Candelario-Jalil, Eduardo J.**

Schlachetzki JC, Fiebich BL, Haake E, de Oliveira AC, Candelario-Jalil E, Heneka MT, Hull M. *J Neuroinflammation*. Norepinephrine enhances the LPS-induced expression of COX-2 and secretion of PGE2 in primary rat microglia. 11. 7:2. Jan 2010.

Aid S, Silva AC, Candelario-Jalil E, Choi SH, Rosenberg GA, Bosetti F. *J Cereb Blood Flow Metab*. Cyclooxygenase-1 and -2 differentially modulate lipopolysaccharide-induced blood-brain barrier disruption through matrix metalloproteinase activity. 30(2). 370-80. Feb 2010.

Yang Y, Candelario-Jalil E, Thompson JF, Cuadrado E, Estrada EY, Rosell A, Montaner J, Rosenberg GA. *J Neurochem*. Increased intranuclear matrix metalloproteinase activity in neurons interferes with oxidative DNA repair in focal cerebral ischemia. 11291. 134-49. Jan 2010.

### **Davis, Larry E.**

Davis LE, Guerre J, Gerstein WH. *Arch Neurol*. Recurrent herpes simplex virus type 2 meningitis in elderly persons. 67(6). 759-60. Jun 2010.

Simberkoff MS, Arbeit RD, Johnson GR, Oxman MN, Boardman K, Williams H, Levin HM, Schmader KE, Gelb LD, Keay S, Neuzil K, Greenberg RN, Griffin M, Davis LE, Morrison VA, Annunziato PW. *Ann Intern Med*. Safety of herpes zoster vaccine in the shingles prevention study: A randomized trial. 152(9). 545-554. Jan 2010.

Sejvar JJ, Davis LE, Szabados E, Jackson AC. *J Neurovirol*. Delayed-onset and recurrent limb weakness associated with West Nile virus infection. 16(1). 93-100. Feb 2010.

Sadek JR, Pergam SA, Harrington JA, Echevarria LA, Davis LE, Goade D, Harnar J, Nofchissey RA, Sewell CM, Ettestad P, Haaland KY. *J Clin Exp Neuropsychol*. Persistent neuropsychological impairment associated with West Nile virus infection. 8. 1-8. Jun 2010.

Davis LE. Otolaryngology: Head and Neck Surgery. Infections of the labyrinth. 5th. Mosby/Elsevier. 2153-2163. Jan 2010.

Davis LE, King MK. American Academy of Neurology. Evaluating medical student professionalism in a neurology clinic from the patient's perspective. 74. A206. Apr 2010.

Schmader KE, Johnson GR, Saddier P, Ciareglio M, Wang WWB, Zhang ZH, Chan ISF, Yeh SS, Levin MJ, Harbecke RM, Davis LE, . J Am Geriatr Soc. Effect of a Zoster Vaccine on Herpes Zoster-Related Interference with Functional Status and Health-Related Quality of Life Measures in Older Adults. 58(9). 1634-41. Sep 2010.

Weiner WJ, Goetz CG, Shin RK, Lewis SL, Philadelphia, Lippincott, Williams, Wilkins, Davis LE. In Neurology for the Non-Neurologist. Central nervous system infections. 6th. Lippincott Williams and Wilkins. 486-498. Jul 2010.

**Ford, Corey C.**

Wynn D, Kaufman M, Montalban X, Vollmer T, Simon J, Elkins J, O'Neill G, Neyer L, Sheridan J, Wang C, Fong A, Rose JW, CHOICE investigators. Lancet Neurol. Daclizumab in active relapsing multiple sclerosis (CHOICE study): a phase 2, randomised, double-blind, placebo-controlled, add-on trial with interferon beta. Apr 2010.

Ford C, Goodman AD, Johnson K, Kachuck N, Lindsey JW, Lisak R, Luzzio C, Myers L, Panitch H, Preiningerova J, Pruitt A, Rose J, Rus H, Wolinsky J. Continuous long-term immunomodulatory therapy in relapsing multiple sclerosis: results from the 15-year analysis of the US prospective open-label study of glatiramer acetate. Mar 2010.

**Huisa-Garate, Branko**

Meyer BC, Raman R, Ernstrom K, Tafreshi GM, Huisa B, Stemer AB, Hemmen TM. J Stroke Cerebrovasc Dis. Assessment of Long-Term Outcomes for the STRoKE DOC Telemedicine Trial. Sep 2010.

**King, Molly K.**

Davis LE, King MK. American Academy of Neurology. Evaluating medical student professionalism in a neurology clinic from the patient's perspective. 74. A206. Apr 2010.

**Paul, Surojit**

Deb I, Poddar R, Paul S. Neurochemistry. Oxidative stress induced oligomerization inhibits the activity of the non-receptor tyrosine phosphatase STEP(61). 1471-4159. Dec 2010.

Poddar R, Deb I, Mukherjee S, Paul S. Neurochem. NR2B-NMDA receptor mediated modulation of the tyrosine phosphatase STEP regulates glutamate induced neuronal cell death. 115(6). 1350-62. Dec 2010.

**Poddar, Ranjana**

Poddar R, Deb I, Mukherjee S, Paul S. *Neurochem.* NR2B-NMDA receptor mediated modulation of the tyrosine phosphatase STEP regulates glutamate induced neuronal cell death. 115(6). 1350-62. Dec 2010.

Deb I, Poddar R, Paul S. *Neurochemistry.* Oxidative stress induced oligomerization inhibits the activity of the non-receptor tyrosine phosphatase STEP(61). 1471-4159. Dec 2010.

**Posse, Stefan**

Martinez-Ramon M, Gallardo-Antolin A, Heileman G, Yung KT, Zhen W, Zhao C, Posse S. *Magnetic Resonance in Medicine.* Automatic Outer Volume Suppression (OVS) Slice Placement for Proton-Echo-Planar-Spectroscopic-Imaging (PEPSI). 63. 592-600. Feb 2010.

Zhao C, Bolan P, Lakkadi N, Sillerud L, Royce M, Wallace AM, Eberhardt S, Heintz P, Lomo L, Posse S. *Poster.* Total Choline Measurement in Human Breast Using High-Speed MR Spectroscopic Imaging at 3T. P2-06-16. Dec 2010.

**Rosenberg, Gary A.**

Yang Y, Candelario-Jalil E, Thompson JF, Cuadrado E, Estrada EY, Rosell A, Montaner J, Rosenberg GA. *J Neurochem.* Increased intranuclear matrix metalloproteinase activity in neurons interferes with oxidative DNA repair in focal cerebral ischemia. 11291. 134-49. Jan 2010.

Wakisaka Y, Chu Y, Miller JD, Rosenberg GA, Heistad DD. *Stroke.* Critical Role for Copper/Zinc-Superoxide Dismutase in Preventing Spontaneous Intracerebral Hemorrhage During Acute and Chronic Hypertension in Mice. Apr 2010.

Walker EJ, Rosenberg GA. *J Neurosci Res.* Divergent role for MMP-2 in Myelin breakdown and oligodendrocyte death following transient global ischemia. Mar 2010.

Wakisaka Y, Chu Y, Miller JD, Rosenberg GA, Heistad DD. *J Cereb Blood Flow Metab.* Spontaneous intracerebral hemorrhage during acute and chronic hypertension in mice. Jan 2010.

Aid S, Silva AC, Candelario-Jalil E, Choi SH, Rosenberg GA, Bosetti F. *J Cereb Blood Flow Metab.* Cyclooxygenase-1 and -2 differentially modulate lipopolysaccharide-induced blood-brain barrier disruption through matrix metalloproteinase activity. 30(2). 370-80. Feb 2010.

**Yang, Yi**

Yang Y, Candelario-Jalil E, Thompson JF, Cuadrado E, Estrada EY, Rosell A, Montaner J, Rosenberg GA. *J Neurochem.* Increased intranuclear matrix metalloproteinase activity in neurons interferes with oxidative DNA repair in focal cerebral ischemia. 11291. 134-49. Jan 2010.

## NEUROSCIENCES

### **Caldwell, Kevin K.**

Savage DD, Rosenberg MJ, Wolff CR, Akers KG, El-Emawy A, Staples MC, Varaschin RK, Wright CA, Seidel JL, Caldwell KK, Hamilton DA. Alcohol Clin Exp Res. Effects of a Novel Cognition-Enhancing Agent On Fetal Ethanol-Induced Learning Deficits. 34(10). 1793-802. Oct 2010.

### **Connor, John A.**

Paul S, Connor JA. J Neurochem. NR2B-NMDA receptor-mediated increases in intracellular Ca<sup>2+</sup> concentration regulate the tyrosine phosphatase, STEP, and ERK MAP kinase signaling. 114(4). 1107-18. Aug 2010.

Bragin DE, Zhou B, Ramamoorthy P, Müller WS, Connor JA, Shi H. J Cereb Blood Flow Metab. Differential changes of glutathione levels in astrocytes and neurons in ischemic brains by two-photon imaging. 30(4). 734-8. Apr 2010.

### **Cunningham, Lee Anna**

Li L, Harms KM, Ventura PB, Lagace DC, Eisch AJ, Cunningham LA. Glia. Focal cerebral ischemia induces a multilineage cytogenic response from adult subventricular zone that is predominantly gliogenic. 58(13). 1610-9. Oct 2010.

Roitbak T, Surviladze Z, Cunningham LA. Cell Mol Neurobiol. Continuous Expression of HIF-1 $\alpha$  in Neural Stem/Progenitor Cells. 31(1). 119-33. Jan 2010.

Harms KM, Li L, Cunningham LA. PLoS One. Murine neural stem/progenitor cells protect neurons against ischemia by HIF-1 $\alpha$ -regulated VEGF signaling. 5(3). e9767. Mar 2010.

### **Milligan, Erin D.**

Soderquist RG, Sloane EM, Loram LC, Harrison JA, Dengler EC, Johnson SM, Amer LD, Young CS, Lewis MT, Poole S, Frank MG, Watkins LR, Milligan ED, Mahoney MJ. Pharm Res. Release of plasmid DNA-encoding IL-10 from PLGA microparticles facilitates long-term reversal of neuropathic pain following a single intrathecal administration. 27(5). 841-54. May 2010.

Soderquist RG, Milligan ED, Harrison JA, Chavez RA, Johnson KW, Watkins LR, Mahoney MJ. J Biomed Mater Res A. PEGylation of interleukin-10 for the mitigation of enhanced pain states. 93(3).

### **Partridge, L. Donald**

Scullin CS, Wilson MC, Partridge LD. Eur J Neurosci. Developmental changes in presynaptic Ca<sup>2+</sup> clearance kinetics and synaptic plasticity in mouse Schaffer collateral terminals. 31(5). 817-26. Mar 2010.

Scullin CS, Partridge LD. Cell Calcium. Contributions of SERCA pump and ryanodine-sensitive stores to presynaptic residual Ca<sup>2+</sup>. 47(4). 326-38. Apr 2010. Schiess AR, Scullin C, Partridge LD. Eur J Neurosci. Maturation of Schaffer collateral synapses generates a phenotype of unreliable basal evoked release and very reliable facilitated release. 31(8). 1377-87. Apr 2010.

**Perrone-Bizzozero, Nora I.**

Liu J, Hutchison K, Perrone-Bizzozero N, Morgan M, Sui J, Calhoun V. PLoS One. Identification of genetic and epigenetic marks involved in population structure. 5(10). e13209. Oct 2010.

Rosenberg MJ, Wolff CR, El-Emawy A, Staples MC, Perrone-Bizzozero NI, Savage DD. Alcohol. Effects of moderate drinking during pregnancy on placental gene expression. 44(7-8). 673-90. Nov 2010.

Bolognani F, Contente-Cuomo T, Perrone-Bizzozero NI. Nucleic Acids Res. Novel recognition motifs and biological functions of the RNA-binding protein HuD revealed by genome-wide identification of its targets. 38(1). 117-30. Jan 2010.

Bitel CL, Perrone-Bizzozero NI, Frederikse PH. Mol Vis. HuB/C/D, nPTB, REST4, and miR-124 regulators of neuronal cell identity are also utilized in the lens. 16. 2301-2316. Nov 2010.

**Savage II, Daniel D.**

Savage DD, Rosenberg MJ, Wolff CR, Akers KG, El-Emawy A, Staples MC, Varaschin RK, Wright CA, Seidel JL, Caldwell KK, Hamilton DA. Alcohol Clin Exp Res. Effects of a Novel Cognition-Enhancing Agent On Fetal Ethanol-Induced Learning Deficits. 34(10). 1793-802. Oct 2010.

Rosenberg MJ, Wolff CR, El-Emawy A, Staples MC, Perrone-Bizzozero NI, Savage DD. Alcohol. Effects of moderate drinking during pregnancy on placental gene expression. 44(7-8). 673-90. Nov 2010.

Hamilton DA, Candelaria-Cook FT, Akers KG, Rice JP, Maes LI, Rosenberg M, Valenzuela CF, Savage DD. Behav Brain Res. Patterns of social-experience-related c-fos and Arc expression in the frontal cortices of rats exposed to saccharin or moderate levels of ethanol during prenatal brain development. 214(1). 66-74. Dec 2010.

Varaschin RK, Akers KG, Rosenberg MJ, Hamilton DA, Savage DD. J Pharmacol Exp Ther. Effects of the cognition-enhancing agent ABT-239 on fetal ethanol-induced deficits in dentate gyrus synaptic plasticity. 334(1). 191-8. Jul 2010.

**Shuttleworth, Claude W.**

Carter RE, Weiss JH, Shuttleworth CW. Neuroreport. Zn<sup>2+</sup> chelation improves recovery by delaying spreading depression-like events. 21(16). 1060-4. Nov 2010.

Shuttleworth CW. Neurochem Int. Use of NAD(P)H and flavoprotein autofluorescence transients to probe neuron and astrocyte responses to synaptic activation. 56(3). 379-86. Feb 2010.

**Valenzuela, Carlos F.**

Valenzuela CF, Lindquist B, Zamudio-Bulcock PA. Int Rev Neurobiol. A review of synaptic plasticity at Purkinje neurons with a focus on ethanol-induced cerebellar dysfunction. 91. 339-72. Apr 2010.

Hamilton DA, Candelaria-Cook FT, Akers KG, Rice JP, Maes LI, Rosenberg M, Valenzuela CF, Savage DD. Behav Brain Res. Patterns of social-experience-related c-fos and Arc expression in the frontal cortices of rats exposed to saccharin or moderate levels of ethanol during prenatal brain development. 214(1). 66-74. Dec 2010.

Puglia MP, Valenzuela CF. Alcohol. Repeated third trimester-equivalent ethanol exposure inhibits long-term potentiation in the hippocampal CA1 region of neonatal rats. 44. 283-90. May 2010.

Puglia MP, Valenzuela CF. Alcohol Clin Exp Res. Ethanol Acutely Inhibits Ionotropic Glutamate Receptor-Mediated Responses and Long-Term Potentiation in the Developing CA1 Hippocampus. 34. 594-606. Apr 2010.

Zucca S, Valenzuela CF. J Neurosci. Low Concentrations of Alcohol Inhibit BDNF-Dependent GABAergic Plasticity via L-type Ca<sup>2+</sup> channel Inhibition in Developing CA3 Hippocampal Pyramidal Neurons. 30. 6776-81. May 2010.

Botta P, Simões de Souza F, Sangrey T, De Schutter E, Valenzuela CF. Neuropsychopharmacology. Alcohol Excites Cerebellar Golgi Cells by Inhibiting the Na<sup>+</sup>/K<sup>+</sup> ATPase. 35. 1984-96. Aug 2010.

Van Skike CE, Botta P, Chin VS, Tokunaga S, McDaniel JM, Venard J, Diaz-Granados JL, Valenzuela CF, Matthews DB. Alcohol Clin Exp Res. Behavioral effects of ethanol in cerebellum are age dependent: potential system and molecular mechanisms. 34. 2070-80. Dec 2010.

Zamudio-Bulcock PA, Valenzuela CF. Neuroscience. Pregnenolone sulfate increases glutamate release at neonatal climbing fiber-to-Purkinje cell synapses. Dec 2010.

### **Wilson, Michael C.**

Scullin CS, Wilson MC, Partridge LD. Eur J Neurosci. Developmental changes in presynaptic Ca<sup>2+</sup> clearance kinetics and synaptic plasticity in mouse Schaffer collateral terminals. 31(5). 817-26. Mar 2010.

BasuRay S., Mukherjee S., Romero E., Wilson M.C., Wandinger-Ness A. PloS ONE. Rab 7 Mutants Associated with Charcot-Marie-Tooth Disease Exhibit Enhanced NGF-Stimulated Signaling. 5(12). e15351. Dec 2010.

### **Zhao, Xinyu**

Smrt RD, Szulwach KE, Pfeiffer RL, Li X, Guo W, Pathania M, Teng ZQ, Luo Y., Peng J, Bordey A, Jin P, Zhao X. Stem Cells. MicroRNA miR-137 regulates neuronal maturation by targeting ubiquitin ligase mind bomb-1. 28(6). 1060-70. Jun 2010.

Liu C, Teng ZQ, Santistevan NJ, Szulwach KE, Guo W, Jin P, Zhao X. Cell Stem Cell. Epigenetic regulation of miR-184 by MBD1 governs neural stem cell proliferation and differentiation. 6(5). 433-44. May 2010.

Luo Y, Shan G, Guo W, Smrt RD, Johnson EB, Li X, Pfeiffer RL, Szulwach KE,, Duan R, Barkho BZ, Li W, Liu C, Jin P, Zhao X. PLoS Genet. Fragile x mental retardation protein regulates proliferation and differentiation of adult neural stem/progenitor cells. 6(4). e1000898. Apr 2010.

Szulwach KE, Li X, Smrt RD, Li Y, Luo Y, Lin L, Santistevan NJ, Li W, Zhao X, Jin P. J Cell Biol. Cross talk between microRNA and epigenetic regulation in adult neurogenesis. 189(1). 127-41. Apr 2010.

Shi Y, Zhao X, Hsieh J, Wichterle H, Impey S, Banerjee S, Neveu P, Kosik KS. J Neurosci. MicroRNA regulation of neural stem cells and neurogenesis. 30(45). 14931-6. Nov 2010.

## NEUROSURGERY

### **Jung, Rex E.**

Jung RE, Segall JM, Bockholt HJ, Chavez RS, Flores R, Haier RJ. Human Brain mapping. Neuroanatomy of Creativity. 31 (3). 398-409. Mar 2010.

Michael AM, Baum SA, Demerci O, Andreasen NC, Segall J, Jung RE, Pearlson G, Clark VP, Gollub RL, Schulz SC, Roffman HL, Lim KO, White T, Ho B, Calhoun VD, Bockholt HJ. NeuroImage. Does function Follow Form? methods to Fuse Structural and Functional Brain Images Show Decreased Linkage in Schizophrenia. 49(3). 2626-37. Feb 2010.

Jung RE, Grazioplene R, Caprihan A, Chavez RS, Haier RJ. Public Library of Science ONE. White matter integrity, creativity, and psychopathology: Disentangling constructs with diffusion tensor imaging. 5 (3). e9818. Mar 2010.

Bustillo JR, Rowland LM, Mullins PG, Jung RE, Chen H, Qualls C, Hammond R, Brooks WM, Lauriello J. Molecular Psychiatry. 1H-MRS at 4 Tesla in Minimally Treated Early Schizophrenia. 15(6). 629-36. Jun 2010.

Sponheim SR, Jung RE, Seidman LJ, Mesholam-Gateley R, Manoach DS, O'Leary DS, Ho BC, Andreasen NC, Lauriello J, Schulz SC. Journal of Psychiatric Research. Cognitive deficits in recent-onset and chronic schizophrenia. 44(7). 421-8. May 2010.

Arden R, Chavez RC, Grazioplene R, Jung R. Behavioural Brain Review. Neuroimaging Creativity: a psychometric view. 2. 143-. Dec 2010.

Brooks WM, Sibbit WL, Kornfeld M, Jung RE, Bankhurst AD, Roldan CA. Arthritis and Rheumatism. The Histopathologic Associates of Neurometabolite Abnormalities in Fatal Neuropsychiatric Systemic Lupus Erythematosus. (62)7. 2055-. Jul 2010.

Jung RE, Caprihan A, Chavez RS, Flores RA, Sharrar J, Qualls C, Sibbit WJ, Roldan CA. BMC Neurology. Diffusion Tensor Imaging in Neuropsychiatric Systemic Lupus Erythematosus. 10:65. Jul 2010.

### **Malkoff, Marc D.**

Shi ZS, Loh Y, Walker G, Duckwiler GR, and Multi-MERCI Investigators(Malkoff M). Stroke. Endovascular thrombectomy for acute ischemic stroke in failed intravenous tissue plasminogen activator versus non-intravenous tissue plasminogen activator patients: revascularization and outcomes stratified by the site of arterial occlusions. 41 (6). 1185-92. Jun 2010.

Shi ZS, Loh Y, Walker G, Duckwiler GR, and Multi-MERCI investigators(Malkoff M). Stroke. Clinical outcomes in middle cerebral artery trunk occlusions versus secondary division occlusions after mechanical thrombectomy: pooled analysis of the Mechanical Embolus Removal in Cerebral Ischemia (MERCI) and Multi-MERCI trials. 41 (5). 953-60. May 2010.



**Mueller, Wolfgang**

Bragin DE, Zhou B, Ramamoorthy P, Muller WS, Connor JA, Shi H. Journal Cerebral Blood Flow Metabolism. Differential changes of glutathione levels in astrocytes and neurons in ischemic brains by two-photon imaging. 30(4). 734-8. Apr 2010.

**Nemoto, Edwin**

Uchino K, Lin R, Zaidi SF, Kuwabara H, Sashin D, Bircher N, Chang YF, Hammer MD, Reddy V, Jovin T, Vora N, Jumma M, Boada F, Yonas H, Nemoto EM. Translational Stroke Research. Increased Cerebral Oxygen Metabolism and Ischemic Stress in Subjects with Metabolic Syndrome-Associated Risk Factors: Preliminary Observations. 1. 178-183. May 2010.

Foley LM, Hitchens K, Barbe G, Zhang F, Ho C, Rao GR, Nemoto EM. Translational Stroke Research. Quantitative Temporal Profiles of Penumbra and Infarction during Permanent Middle Cerebral Artery Occlusion in Rats. 1. 220-229. Jul 2010.

King C, Robinson T, Dixon CE, Rao GR, Larnard D, Nemoto EM. Journal of Neurotrauma. Brain Temperature Profiles during Epidural Cooling with the ChillerPat in a Monkey Model of Traumatic Brain Injury. 1895-1903. Oct 2010.

**Roitbak, Tamara**

Boucher CA, Ward HH, Case RL, Thurston KS, Li X, Needham A, Romero E, Hyink D, Qamar S, Roitbak T, Powell S, Ward C, Wilson PD, Wandinger-New A, Sanford RN. Biochem Biophys Acta. Receptor protein tyrosine phosphatases are novel components of a polycystin complex. Jul 2010.

Roitbak T, Surviladze A, Cunningham LA. Cell Mol Neurobiol. Continuous Expression of HIF-1 $\alpha$  in Neural Stem/Progenitor Cells. 1. 119-33. Sep 2010.

**Stippler, Martina**

Carlson AP, Ramirez P, Kennedy G, McLean RA, Murray-Krezan C, Stippler M. Neurosurgery Focus. Low rate of delayed deterioration requiring surgical treatment in patients transferred to a tertiary care center for mild traumatic brain injury. 29 (5):E3. Nov 2010.

## OBSTETRICS AND GYNECOLOGY

### **Clokey, Diana E.**

Moore LE, Clokey D, Rappaport VJ, Curet L. *Obstet Gynecol.* Metformin compared with glyburide in gestational diabetes: a randomized controlled trial. 115. 55-9. Jan 2010.

### **Cole, Laurence A.**

Cole LA, Muller CY. *Gynecol Oncol.* Hyperglycosated hCG in the management of quiescent and chemorefractory gestational trophoblastic diseases. 116. 3-9. Jan 2010.

Cole LA. *Placenta.* Hyperglycosylated hCG, A Review. 8. 653-664. Aug 2010.

### **Curet, Luis B.**

Moore LE, Clokey D, Rappaport VJ, Curet L. *Obstet Gynecol.* Metformin compared with glyburide on gestational diabetes: a randomized controlled trial. 115. 55-9. Jan 2010.

### **De La Torre, Lesley**

Flick A, de la Torre L, Roca L.E., Istwan N, Rhea D, Desch C, Gonzalez-Quintero VH. *Am J Perinatol.* An examination of the clinical benefits and cost-effectiveness of tocolytic replacement following recurrent preterm labor. 27. 53-60. Jan 2010.

Flick A, Brookfield K, de la Torre L, Tudela C, Duthely L, Gonzalez-Quintero VH. *Am J Perinatol.* Excessive weight gain among obese women and pregnancy outcomes. 27. 333-8. Jan 2010.

### **Dunivan, Gena C.**

Parnell BP, Dunivan GC, Geller EJ, Connolly AC. *Int Urogynecol J Pelvic Floor Dysfunc.* A Novel Approach to Teaching the Pelvic Organ Prolapse Quantification (POPQ) Exam. Oct 2010.

Parnell BP, Dunivan GC, Connolly AC, Janneli MJ, Wells EC, Geller EJ. *Int Urogynecol J Pelvic Floor Dysfunc.* Validation of Web-Based Administration of the Pelvic Organ Prolaps/Urinary Incontinence Sexual Function Questionnaire (PISQ-12). Oct 2010.

### **Espey, Eve**

Cullimore AJ, Dalrymple JL, Dugoff L, Hueppchen NA, Casey PM, Chuang AW, Espey EL, Hammoud MM, Kaczmarczyk JM, Katz NT, Nuthalapaty FS, Peskin EG. *J Obstet Gynaecol Can.* The Obstetrics and Gynaecology Resident as Teacher. 32. 1176-1185. Dec 2010.

Ogburn T, Philipp BL, Espey E, Merewood A, Espindola D. *J Hum Lact.* Assessment of Breastfeeding Information in General Obstetrics and Gynecology Textbooks. Sep 2010.

Chuang AW, Nuthalapaty FS, Casey PM, Kaczmarczyk JM, Cullimore AD, Dalrymple JL, Dugoff L, Espey EL, Hammoud MM, Huppchen NA, Katz NT, Peskin EG. Am J Obstet Gynecol. To the Point: Reviews in Medical Education- Taking Control of the Hidden Curriculum. 203. E1-6. Oct 2010.

Jordan B, Espey E, Godfrey EM. Contraception. Improving Patient Care and Reducing Unintended Pregnancy: Translating New Guidelines into Effective Practice. 82. 1-2. Jul 2010.

**Hammil, Sarah L.**

Slavin S, Rogers RG, Komesu YM, Omotosho T, Hammil S, Lewis C Spaien R. Int Urogynecol J Pelvic Floor Dysfunct. Complementary and alternative medicine (CAM) use in women with pevlvic floor disorders: a cohort study. 21. 431-7. Jan 2010.

Molden S, Patterson D, Tarr M, Sanses T, Bracken J, Nguyen A, Harvie HS, White A, Hammil SL, Murphy M, Rogers RG. Int Urogynecol J Peliv Floor Dysfunc. Risk factors leading to midurethral sling revision: a multicenter case control study. 21. 1253-9. Oct 2010.

**Komesu, Yuko M.**

Slavin S, Rogers RG, Komesu YM, Omotosho T, Hammil S, Lewis C Sapien R. Int Urogynecol J Pelvic Floor dynfunc. Complementary and alternative medicine (CAM) use in women with pevlvic floor disorders: a cohort study. 21. 431-7. Jan 2010.

**Kulkarni, Mamta M.**

Kulkarni MM, Rogers RG. Clin Obstet Gynecol. Vaginal hysterectomy for benign disease without prolapsed. 53. 5-16. Jan 2010.

Kulkarni M, Rogers RG. The Female Patient. Hysterectomy with or without oophorectomy. 35. 16-21. Aug 2010.

**Moore, Lisa E.**

Moore LE, Clokey D, Rappaport VJ, Curet L. Obstet Gynecol. Metformin compared with glyburide in gestational diabetes: a randomized controlled trial. 115. 55-9. Jan 2010.

**Muller, Carolyn Y.**

De Geest K, Blessing JA, Morris RT, Yamada SD, Monk BJ, Zweizig SL, Matei D, Muller CY, Richards WE. Clin Oncol. Phase II clinical trial of ixabepilone in patients with recurrent or persistent platinum- and taxane-resistant ovarian or primary peritoneal cancer: a gynecologic oncology group study. 28. 149-53. Jan 2010.

Cole LA, Muller CY. Gynecol Oncol. Hyperglycosylated hCG in the management of quiescent and chemorefractory gestational trophoblastic diseases. 116. 3-9. Jan 2010.

Zeineldin R, Muller CY, Stack MS, Hudson LG. J Oncol. Targeting the EGF receptor for ovarian cancer therapy. 2010. 11 pp. Jan 2010.

Joste N, Devers K, Heckman S, Muller CY. Int J Gynecol Pathol. Perineal Nodular Induration: Trauma-induced vulvar mass in a female equestrian. 29. 398-401. Jul 2010.

Cole LA, Laidler LL, Muller CY. Clinical Chemistry. USA hCG Reference Service, 10 year Report. 43. Aug 2010.

Muller CY. Obstetrics and Gynecology. Doctor Should I Get This New Ovarian cancer Test-OVA1?. 116. 246-247. Aug 2010.

Policht FA, Song M, Sitailo S, O'Hare A, Ashfaq R, Muller CY, Morrison LE, King W, Sokolova IA. BMC Cancer. Analysis of genetic copy number changes in cervical disease progression. 16. 432. Aug 2010.

Rutledge TL, Heckman SR, Qualls C, Muller CY, Rogers RG. Am J Obstet Gynecol. Pelvic floor disorders and sexual function in gynecologic cancer survivors: a cohort study. 203. 514. Nov 2010.

**Ogburn, Joseph A.**

Ogburn T, Philipp BL, Espey E, Merewood A, Espindola D. J Hum Lact. Assessment of Breastfeeding Information in General Obstetrics and Gynecology Textbooks. Sep 2010.

**Rappaport, Valerie J.**

Moore LE, Clokey D, Rappaport VJ, Curet L. Obstet Gynecol. Metformin compared with glyburide in gestational diabetes: a randomized controlled trial. 115. 55-9. Jan 2010.

**Rayburn, William F.**

LaMonica, GE, Seifert SA, Rayburn WF. J Reprod Med. Rattlesnake bites in pregnant women. 55. 520-2. Dec 2010.

Rayburn WF, Anderson BL, Johnson JV, McReynolds MA, Schulkin J. Obstet Gynecol. Trends in the academic workforce of obstetrics and gynecology. 115. 141-6. Jan 2010.

Buckley PF, Rayburn WF. Am J Psychiatry. The care and feeding of chairs of departments of psychiatry. 167. 1-2. Jan 2010.

Rayburn WF. Dept Chair. Emerging importance of interim department chairs. 20. 7-9. Jan 2010.

**Rogers, Rebecca G.**

Kulkarni MM, Rogers RG. Clin Obstet Gynecol. Vaginal hysterectomy for benign disease without prolapsed. 53. 5-16. Jan 2010.

Slavin S, Rogers RG, Komesu YM, Omotosho T, Hammil S, Lewis C Sapien R. Int Urogynecol J Pelvic Floor Dysfunc. Complementary and alternative medicine (CAM) use in women with pelvic floor disorders: a cohort study. 21. 431-7. Jan 2010.

Schimpf MO, Harvie HS, Omotosho TB, Epstein LB, Jean-Michel M, Olivera CK, Rooney KE, Balgobin S, Ibeanu OA, Gala RB, Rogers RG, and for the Society of Gynecologic Surgeons Fellows' Pelvic Research Network. *Int J Gynecol J Pelvic Floor Dysfunc*. Does vaginal size impact sexual activity and function? 21. 447-52. Jan 2010.

Aschkenazi SO, Rogers RG, Beaumont J, Botros SM, Sand PK, Goldberg RP. *Female Pelvic Med Reconstr Surg*. A valid form of the PISQ-12, the PISQ-9, for use in comparative studies of women with and without pelvic organ prolapse and/or urinary incontinence. 16. 218-223. Aug 2010.

Rutledge TL, Heckman SR, Qualls C, Muller CY, Rogers RG. *Am J Obstet Gynecol*. Pelvic floor disorders and sexual function in gynecologic cancer survivors: a cohort study. 206. E1-7. Nov 2010.

Kulkarni M, Rogers RG. *The Female Patient*. Hysterectomy with or without oophorectomy. 35. 16-21. Aug 2010.

Rahn DD, Abed H, Sung VW, Matteson KA, Rogers RG, MOrrill MY, Barber MD, Schaffer JI, Wheeler TL 2nd, Balk EM, Uhlig K, for the Society of Gynecologic Surgeons -- Systematic Review Group. *J Clin Epidemiol*. Systematic review highlights difficulty interpreting diverse clinical outcomes in abnormal uterine bleeding trials. Aug 2010.

Molden S, Patterson D, Tarr M, Sanses T, Bracken J, Nguyen A, Harvie HS, White A, Hammil SA, Murphy M, Rogers RG. *Int Urogynecol J Pelvic Floor Dysfunc*. Risk factors leading to midurethral sling revision: a multicenter case-control study. 10. 1253-9. Oct 2010.

**Rutledge, Teresa L.**

Rutledge TL, Heckman SR, Qualls C, Muller CY, Rogers RG. *Am J Obstet Gynecol*. Pelvic floor disorders and sexual function in gynecologic cancer survivors: a cohort study. 203. 514. Nov 2010.

## ORTHOPAEDICS AND REHABILITATION

### **Benson, Eric C.**

Benson EC, MacDermid JC, Drosdowech DS, Athwal GS. Arthroscopy. 3. The incidence of early metallic suture anchor pullout after arthroscopic rotator cuff repair. (3):310-5. Mar 2010.

Benson EC, Drosdowech DS. J. Orthop Surg Res. 4. Metastatic breast carcinoma of the coracoid process: two case reports. 5:22. Mar 2010.

### **Cheema, Tahseen A.**

Cheema TA, Sohail M. Orthopedic Management of Patients with Hemophilia in Developing Countries. Forearm Wrist and Hand in Patient with Hemophilia. 155-162. Jul 2010.

Cheema T A, Swanson S. American Association for Hand Surgery. Hand Involvement in Navajo Neurohepatopathy. Nov 2010.

### **Dieruf, Kathryn A.**

Poole J L, Nakamoto T, McNulty T, Montoya J, Weill D, Dieruf, K, Skipper B. Occupational Therapy in Health Care. Dexterity, visual perception and activities of daily living in persons with multiple sclerosis. 24. 159-170. Jul 2010.

### **Mercer, Deana**

Afifi AM, Richards A, Medoro A, Mercer D, Moneim M. Journal of Hand Surgery. The extensor tendon splitting approach to the proximal interphalangeal joint: do we need to reinsert the central slip? (E) 35E:3. 188-191. Jul 2010.

Mercer D, Firoozbakhsh K, Prevost M, Mulkey P, DeCoster TA, Schenck R. Journal of Orthopaedic Trauma. Stiffness of knee-spanning external fixation systems for traumatic knee dislocations: a biomechanical study. 24(11). 693-696. Dec 2010.

Saltzman MD, Mercer D, Warme WJ, Bertelsen AL, Matsen FA. J. of Bone and Joint Surgery (Am). Comparison of patients undergoing primary shoulder arthroplasty before and after the age of fifty. 92. 42-47. Nov 2010.

### **Miller, Richard Alan**

Miller RZ, Ankle Injuries, In: Drennan J and McCarthy eds. The Child's Foot and Ankle. Lippincott Williams and Wilkins, Philadelphia, PA, 2010; pp 261-269. The Child's Foot and Ankle. Ankle Injuries. 261-269. Jan 2010.

### **Moneim, Moheb S.**

Afifi AM, Richards A, Medoro A, Mercer D, Moneim M. Journal of Hand Surgery. The extensor tendon

splitting approach to the proximal interphalangeal joint: do we need to reinsert the central slip? (E) 35E:3. 188-191. Jul 2010.

**Paterson, Andrew J.**

Jim A. Youssef, Stacey L. Forsythe, Nicole Glover, and Andrew J. Paterson. Cervical Spine Trauma. Rheumatoid Arthritis. Wolter Kluwer Pharma Solutions. 7. Jan 2010.

**Provost, Elizabeth M.**

Provost B, Crowe TK, Osbourn PL, McClain C, Skipper BJ. Physical and Occupational therapy in Pediatrics. Mealtime Behaviors of Preschool Children: Comparison of Children with Autism Spectrum Disorder and Children with Typical Development. 30 (3). 220-233. Jul 2010.

**Schenck, Jr., Robert C.**

Mercer D, Lacovara A, Schenck RC Jr. Netter's Sports Medicine. Acute Fractures and Dislocations in Athletes. Saunders Elsevier, Inc. 445-454. Jan 2010.

Richter DL, Wascher DC, Schenck RC Jr. Noyes' Knee Disorders: Surgery, Rehabilitation, Surgical Outcomes. Classification of Knee Dislocations. Saunders Elsevier, Inc. 711-719. Jan 2010.

Stannard JP, Schenck, RC Jr., Fanelli GP. Rockwood and Green's Fractures in Adults. Knee Dislocations and Fracture-Dislocations. 7. Lippincott Williams and Wilkins. 1832-1866. Jan 2010.

Hobby B, Treme G, Wascher D, Schenck S. Operative Techniques in Sports Medicine. How I Managed Knee Dislocations. Volume 18, Issue 4. 227-234. Dec 2010.

Mercer D, Keikhosrow F, Prevost M, Mulkey P, DeCoster T, Schenck R. Journal of Orthopaedic Trauma. Stiffness of Knee-Spanning External Fixation Systems for Traumatic Knee Dislocations: A Biomechanical Study. 24, Number 11. 693-696. Nov 2010.

**Szalay, Elizabeth A.**

Szalay EA, Cheema A. Clinical Orthopaedics and Related Research. Children with Spina Bifida are at Risk for Low Bone Density. Nov 2010.

Szalay EA. Journal of Pediatric Orthopaedics. Femoral Nerve Palsy and Hip Instability in Infants With Breech Birth Presentation: A Review of the Literature and Report of 2 Cases. 30. 739-741. Oct 2010.

**Treme, Gehron P.**

Treme G, Hobby B, Wascher D, Schenck R. Operative Techniques in Sports Medicine. How I Manage Knee Dislocations. 18(4). 227-234. Dec 2010.

## PATHOLOGY

### **Barry, Michelle B.**

Olson K, Barry MB. American Society of Clinical Pathology Check Sample. Bacterial Meningitis at Autopsy. 52. 4. Apr 2010.

### **Bearer, Elaine L.**

Zhang XW, Bearer EL, Boulat B, Hall FS, Uhl GR, Jacobs RE. PLoS One. Altered Neurocircuitry in the Dopamine Transporter Knock Out Mouse Brain. 9:5(7). e11506. Jul 2010.

Zhang XW Bearer EL Perles-Barbacarnu A Jacobs RJ. Magnetic Resonance in Medicine. Increased anatomical detail by in vitro MR microscopy with a modified Golgi impregnation method. 63. 1391-1397. Jan 2010.

Brown WD Bearer EL Donohue JE. Journal of Child Neurology. Chronic active herpes simplex type 2 in an asymptomatic immunocompetent child. 25(7). 901-8. Feb 2010.

### **Buranda, Tione**

Buranda T, Wu Y, Perez D, Jett SD, Bondu Hawkins V, Ye C, Edwards B, Hall P, Larson RS, Lopez GP, Sklar LA, Hjelle B. Anal Biochem. Recognition of decay accelerating factor and alpha(v)beta(3) by inactivated hantaviruses: Toward the development of high-throughput screening flow cytometry assays. 15; 402(2). 151-60. Jul 2010.

### **Cerilli, Lisa J.**

Tran H, Medina-Flores R, Cerilli LA, Phelps J, Lee FC, Wong G, Turner P. Journal of Neuro-Oncology. Primary disseminated central neurocytoma: cytological and MRI evidence of tumor spread prior to surgery. Mar 2010.

### **Chen, I-Ming**

Harvey RC, Mullighan CG, Wang X, Dobbin KK, Davidson GS, Bedrick EJ, Chen IM, Atlas SR, Kang H, Ar K, Wilson CS, Wharton W, Murphy M, Devidas M, Carroll AJ, Borowitz MJ, Bowman WP, Downing JR, Relling M, Yang J, Bhojwani D, Carroll WL, Camitta B, Reaman GH, Smith M, Hunger SP, Willman CL. Blood. Identification of novel cluster groups in pediatric high-risk B-precursor acute lymphoblastic leukemia with gene expression profiling: correlation with genome-wide DNA copy number alterations, clinical characteristics, and outcome. 116(23). 4874-84. Dec 2010.

Harvey RC, Mullighan CG, Chen IM, Wharton W, Mikhail FM, Carroll AJ, Kang H, Liu W, Dobbin KK, Smith MA, Carroll WL, Devidas M, Bowman WP, Camitta BM, Reaman GH, Hunger SP, Downing JR, Willman CL. Blood. Rearrangement of CRLF2 is associated with mutation of JAK kinases, alteration of IKZF1, Hispanic/Latino ethnicity, and a poor outcome in pediatric B-progenitor acute lymphoblastic leukemia. 115(26). 5312-21. Jul 2010.



Kang H, Chen IM, Wilson CS, Bedrick EJ, Harvey RC, Atlas SR, Devidas M, Mullighan CG, Wang X, Murphy M, Ar K, Wharton W, Borowitz MJ, Bowman WP, Bhojwani D, Carroll WL, Camitta BM, Reaman GH, Smith MA, Downing JR, Hunger SP, Willman CL. Blood. Gene expression classifiers for relapse-free survival and minimal residual disease improve risk classification and outcome prediction in pediatric B-precursor acute lymphoblastic leukemia. 115(7). 1394-405. Jul 2010.

**Chigaev, Alexandre**

Chigaev A, Wu Y, Williams DB, Smagley Y, Sklar LA. J Biol Chem. Discovery of very late antigen-4 (VLA-4,  $\alpha 4\beta 1$  integrin) allosteric antagonists. Dec 2010.

Zwartz GJ, Chigaev A, Foutz TD, Edwards BS, Sklar LA. Cytometry. A Miniature Couette to Generate Shear for Flow Cytometry: Studying Real-Time Modulation of Intracellular Calcium in Monocytic Cells. Jul 2010.

**Ebel, Gregory D.**

Ebel GD. Annual Review of Entomology. Update on Powassan Virus: Emergence of a North American tick borne flavivirus. 55. 95 - 110. Jul 2010.

Brackney DE, Brown IK, Nofchissey RA, Fitzpatrick KA, Ebel GD. Virology. Homogeneity of Powassan Virus populations in naturally infected Ixodes scapularis. 402. 366-371. Jul 2010.

Fitzpatrick KA, Deardorff ER, Pesko K, Brackney DE, Zhang B, Bedrick E, Shi PY, Ebel GD. Virology. Population variation of West Nile virus confers a host-specific fitness benefit in mosquitoes. 404. 89 - 95. Aug 2010.

Kilpatrick AM, Fonseca DM, Ebel GD, Reddy M, Kramer LD. American Journal of Tropical Medicine and Hygiene. Spatial and temporal variation in vector competence of Culex pipiens and Cx restuans mosquitos for West Nile Virus. 83 (3). 607- 613. Jul 2010.

Nonaka E, Ebel GD, Wearing HJ. PLoS ONE. Persistence of Pathogens with short infectious periods in seasonal tick populations: the relative importance of three transmission routes. 5 (7). e11745. Jul 2010.

Pesko KN, Torres Perez F, Hjelle BL, Ebel GD. Journal of General Virology. Molecular epidemiology of Powassan virus in North America. 91. 2698 - 2705. Jul 2010.

Scott JC, Brackney DE, Campbell CL, Bondu Hawkins V, Hjelle B, Ebel GD, Olson KE, Blair CD. PLoS Negl Trop Dis. Comparison of Dengue Virus type 2-specific small RNAs from RNA interference-competent and -incompetent mosquito cells. 4 (10). e848. Oct 2010.

Brackney DE, Scott JC, Sagawa F, Woodward JE, Miller NA, Schilkey FD, Mudge J, Wilusz J, Olson KE, Blair CD, Ebel GD. PLoS Neglected Tropical Disease. C6/36 Aedes albopictus cells have a dysfunctional antiviral RNA interference response. 4(10). e856. Oct 2010.

**Edwards, Bruce S.**

Surviladze Z, Waller A, Wu Y, Romero E, Edwards BS, Wandinger-Ness A, Sklar LA. J Biomol Screen. Identification of a small GTPase inhibitor using a high-throughput flow cytometry bead-based multiplex assay. 15. 10-20. Jul 2010.

Curpan RF, Simons PC, Zhai D, Young SM, Carter MB, Bologna CG, Oprea T, Satterthwait AC, Reed JC, Edwards BS, Sklar LA. Assay Drug Dev Technol. High Throughput Screen for Chemical Inhibitors of Anti-Apoptotic Bcl-2 Family Proteins by Multiplex Flow Cytometry. Jul 2010.

Buranda T, Wu Y, Perez D, Jett SD, Bondu-Hawkins V, Ye C, Edwards BS, Lopez GP, Sklar LA, Hjelle B. Anal Chem. Characterization of fluorescently labeled hantaviruses and development of quantitative binding assays for high throughput flow cytometry. Jul 2010.

Sklar LA, Edwards BS. HTS Flow Cytometry, Small Molecule Discovery, and the NIH Molecular Libraries Initiative, In: Flow Cytometry in Drug Discovery and Development. John Wiley and Sons, Hoboken, NJ, 2010. Jul 2010.

Saunders MJ, Edwards BS, Zhu J, Sklar LA, Graves SW. Curr Protoc Cytom. Microsphere-based flow cytometry protease assays for use in protease activity detection and high-throughput screening. Chapter 13:Unit 13.12. 1-17. Oct 2010.

Zwartz GJ Chigaev A Foutz TD Edwards BS Sklar LA. Cytometry. A Miniature Couette to Generate Shear for Flow Cytometry: Studying Real-Time Modulation of Intracellular Calcium in Monocytic Cells. Jul 2010.

Sklar L Edwards B. Assay Drug Dev Technol. An interview with Larry Sklar, Ph.D., and Bruce Edwards, Ph.D. Interview by Vicki Glaser. 8. 397-407. Aug 2010.

Sklar LA, Edwards BS. Drug Discovery World. High throughput flow cytometry for discovery at UNMCMD and the NIH Molecular Libraries Initiative. 13. Jul 2010.

**Foucar, M. Kathryn**

Foucar K. Practical Diagnosis of Hematologic Disorders. Anemia of chronic disease and normochromic, normocytic nonhemolytic anemias. 5th. ASCP Press. Jul 2010.

Foucar K. Practical Diagnosis of Hematologic Disorders. Aplastic, hypoplastic, and miscellaneous types of anemia. 5th Edition. ASCP Press. Jul 2010.

Foucar K. Practical Diagnosis of Hematologic Disorders. Megaloblastic anemias. 5th Edition. ASCP Press. 61-78. Jul 2010.

Foucar K. Practical Diagnosis of Hematologic Disorders. Neutrophilia. 5th edition. ASCP Press. 189-202. Jul 2010.

Foucar K. Practical Diagnosis of Hematologic Disorders. Eosinophilia. 5th edition. ASCP Press. 203-212. Jul 2010.

Foucar K. Practical Diagnosis of Hematologic Disorders. Basophilia. 5th edition. ASCP Press. 213-218. Jul 2010.

Foucar K. Practical Diagnosis of Hematologic Disorders. Monocytosis. 5th edition. ASCP Press. 219-226. Jul 2010.

Foucar K. Practical Diagnosis of Hematologic Disorders. Neutropenia. 5th edition. ASCP Press. 227-238. Jul 2010.

Foucar K. Practical Diagnosis of Hematologic Disorders. Functional defects of granulocytes. 5th edition. ASCP Press. 239-246. Jul 2010.

Foucar K. Practical Diagnosis of Hematologic Disorders. Granulocytic disorders of abnormal morphology. 5th edition. ASCP Press. 247-256. Jul 2010.

Foucar K, Matutes E, Catovsky D. In Non-Hodgkin Lymphoma. Chronic T-cell and natural killer cell leukemias. Lippincott Williams and Wilkins. Jul 2010.

Reichard K, Foucar K. Diagnostic Techniques in Hematologic Malignancies. Mature T-cell and natural killer (NK) NK-cell leukemias: T-cell prolymphocytic leukemia, large granular lymphocyte leukemia, chronic lymphoproliferative disorders of NK cells, adult T-cell leukemia/lymphoma, leukemic phase of Sézary syndrome. Cambridge Press. Jul 2010.

Foucar K, Viswanatha D, Montgomery K. Diagnostic Hematopathology. Mature B-cell neoplasms: chronic lymphocytic leukemia/small lymphocytic lymphoma, B-cell prolymphocytic leukemia and lymphoplasmacytic lymphoma. Saunders / Elsevier. 221-246. Jul 2010.

Foucar K, Richard K, Czuchlewski D. Bone Marrow Pathology: ASCP Integrative Hematopathology Series 3. 3rd Edition. ASCP Press. Jul 2010.

Czuchlewski DR, Brackney M, Ewers C, Manna J, Fekrazad MH, Martinez A, Nolte K, Hjelle B, Rabinowitz I, Curtis B, McFarland J, Baumbach J, Foucar K. Am J Clin Pathol. Clinicopathologic Features of Agranulocytosis in the Setting of Levamisole-Tainted Cocaine. 133. 446-472. Jul 2010.

Hall J, Foucar K. IJL Haematol. Diagnosing Myelodysplastic/Myeloproliferative neoplasms: Laboratory testing strategies to exclude other disorders. 32. 559-571. Jul 2010.

Hussong JW, Arber DA, Bradley KT, Brown MS, Chang CC, de Baca ME, Foucar K. Arch Pathol Lab Med. Protocol for the Examination of Specimens From Patients With Non-Hodgkin Lymphoma/Lymphoid Neoplasms. 134. e40-e47. Jul 2010.

Bradley KT, Arber DA, Brown MS, Chang CC, Coupland SE, de Baca ME, Foucar K. Arch Pathol Lab Med. Protocol for the Examination of Specimens from Patients with Hematopietic Neoplasms of the Ocular Adnexa. 134. 336-340. Jul 2010.

**Harvey, Richard**

Harvey RC, Mullighan CG, Wang X, Dobbin KK, Davidson GS, Bedrick EJ, Chen IM, Atlas SR, Kang H, Ar K, Wilson CS, Wharton W, Murphy M, Devidas M, Carroll AJ, Borowitz MJ, Bowman WP, Downing JR, Relling M, Yang J, Bhojwani D, Carroll WL, Camitta B, Reaman GH, Smith M, Hunger SP, Willman CL. Blood. Identification of novel cluster groups in pediatric high-risk B-precursor acute lymphoblastic leukemia with gene expression profiling: correlation with genome-wide DNA copy number alterations, clinical characteristics, and outcome. 116(23). 4874-84. Dec 2010.

Kang H, Chen IM, Wilson CS, Bedrick EJ, Harvey RC, Atlas SR, Devidas M, Mullighan CG, Wang X, Murphy M, Ar K, Wharton W, Borowitz MJ, Bowman WP, Bhojwani D, Carroll WL, Camitta BM, Reaman GH, Smith MA, Downing JR, Hunger SP, Willman CL. Blood. Gene expression classifiers for relapse-free survival and minimal residual disease improve risk classification and outcome prediction in pediatric B-precursor acute lymphoblastic leukemia. 115(7). 1394-405. Jul 2010.

Harvey RC, Mullighan CG, Chen IM, Wharton W, Mikhail FM, Carroll AJ, Kang H, Liu W, Dobbin KK, Smith MA, Carroll WL, Devidas M, Bowman WP, Camitta BM, Reaman GH, Hunger SP, Downing JR, Willman CL. Blood. Rearrangement of CRLF2 is associated with mutation of JAK kinases, alteration of IKZF1, Hispanic/Latino ethnicity, and a poor outcome in pediatric B-progenitor acute lymphoblastic leukemia. 115(26). 5312-21. Jul 2010.

**Hjelle, Brian L.**

Torres-Perez F, Wilson L, Collinge SK, Harmon H, Ray C, Medina RA, Hjelle B. Emerging Infectious Diseases. Symptomatic Sin Nombre virus infections contracted by field workers in Colorado. 16. 308-310. Feb 2010.

Manigold T, Mori A, Graumann R, Llop E, Simon V, Valdivieso F, Castillo C, Hjelle B, Vial P. PLoS Pathogen. Highly differentiated resting Gn-specific memory CD8+ T cells persist years after infection by Andes hantavirus. 19. e1000779. Feb 2010.

Czuchlewski DR, Brackney M, Ewers C, Manna J, Fekrazad MH, Martinez A, Nolte KB, Hjelle B, Rabinowitz I, Curtis BR, McFarland JG, Baumbach J, Foucar K. American Journal of Clinical Pathology. Clinicopathologic features of agranulocytosis in the setting of levamisole-tainted cocaine. 133. 466-472. Mar 2010.

Buranda T, Wu Y, Perez D, Jett SD, Bondu Hawkins V, Ye C, Edwards B, Larson RS, Hall P, Lopez GD, Sklar LA, Wandinger Ness A, Hjelle B. Analytical Biochemistry. Recognition of DAF and avB3 by inactivated hantaviruses, towards development of high throughput screening flow cytometry assays. 402. 151 - 160. Jul 2010.

Pesko KN, Torres Perez F, Hjelle B, Ebel GD. Journal of General Virology. Molecular Epidemiology of Powassan virus in North America. Jul 2010.

Scott JC, Brackney DE, Campbell CL, Bondu Hawkins V, Hjelle B, Ebel GD, Olson KE, Blair CD. PLoS Negl Trop Dis. Comparison of dengue virus type 2 specific small RNA interference competent and incompetent mosquito cells. 4. e848. Oct 2010. <http://www.ncbi.nlm.nih.gov/pubmed/21049014>

Prescott J, Hall P, Acuna Retamar M, Ye C, Wathélet MG, Ebihara H, Feldmann H, Hjelle B. PLoS ONE. New World hantaviruses activate IFN-lambda production in type I IFN deficient Vero E6 cells. 17:5(6). e11159. Jul 2010.

Hall PR, Leitao A, Ye C, Kilpatrick K, Hjelle B, Oprea TI, Larson RS. Bioorg Medicinal Chem Let. Small molecule inhibitors of hantavirus infection. 20. 7085 - 7091. Dec 2010.

**Larson, Richard S.**

Sanda T, Li X, Gutierrez A, Ahn Y, Neubert D, O'Neil J, Strack P, Winter C, Winter SS, Larson RS, Von Boehmer H, Look, AT. Blood. Interconnecting Molecular Pathways in the Pathogenesis and Drug Sensitivity of T-cell Acute Lymphoblastic Leukemia. 4;115(9). 1735-4. Jan 2010.

Buranda T, Wu Y, Perez D, Jett SD, Bondu-Hawkins V, Ye C, Edwards B, Hall P, Larson RS, Lopez GP, Sklar LA, Hjelle B. Anal Biochem. Recognition of decay accelerating factor and alpha (v) beta(3) by inactivated hantaviruses: Toward the development of high-throughput screening flow cytometry assays. 402(2). 151-60. Jan 2010.

Padilla RS, Sebastian S, Jiang Z, Nindl I, Larson RS. Archives of Dermatology. Gene Expression Patterns of Normal Human Skin, Actinic Keratosis and Squamous Cell Carcinoma: A Spectrum of Disease Progression. 146. 288-293. Jan 2010.

Gutierrez A, Sanda T, Ma W, Zhang J, Grebliunaite J, Protopopov A, Winter SS, Larson RS, Silverman L, Chin L, Hunger SP, Jamieson C, Sallan SE, Look AT. Blood. Inactivation of LEF1 in T-Cell Acute Lymphoblastic Leukemia. 8;114(14). 2845-51. Jan 2010.

Larson, RS. Humana Press, Second Edition. Bioinformatics and Drug Discovery. Jan 2010.

Adolphi NL, Huber DL, Bryant HC, Monson TC, Fegan DL, Lim JK, Trujillo J, Tessier TE, Lovato DM, Butler KS, Provencio PP, Hathaway HJ, Majetich S, Larson RS, Flynn ER. Physics in Medicine and Biology. Characterization of Single-core Magnetite Nanoparticles for Magnetic Imaging by SQUID-reflexometry. 55. 5985-6003. Dec 2010.

Gutierrez A, Dahlberg SE, Neuberger DS, Zhang J, Grebliunaite R, Sanda T, Protopopov A, Kutok J, Winter SS, Larson RS, Loh ML, Silverman LB, Chin L, Hunger SP, Sallan SE, Look AT. J. Clin Oncol. Absence of Biallelic TCR, Deletions (ABGD) Predicts Early Treatment Failure in Pediatric T-Cell Acute Lymphoblastic Leukemia. 28(24). 3816-23. Aug 2010.

**Masten, Barbara J.**

Chand HS, Schuyler M, Joste N, Hensler C, Tesfaigzi Y, Masten B, Schrader R, Lipscom MF. J Allergy Clin Immunol. Anti-IgE therapy results in decreased myeloid dendritic cells in asthmatic airways. 125(5). 1157-1158.e5. May 2010.

**Reichard, Kaaren K.**

Reichard KK. Bone Marrow Pathology. Specialized Techniques in Bone Marrow Evaluation. 3rd. ASCP Press. 67-84. Jul 2010.

Reichard KK. Bone Marrow Pathology. Bone Marrow Reporting and Quality Assurance. 3rd. ASCP Press. 85-92. Jul 2010.

Reichard KK. Bone Marrow Pathology. Non-neoplastic Granulocytic and Monocytic Disorders, Excluding Neutropenia. ASCP Press. 181-206. Jul 2010.

Reichard KK. Bone Marrow Pathology. Megakaryocyte/Platelet Disorders. ASCP Press. 231-252. Jul 2010.

Reichard KK. Bone Marrow Pathology. Myeloproliferative Neoplasms. 3rd. ASCP Press. Jul 2010.

Foucar K, Reichard KK, Czuchlewski D. Bone Marrow Pathology. Acute Myeloid Leukemias. 3rd. ASCP Press. 377-432. Jul 2010.

Reichard KK. Bone Marrow Pathology. Blastic Plasmacytoid Dendritic Cell Neoplasms in Bone Marrow. 3rd. ASCP Press. 443-440. Jul 2010.

Reichard KK. Bone Marrow Pathology. Myeloma and other Immunosecretory Neoplasms. 3rd. ASCP Press. Jul 2010.

Reichard KK. Bone Marrow Pathology. Precursor B and T-Cell Acute Lymphoblastic Leukemia. 3rd. ASCP Press. 591-616. Jul 2010.

Reichard KK. Bone Marrow Pathology. Metastatic Tumors Involving Bone Marrow. 3rd. ASCP Press. 687-702. Jul 2010.

Reichard KK. Bone Marrow Pathology. Post-Therapy Bone Marrow Findings. 3rd. ASCP Press. 793-818. Jul 2010.

Reichard KK. Bone Marrow Pathology. Bone Marrow Examination in Children. 3rd. ASCP Press. 703-726. Jul 2010.

Reichard KK. Bone Marrow Pathology. Bone Marrow Findings in Systemic Infections. 3rd. ASCP Press. 743-772. Jul 2010.

Reichard KK. Bone Marrow Pathology. Minimal Residual Disease. 3rd. ASCP Press. 819-823. Jul 2010.

Foucar K, Reichard KK, Czuchlewski D. Bone Marrow Pathology. Comprehensive Appendix. 3rd. ASCP Press. Jul 2010.

Foucar K, Reichard KK. Diagnostic Techniques in Hematologic Malignancies. Mature T-cell and Natural Killer Cell Leukemias. Cambridge University Press. Jul 2010.

**Scariano, John K.**

Scariano J. Variability of Bone Density in Elderly Postmenopausal Women. 1st. Verlag: LAP Lambert Academic Publishing. Nov 2010.

**Sklar, Larry A.**

Nayak TK, Dennis MK, Ramesh C, Burai R, Atcher RW, Sklar LA, Norenberg JP, Hathaway HJ, Arterburn JB, Prossnitz ER. ACS Chem Bio. Influence of charge on cell permeability and tumor imaging of GPR30-targeted 111 in-labelled nonsteroidal imaging agents. 5. 681-90. Jul 2010.

Buranda T, Wu Y, Perez D, Jett SD, Bondu-Hawkins V, Ye C, Edwards B, Hall P, Larson RS, Lopez GP, Sklar LA, Hjelle B. Anal Biochem. Recognition of decay accelerating factor and alpha(v)beta(3) by inactivated hantaviruses: Toward the development of high-throughput screening flow cytometry assays. 15; 402(2). 151-60. Jul 2010.

Sklar LA, Edwards BS. HTS Flow Cytometry, Small Molecule Discovery, and the NIH Molecular Libraries Initiative, In: Flow Cytometry in Drug Discovery and Development. John Wiley and Sons, Hoboken, NJ, 2010. Jul 2010.

Chigaev A, Wu Y, Williams DB, Smagley Y, Sklar LA. J Biol Chem. Discovery of very late antigen-4 (VLA-4, {alpha}4{beta}1 integrin) allosteric antagonists. Dec 2010.

Saunders MJ, Edwards BS, Zhu J, Sklar LA, Graves SW. Curr Protoc Cytom. Microsphere-based flow cytometry protease assays for use in protease activity detection and high-throughput screening. Chapter 13:Unit 13.12. 1-17. Oct 2010.

Buranda T, Wu Y, Sklar LA. Methods Mol Biol. Quantum dots for quantitative flow cytometry. 699. 67-84. Jul 2010.

Sklar L, Edwards B. Assay Drug Dev Technol. An interview with Larry Sklar, Ph.D., and Bruce Edwards, Ph.D. Interview by Vicki Glaser. 8. 397-407. Aug 2010.

Sklar LA, Edwards BS. Drug Discovery World. High throughput flow cytometry for discovery at UNMCMD and the NIH Molecular Libraries Initiative. 13. Jul 2010. 35-46

**Tegos, George P.**

Kishen A, Upadya M, Tegos GP, Hamblin MR. Photochem Photobiol. Efflux Pump Inhibitor Potentiates Antimicrobial Photodynamic Inactivation of Enterococcus faecalis Biofilm. doi: 10.1111/j.1751-1097.2010.00792.x. 86(6):1343-9. Sep 2010. PMID: 20860692

Dai T, Tegos GP, St Denis TG, Anderson D, Sinofsky E, Hamblin MR. Photochem Photobiol. 2010 Ultraviolet-C Irradiation for Prevention of Central Venous Catheter-related Infections: An In Vitro Study.

Huang L, Huang YY, Mroz P, Tegos GP, Zhiyentayev T, Sharma SK, Lu Z, Balasubramanian T, Kraymer Ruzié C, Yang E, Kee HL, Kirmaier C, Diers JR, Bocian DF, Holten D, Lindsey JS, Hamblin MR. Antimicrob Agents Chemother. Stable synthetic cationic bacteriochlorins as selective antimicrobial photosensitizers. 54. 3834-3841. Jul 2010. PMID: 20625146

Ragàs X, Dai T, Tegos GP, Agut M, Nonell S, Hamblin MR. Lasers Surg Med. Photodynamic inactivation of Acinetobacter baumannii using phenothiazinium dyes: in vitro and in vivo studies. 42. 384-390. Jul 2010.

**Wandinger-Ness, Angela**

Boucher CA, Ward HH, Case RL, Thurston KS, Li X, Needham A, Romero E, Hyink D, Qamar S, Roitbank T, Powell S, Ward C, Wilson PD, Wandinger Ness A, Sandford RN. *Biochimica et Biophysica Acta*. Receptor protein tyrosine phosphatases are novel components of the polycystin complex. Nov 2010.

BasuRay S, Mukherjee S, Romero E, Wilson MC, Wandinger Ness A. *PLoS ONE*. Rab7 Mutants associated with Charcot Marie Tooth Disease exhibit enhanced NGF stimulated signaling. 5(12). e15351. Dec 2010.

**Wharton, Walker**

Dokladny K, Lobb R, Wharton W, Ma TY, Moseley PL. *Cell Stress and Chaperones*. LPS-Induced Cytokine Levels are Repressed by Elevated Expression of HSP70 in Rats: Possible Role of NF- $\kappa$ B. 15. 153-163. Jul 2010.

Kang H, Chen IM, Wilson CS, Bedrick EJ, Harvey RC, Atlas SR, Devidas M, Mullighan CG, Wang X, Murphy M, Ar K, Wharton W, Borowitz MJ, Bowman WP, Bhojwani D, Carroll WL, Camitta BM, Reaman GH, Smith MA, Downing JR, Hunger SP, Willman CL. *Blood*. Gene expression classifiers for relapse-free survival and minimal residual disease improve risk classification and outcome prediction in pediatric B-precursor acute lymphoblastic leukemia. 115(7). 1394-405. Jul 2010.

Harvey RC, Mullighan CG, Chen IM, Wharton W, Mikhail FM, Carroll AJ, Kang H, Liu W, Dobbin KK, Smith MA, Carroll WL, Devidas M, Bowman WP, Camitta BM, Reaman GH, Hunger SP, Downing JR, Willman CL. *Blood*. Rearrangement of CRLF2 is associated with mutation of JAK kinases, alteration of IKZF1, Hispanic/Latino ethnicity, and a poor outcome in pediatric B-progenitor acute lymphoblastic leukemia. 115(26). 5312-21. Jul 2010.

Harvey RC, Mullighan CG, Wang X, Dobbin KK, Davidson GS, Bedrick EJ, Chen IM, Atlas SR, Kang H, Ar K, Wilson CS, Wharton W, Murphy M, Devidas M, Carroll AJ, Borowitz MJ, Bowman WP, Downing JR, Relling M, Yang J, Bhojwani D, Carroll WL, Camitta B, Reaman GH, Smith M, Hunger SP, Willman CL. *Blood*. Identification of novel cluster groups in pediatric high-risk B-precursor acute lymphoblastic leukemia with gene expression profiling: correlation with genome-wide DNA copy number alterations, clinical characteristics, and outcome. 116(23). 4874-84. Dec 2010.

**Wilson, Carla S.**

Harvey RC, Mullighan CG, Wang X, Dobbin KK, Davidson GS, Bedrick EJ, Chen IM, Atlas SR, Kang H, Ar K, Wilson CS, Wharton W, Murphy M, Devidas M, Carroll AJ, Borowitz MJ, Bowman WP, Downing JR, Relling M, Yang J, Bhojwani D, Carroll WL, Camitta B, Reaman GH, Smith M, Hunger SP, Willman CL. *Blood*. Identification of novel cluster groups in pediatric high-risk B-precursor acute lymphoblastic leukemia with gene expression profiling: correlation with genome-wide DNA copy number alterations, clinical characteristics, and outcome. 116. 4874-4884. Dec 2010.

Wilson CS, Brynes RK. *Diagnostic hematopathology*. Evaluation of anemia leucopenia and thrombocytopenia. Saunders, an imprint of Elsevier Inc. 154-192. Dec 2010.



**Wu, Yang**

Buranda T, Wu Y, Sklar LA. *Methods Mol Biol.* Quantum dots for quantitative flow cytometry. 699. 67-84. Jul 2010.

Chigaev A, Wu Y, Williams DB, Smagley Y, Sklar LA. *J Biol Chem.* Discovery of very late antigen-4 (VLA-4,  $\alpha 4\beta 1$  integrin) allosteric antagonists. Dec 2010.

Buranda T, Wu Y, Perez D, Jett SD, Bondu-Hawkins V, Ye C, Edwards B, Hall P, Larson RS, Lopez GP, Sklar LA, Hjelle B. *Anal Biochem.* Recognition of decay accelerating factor and  $\alpha(v)\beta(3)$  by inactivated hantaviruses: Toward the development of high-throughput screening flow cytometry assays. 15;402(2). 151-60. Jul 2010.

Surviladze Z, Waller A, Wu Y, Romero E, Edwards BS, Wandinger-Ness A, Sklar LA. *J Biomol Screen.* Identification of a small GTPase inhibitor using a high-throughput flow cytometry bead-based multiplex assay. 15. 10-20. Jul 2010.

Buranda T, Wu Y, Perez D, Jett SD, Bondu-Hawkins V, Ye C, Edwards BS, Lopez GP, Sklar LA, Hjelle B. *Anal Chem.* Characterization of fluorescently labeled hantaviruses and development of quantitative binding assays for high throughput flow cytometry. Jul 2010.

**Young, Stephen A.**

Riedlinger J, Beqaj SH, Milish MA, Young S, Smith R, Dodd M, Hankerd RE, LeBar WD, Newton DW. *Journal of Clinical Microbiology.* Multicenter Evaluation of the MD Max GBS Assay for Detection of Group B Streptococci in Prenatal Vaginal and Rectal Screening Swab Specimens from Pregnant Women. 48. 4239-4241. Nov 2010.

Wenzel JJ, Panning M, Kaul KL, Mangold KA, Revell PA, Luna RA, Zepeda H, Perea L, Vazquez-Perez JA, Young SA, Rodic-Polic B, Eickmann M, Drosten C, Jilg W, Reischl U. *Journal of Clinical Microbiology.* Analytical Performance Determination and Clinical Validation of the Novel Roche RealTime Ready Influenza A/H1N1 Detection Set. 48. 3088-3094. Sep 2010.

## PEDIATRICS

### **Annett, Robert D.**

Annett RD, Bender BG, Skipper B, Allen C. Quality of Life Research. Predicting moderate improvement and decline in pediatric quality of life over 24 months. 19. 1517-1527. Jul 2010.

Sawicki GS, Strunk RC, Schuemann B, Annett R, WEISS S, Fuhlbrigge AL. Annals of Allergy, Asthma and Immunology. Patterns of Inhaled Corticosteroid Use and Asthma Control in the Childhood Asthma Management Program Continuation Study (CAMPCS). 104. 30-35. Jul 2010.

Annett RD, Turner C, Brody JL, Sedillo D, Dalen J. Journal of Pediatric Psychology. Using structural equation modeling to understand adolescent and parent perceptions of asthma quality of life. 35. 870-882. Jul 2010.

Dalen J, Annett RD, Brody JL, Perryman ML. Open Access Journal of Clinical Trials. Influences upon pediatrician's willingness to refer patients to clinical research. 2. 23-28. Jul 2010.

Annett RD, Dencoff JE. Handbook of Pediatric Neuropsychology. The Pediatric Diagnostic Interview and Neurobehavioral Evaluation (Chapter 42). 1st. Springer Publishing Company. 435-441. Jul 2010.

### **Brandt, John R.**

Staples A, LeBlond R, Watkins S, Wong C, Brandt J. Pediatr Nephrol. Validation of the revised Schwartz estimating equation in a predominantly non-CKD population. 11. 2321-6. Nov 2010.

Brandt JR, Jacobs A, Raissy HH, Kelly FM, Staples AO, Kaufman E, Wong CS. Pediatr Nephrol. Orthostatic proteinuria and the spectrum of diurnal variability of urinary protein excretion in healthy children. 6. 1131-7. Jul 2010.

### **Crowe, Terry K.**

Provost E, Crowe TK, Osbourn P, McClain C, Skipper B. Pediatric Occupational and Physical Therapy. Mealtime behavior of preschool-age children: The impact of having a child with Autism Spectrum Disorder. 30. 220-233. Jan 2010.

Crowe TK. Advance. Giving Where It Is Needed, International Perspective Column. 26. 8. Jan 2010.

### **Dehority, Walter N.**

Dehority W. Pediatric Infectious Disease Journal. Use of Vancomycin in Pediatrics. 29(5). 462-464. Jan 2010.

### **Fernandez, Erika F.**

Fernandez EF, Montman R, Watterberg KL. Journal of Perinatol. Adrenal function in newborns undergoing surgery. Mar 2010.

**Goodkind, Jessica R.**

Goodkind J, LaNoue M, Milford J. Journal of Clinical Child and Adolescent Psychology. Adaptation and implementation of cognitive behavioral intervention for trauma in schools with American Indian youth. 39. 858-872. Jul 2010.

Goodkind J, Ross-Toledo K, John S, Hall JL, Ross L, Freeland L, Coletta E, Becenti-Fundark T, Poola C, Begay-Roanhorse R, Lee C. American Journal of Community Psychology. Promoting healing and restoring trust: policy recommendations for improving behavioral health care for American Indian/Alaska Native adolescents. 46. 386-394. Jul 2010.

**Heidarian-Raissy, Hengameh**

Brandt JR, Jacobs A, Raissy HH, Kelly FM, Staples AO, Kaufman E, Wong CS. Pediatr Nephrol. Orthostatic proteinuria and the spectrom of diurnal variability of urinary protein excretion in healthy children. 6. 1131-7. Jul 2010.

**Hoffman, Benjamin**

Rezet B, Hoffman B, Kaczorowski J. Pediatrics Review. Pediatrics in the Community: Integrating Community Pediatrics into Residency Training. 31. 159-160. Jan 2010.

**Jacobs, Aaron**

Brandt JR, Jacobs A, Raissy HH, Kelly FM, Staples AO, Kaufman E, Wong CS. Pediatr Nephrol. Orthostatic proteinuria and the spectrom of diurnal variability of urinary protein excretion in healthy children. 6. 1131-7. Jul 2010.

**Mathew, Prasad**

Mathew P, Boer R, Lalla A, Preblich R. Haemophilia. Cost effectiveness analysis of primary prophylaxis versus on-demand treatment for individuals with severe hemophilia. 16. 60. Jul 2010.

Halona M, Montoya R, Mathew P. Haemophilia. The psychosocial issues which impact children in NM who have von Willebrand disease. 16. 150. Jul 2010.

Blatny J, Mathew P, Puetz J, Ovesna P, Brabec P. Blood. Seven Bleep Registry 5 years later: an update. 116. 1500. Jul 2010.

**Ohls, Robin K.**

Damaraju E, Phillips J, Lowe R, Calhoun V, Caprihan A. Frontiers in Systems Neuroscience. Resting-state Functional Connectivity Differences in Premature Children. 17. 23. Jun 2010.

Waleh N, Hodnick R, Jhaveri N, Mcconaghy S, Dagle J, Seidner S, McCurnin D, Murray J, Ohls RK, Clyman RI. Pediatric Research. Patterns of gene expression in the ductus arteriosus are related to environmental and genetic risk factors for persistent ductus patency. Jun 2010.

Maheshwari A, Ambalavanan N, Nicola T, Kelly DR, Murphy-Ullrich J, Athar M, Shimamura M, Bhandari V, Aprahamian C, Dimiitt RA, Serra R, Ohls RK. Gastroenterology . TGF-beta2 attenuates inflammatory responses in the developing intestine and its enteral supplementation may prevent neonatal necrotizing enterocolitis. 4. Jan 2010.

**Ramos, Mary M.**

Mohammed HP, Ramos MM, Rivera A, Johansson M, Munoz-Jordan JL, Sun W, Tomashek KM. J Travel Medicine. Response to both letters. 17(4). 286. Jan 2010.

Mohammed HP, Ramos MM, Rivera A, Johansson M, Munoz-Jorda JL, Sun W, Tomashek KM. J Travel Medicine. Travel-Associated Dengue Infections in the United States 1996-2005. 17(1). 8-14. Jan 2010.

**Staples, Amy O.**

Staples AO, Greenbaum LA, Smith JM, Gipson DS, Filler G, Warady BA, Martz K, Wong CS. Clin J Am Soc Nephrol. Association between clinical risk factors and progression of chronic kidney disease in children. 12. 2172-9. Dec 2010.

Staples A, LeBlond R, Watkins S, Wong C, Brandt J. Pediatr Nephrol. Validation of the revised Schwartz estimating equation in a predominantly non-CKD population. 11. 2321-6. Nov 2010.

Brandt JR, Jacobs A, Raissy HH, Kelly FM, Staples AO, Kaufman E, Wong CS. Pediatric Nephrology. Orthostatic proteinuria and the spectrum of diurnal variability of urinary protein excretion in healthy children. 25(6). 1131-7. Jun 2010.

Staples A, Wong C. Curr Opin Pediatr. Risk factors for progression of chronic kidney disease. 22(2). 161-9. Apr 2010.

Staples A. Textbook in Pediatric Psychosomatic Medicine. Chronic Kidney Disease. 1st. American Psychiatric Publishing. Feb 2010.

**Strasburger, Victor C.**

Zimmerman FJ, Strasburger VC. J Pediatr. Violence in media research. 156. 168-169. Jul 2010.

Strasburger VC, Greydanus DE. Clinical Pediatrics. Maintenance of Certification (MOC) the Elephant in the room. 49. 307-309. Jul 2010.

Strasburger VC, Jorda AB, Donnerstein E. Pediatrics. Child and adolescent health and the media. 125. 756-767. Jul 2010.

Strasburger VC. Clinical Pediatrics. 10 Reasons Why I love and Hate Academia. 49. 723-726. Jul 2010.

Strasburger VC. Zuckerman and Parker's Handbook of Developmental and Behavioral Pediatrics. Media. 3rd. Lippincott-Williams and Wilkins. Jul 2010.

Strasburger VC, Fuld GL. Pediatrics. The media can HELP parental communication about sex. Jan 2010.

Strasburger VC. Bright Futures. Children and Media. 3rd. American Academy of Pediatrics. Jan 2010.

**Watterberg, Kristi L.**

Stoll BJ, Hansen NI, Bell EF, Shankaran S, Laptook AR, Walsh MC, Hale EC, Newman NS, Schibler K, Carlo WA, Kennedy KA, Poindexter BB, Finer NN, Ehrenkranz RA, Duara S, Sanchez PJ, O'Shea TM, Goldberg RN, Van Meurs KP, Faix RG, Phelps DL, Frantz ID 3rd, Watterberg KL, Saha S, Das A, Higgins RD. Pediatrics. Neonatal Outcomes of Extremely Preterm Infants from the NICHD Neonatal Research Network. 126. 443-56. Jul 2010.

Aucott SW, Watterberg KL, Shaffer ML, Donohue PK. J Perinatol. Early cortisol values and long-term outcomes in extremely low birth weight infants. 30. 484-488. Jul 2010.

Fernandez EF, Montman R, Watterberg KL. J Perinatol. Adrenal function in newborns undergoing surgery. 30. 814-818. Jul 2010. doi:10.1038/jp.2010.44

Benjamin KD Jr, Stoll BF, Gantz MG, Walsh MC, Sanchez PJ, Das A, Shankaran S, Higgins RD, Auten KJ, Miller NA, Walsh TJ, Laptook AR, Carlo WA, Kennedy KA, Finer NN, Duara S, Schibler K, Chapman RL, Van Meurs KP, Frantz ID 3rd, Phelps DL, Poindexter BB, Bell EF, O'Shea TM, Watterberg KL, Goldberg RN. Pediatrics. Neonatal Candidiasis: epidemiology, risk factors, and clinical judgement. 126. e865-73. Jul 2010.

Watterberg KL. Pediatrics. Policy Statement-postnatal corticosteroids to prevent or treat bronchopulmonary dysplasia. 126. 800-8. Jul 2010.

**Wong, Craig S.**

Staples A, LeBlond R, Watkins S, Wong C, Brandt J. Pediatr Nephrol. Validation of the revised Schwartz estimating equation in a predominantly non-CKD population. 11. 2321-6. Nov 2010.

Staples AO, Greenbaum LA, Smith JM, Gipson DS, Filler G, Warady BA, Martz K, Wong CS. Clin J Am Soc Nephrol. Association between clinical risk factors and progression of chronic kidney disease in children. 12. 2172-9. Dec 2010.

Brandt JR, Jacobs A, Raissy HH, Kelly FM, Staples AO, Kaufman E, Wong CS. Pediatr Nephrol. Orthostatic proteinuria and the spectrum of diurnal variability of urinary protein excretion in healthy children. 6. 1131-7. Jul 2010.

## PSYCHIATRY

### **Abbott, Patrick J.**

Abbott PJ. Journal of Psychoactive Drugs. A Review of the Community Reinforcement Approach in the Treatment of Opioid Dependence. 41(4). 379-85. Jan 2010.

Abbott PJ. Professional Case Management. Case Management: Ongoing Evaluation of Patients' Needs in an Opioid Treatment Program. 15(3). 145-152. Jan 2010.

Bogenschutz MP, Abbott PA, Kushner R, Tonigan S, Woody GE. J Addict Med. Effects of Buprenorphine and Hepatitis C on Liver Enzymes in Adolescents and Young Adults. 4. 4. Dec 2010.

### **Adelsheim, Steven N.**

Kriechman A, Salvador M, Adelsheim S. Child Adolescent Psychiatric Clinics of North America. Expanding the Vision: The Strengths-Based, Community-Oriented Child and Adolescent Psychiatrist Working in Schools. 19(1). 149-162. Jan 2010.

### **Bereiter, Jeanne**

Thomas E. Steele. New York:WW Norton and Co. Outpatient Psychiatry: A beginner's guide. 74, 4. In Bulletin of the Menninger Clinic. Jul 2010.

Roy Q. Sanders. New York:WW Norton and Co. How to talk to parents about autism. 73, 3. 292, In Bulletin of the Menninger Clinic. Jul 2010.

### **Bogenschutz, Michael P.**

Foley, K, Pallas, D, Forcehimes, AA, Houck, JM, Bogenschutz, MP, Keyser-Marcus, L, Svikis, D. Journal of Vocational Rehabilitation. Effect of Job Skills training on employment and job seeking behaviors in an American Indian substance abuse treatment sample. 33. 181-192. Jul 2010.

Bogenschutz MP, Abbott PA, Kushner R, Tonigan S, Woody GE. J Addict Med. Effects of Buprenorphine and Hepatitis C on Liver Enzymes in Adolescents and Young Adults. 4. 4. Dec 2010.

### **Bustillo, Juan R.**

Heckers S, Tandon R, Bustillo J. Schizophrenia Bulletin. Catatonia in the DSM - Shall We Move or Not?. 36(2). 205-207. Mar 2010.

Bustillo J, Rowland L, Mullins P, Jung R, Chen H, Qualls C, Hammond R, Brooks W, Lauriello J. Molecular Psychiatry. 1H-MRS at 4 Tesla in Minimally Treated Early Schizophrenia. 15(6). 629-636. Jun 2010.

**Canive, Jose M.**

Mannell M, Franco AR, Calhoun VD, Canive JM, Thoma RJ, Mayer AR. Human Brain Mapping. Resting State and Task-Induced Deactivation: A Methodological Comparison in Patients with Schizophrenia and Healthy Controls. 31(3). 424-437. Jan 2010.

Huang MX, Lee RR, Gaa KM, Song T, Harrington DL, Loh C, Theilmann RJ, Edgar JC, Miller GA, Canive JM, Granholm E. Brain Topography. Somatosensory System Deficits in Schizophrenia Revealed by MEG During a Median-Nerve Oddball Task. 2010 Mar 23(1). 82-104. Mar 2010. PMID 19943100

Canive JM, Thoma RJ, Huang MX. Trado de Psiquiatria. Neurofisiologia: Electroencefalografia y Magnetoencefalografia en el Estudio de Trastornos Psiquiatricos. 2da. Stm Editores. Jan 2010.

Villarreal, G, Canive, JM, Calais, LA, Toney, G, Smith, AK. Psychopharmacol Bull. Duloxetine in Military Posttraumatic Stress Disorder. 43. 26-34. Jul 2010.

Smith AK, Edgar JC, Huang M, Ly BY, Thoma RJ, Hanlon FM, McHaffie G, Jones AP, Paz RD, Miller GA, Canive JM. American Journal of Psychiatry. Cognitive Abilities and 50- and 100-msec Paired-Click Processes in Schizophrenia. 167(10). 1264-75. Oct 2010.

**Crisanti, Annette S.**

Crisanti AS, Frueh BC, Gundaya D, Salvail FR, Triffleman E. Journal of Clinical Psychiatry. Ethnoracial disparities in sexual assault among Asian-American and Native Hawaiians/Other Pacific Islanders. Nov 2010.

**Dellmore, Deborah**

Yager, Joel, Dellmore, Deborah Anne. Clinical Psychiatry Essentials. Eating Disorders. 269-286. Jul 2010.

**Fawcett, Jan**

Fournier JC, DeRubies RJ, Hollon SD, Dimidjan S, Amsterdam SJ, Shelton RC, Fawcett J. Journal of the American Medical Association. Antidepressant Drug Effects and Depression Severity: A Patient-level Meta-analysis. 303 (1). 47-53. Jul 2010.

**Forcehimes, Alyssa Anne**

Foley, K, Pallas, D, Forcehimes, AA, Houck, JM, Bogenschutz, MP, Keyser-Marcus, L, Svikis, D. Journal of Vocational Rehabilitation. Effect of Job Skills training on employment and job seeking behaviors in an American Indian substance abuse treatment sample. 33. 181-192. Jul 2010.

**Geppert, Cynthia**

Geppert CM. Psychiatric Times. Fulfillment Using Real Conscience: Practical Guide for Psychological and Spiritual Wellness. Jan 2010.

Geppert, Cm. Psychological Medicine. The Virtuous Psychiatrist: Character Ethics in Psychiatric Practice. 40. 1579-80. Jul 2010.

**Haaland, Kathleen Y.**

Mutha PK, Sainburg RL, Haaland KY. *Neuropsychologia*. Coordination Deficits in Ideomotor Apraxia During Visually-Targeted Reading Reflect Impaired Visuomotor Transformations. 2010 Sept 24. Sep 2010. PMID 20875439

Stricker, JR, Tybur, JM, Sadek, JR, Haaland, KY. *Journal of the International Neuropsychological Society*. Utility of the Neuropsychological Assessment Battery in detecting cognitive impairment after unilateral stroke. 16. 813-821. Jul 2010.

Mutha, PK, Sainburg, RL, Haaland, KY. *Neuropsychologia*. Deficits in ideomotor apraxia reflect impaired visuomotor transformations. 48. 3855-3867. Jul 2010.

**Hill, Dina E.**

Thoma RJ, Hill DE, Tonigan JS, Kuny AV, Vermont LN, Lewine JD. *Alcoholism Treatment Quarterly*. Adolescent Self-reported Substance Use Consequences: Moderators of Self and Parent Agreement. 28(2). 101-110. Apr 2010. DOI: 10.1080/07347321003648315

**Hough, Richard**

Chavira DA, Accurso EC, Garland AF, Hough RL. *Child and Adolescent Mental Health*. Suicidal Behavior Among Youth in Five Public Sectors of Care. 15(1). 44-51. Feb 2010. PMID 20221303

**Isakson, Brian L.**

Layne, CM, Olsen, JA, Baker, A, Legerski, J, Isakson, B, Katalinski, R, Pasalic, H, Durakovic-Belko, E, Dapo, N, Arslangic, B, Saltzman, WR, Pynoos, RS. *Child Development*. Unpacking trauma exposure risk factors and differential pathways of influence: Predicting postwar mental distress in Bosnian Adolescents. 81. 1053-1076. Jul 2010.

**Kriechman, Avron M.**

Kriechman A, Salvador M, Adelsheim S. *Child and Adolescent Psychiatric Clinics of North America*. Expanding the Vision: The Strengths-Based, Community-Oriented Child and Adolescent Psychiatrist Working in Schools. 19(1). 149-162. Jan 2010.

**Quinn, Davin K.**

Quinn DK, Flaherty AQ, Herman JF, Kleinschmidt TL. *Harvard Review of Psychiatry*. Over the Rainbow: A Case of Traumatic Brain Injury. 18(1). 56-66. Jan 2010. PMID 20047461

**Reeve, Alya**

Ciesielski KT, Rowland LM, Harris RJ, Kerwinn AA, Reeve A, Knight JE. *Clinical Neurophysiology*. Increased Anterior Brain Activation to Correct Responses on High-Conflict Stroop Task in Obsessive-Compulsive Disorder. June 2010. Jun 2010. PMID 20580602



Schalock R L, Borthwick-Duffy S A, Bradley V J, Buntinx W HE, Coulter D L, Craig E M, Gomez S C, Lachapelle Y, Luckasson R, Reeve A, Shogren K A, Snell M E, Spreat S, Tasse M J, Thompson J R, Verdugo-Alonso M A, Wehmeyer M L, Yeager M H. Health in Intellectual Disability: Definition, Classification, and Systems of Supports. 11th. AAIDD (American Association on Intellectual and Developmental Disabilities). Chapter 11. Feb 2010.

**Sadek, Joseph R.**

Stricker NH, Tybur JM, Sadek JR, Haaland KY. Journal of the International Neuropsychological Society. Utility of the Neuropsychological Assessment Battery in Detecting Cognitive Impairment after Unilateral Stroke. 16(5). 813-21. Jun 2010. PMID: 20594388

**Thoma, Robert J.**

Mannell M, Franco AR, Calhoun VD, Canive JM, Thoma RJ, Mayer AR. Human Brain Mapping. Resting State and Task-Induced Deactivation: A Methodological Comparison in Patients with Schizophrenia and Healthy Controls. 31(3). 424-437. Jan 2010.

Canive JM, Thoma RJ, Huang MX. Trado de Psiquiatria. Neurofisiologia: Electroencefalografia y Magnetoencefalografia en el Estudio de Trastornos Psiquiatricos. 2da. Stm Editores. Jan 2010.

Smith AK, Edgar JC, Huang M, Ly BY, Thoma RJ, Hanlon FM, McHaffie G, Jones AP, Paz RD, Miller GA, Canive JM. American Journal of Psychiatry. Cognitive Abilities and 50- and 100-msec Paired-Click Processes in Schizophrenia. 167(10). 1264-75. Oct 2010. PMID 20634366

**Vargas, Luis A.**

Kazak, AE, Hoagwood, K, Weisz, JR, Hood, C, Kratochwill, TR, Vargas, LA, Banez, GA. American Psychologist. A meta-systems approach to evidence-based practice for children and adolescents. 60(2). 85-97. Jul 2010.

**Villarreal, Gerardo**

Villarreal, G, Canive, JM, Calais, LA, Toney, G, Smith, AK. Psychopharmacol Bull. Duloxetine in Military Posttraumatic Stress Disorder. 43. 26-34. Jul 2010.

**Wilcox, Claire E.**

Wilcox CE, Braskie MN, Kluth JT, Jagust WJ. Journal of Obesity. Overeating Behavior and Striatal Dopamine Synthesis Capacity Using 6-[F-18]-fluoro-L-m-tyrosine PET. May 2010.

## RADIOLOGY

### **Aine, Cheryl J.**

Aine CJ. IFMBE. Highlights of 40 years of SQUID-based brain research and clinical applications. 28. P9-34. Jan 2010.

Stephen JM, Montano R, Donahue C, Adair JC, Knoefel J, Qualls C, Hart B, Ranken D, Aine CJ. Journal of Neural Transmission. Somatosensory responses in normal aging, mild cognitive impairment and Alzheimer's disease. 117 (2). pp217-225. Feb 2010.

Aine CJ, Bryant JE, Knoefel JE, Adair JC, Hart B, Donahue CH, Montano R, Hayek R, Qualls C, Ranken D, Stephen JM. Neuroimage. Different strategies for auditory word recognition in healthy versus normal aging. 49 (4). pp 3319-30. Feb 2010.

Stephen JM, Knoefel JE, Adair J, Hart B, Aine CJ. Neuroscience Letters. Aging-related changes in auditory and visual integration measured with MEG. 484. 76-80. Oct 2010.

### **Eberhardt, Steven C.**

Zakian KL, Hricak H, Ishill N, Reuter VE, Eberhardt S, Moskowitz CS, Shukla-Dave A, Wang L, Scardino PT, Eastham JA, Koutcher JA. J Urol. An exploratory study of endorectal magnetic resonance imaging and spectroscopy of the prostate as preoperative predictive biomarkers of biochemical relapse after radical prostatectomy. 184(6). 2320-7. Dec 2010.

Fekrazad MH, Eberhardt S, Jones DV, Lee FC. Clin Colorectal Cancer. Development of bronchiolitis obliterans organizing pneumonia with platinum-based chemotherapy for metastatic rectal cancer. 9(3). 177-8. Jul 2010.

### **Hart, Blaine L.**

Peterson TA, Morrison LA, Schrader RM, Hart BL. American Journal of Neuroradiology. Familial versus sporadic cavernous malformations: differences in developmental venous anomaly association and lesion phenotype. 31(2). pp 377-82. Feb 2010.

Aine CJ, Bryant JE, Knoefel JE, Adair JC, Hart B, Donahue CH, Montano R, Hayek R, Qualls C, Ranken D, Stephen JM. Neuroimage. Different strategies for auditory word recognition in healthy versus normal aging. 49 (4). pp 3319-30. Feb 2010.

Lee RR, Hart BL. Spinal Cord Medicine Principles and Practice. Imaging of the Spinal Cord. pp 35-78. Jan 2010.

Stephen JM, Montano R, Donahue C, Adair JC, Knoefel J, Qualls C, Hart B, Ranken D, Aine CJ. Journal of Neural Transmission. Somatosensory responses in normal aging, mild cognitive impairment and Alzheimer's disease. 117 (2). pp217-225. Feb 2010.

Stephen JM, Knoefel JE, Adair J, Hart B, Aine CJ. Neuroscience Letters. Aging-related changes in auditory and visual integration measured with MEG. 484. 76-80. Oct 2010.

Sibbitt WL Jr, Brooks WM, Kornfeld M, Hart BL, Bankhurst AD, Roldan CA. Semin Arthritis Rheum. Magnetic Resonance imaging and brain histopathology in neuropsychiatric systemic lupus erythematosus. 40(1). 32-52. Aug 2010.

**Hayek, Reyaad A.**

Aine CJ, Bryant JE, Knoefel JE, Adair JC, Hart B, Donahue CH, Montano R, Hayek R, Qualls C, Ranken D, Stephen JM. Different strategies for auditory word recognition in healthy versus normal aging. *Neuroimage* 49 (4), pp. 3319-3330, Feb 2010.

**Mlady, Gary W.**

Brooks BK, Southam SL, Mlady GW, Logan J, Rosett M. Lumbar spine spondylolysis in the adult population: using computed tomography to evaluate the possibility of adult onset lumbar spondylosis as a cause of back pain. *Skeletal Radiology*, 39(7), 669-673, Jul 2010.

**Rosenberg, Robert D.**

Seidenwurm D, Rosenberg R. Quality of Life and Diagnostic Imaging Outcomes. *Journal of American College of Radiology*, 7 (4), pp. 265-268, Apr 2010.

Carney PA, Sickles EA, Monsees BS, Bassett LW, Brenner RJ, Feig Sa, Smith Ra, Rosenberg RD, Bogart TA, Browning S, Barry JW, Kelly MM, Tran KA, Miglioretti DL. Identifying minimally acceptable interpretive performance criteria for screening mammography. *Radiology*, 255(2), 354-361, May 2010.

Elmore JG, Aiello Bowles EJ, Geller B, Oster NV, Carney PA, Miglioretti DL, Buist DS, Kerlikowske K, Sickles EA, Onega T, Rosenberg RD, Yankaskas BC. Radiologists' attitudes and use of mammography audit reports. *Academy Radiology*, 17(6), pp. 752-760, Jun 2010.

Jensen A, Geller BM, Gard CC, Miglioretti DL, Yankaskas B, Carney PA, Rosenberg RD, Vejborg I, Lunge E. *Int J Cancer*. Performance of diagnostic mammography differs in the United States and Denmark. Jan 2010.

DeMartini WB, Ichikawa L, Yankaskas BC, Buist D, Kerlikowske K, Geller B, Onega T, Rosenberg RD, Lehman CD. *Journal of American College of Radiology*. Breast MRI in community practice: equipment and imaging techniques at facilities in the Breast Cancer Surveillance Consortium. 7(11). 878-84. Nov 2010.

Hill DA, Nibbe A, Royce ME, Wallace AM, Kang H, Wiggins CL, Rosenberg RD. *Cancer Epidemiol Biomarkers Prev* 2010. Method of detection and breast cancer survival disparities in Hispanic women. 19(10). pp 2453-60. Oct 2010.

Miglioretti DL, Walker R, Weaver DL, Buist DS, Taplin SH, Carney PA, Rosenberg RD, Dignan MB, Zhang ZT, White E. *Radiology*. Accuracy of Screening Mammography Varies by Week of Menstrual Cycle. Dec 2010. Epub ahead of print-PMID:21131584

## SURGERY

### **Baack, Bret R.**

Gaball C, Lovald S, Khraishi T, Eisbach K, Baack B. Arch Facial Plast Surg. Engineering Analysis of an Unreported Complication of Septoplasty. 6. 385-92. Nov 2010.

### **Bennett, Erica C.**

Morrison AR, Smith MA, Bennett EC. Annals of Otology, Rhinology and Laryngology. Pediatric Head and Neck Extramedullary Hematopoietic Disease: Case Series and review of the Literature. 120. 57-62. Dec 2010.

### **Howdieshell, Thomas**

DiPiro J T, Howdieshell T R. Pharmacotherapy: Principles and Practice. Intra-Abdominal Infections. 2nd. McGraw-Hill Medical. Jul 2010.

### **Lentz, Christopher W.**

Kahn S A, Schoemann M B, Lentz C W. J Burn Care Res. Burn Resuscitation Index: A Simple Method of Fluid Resuscitation in the Burn Patient. 31. 616-623. Jul 2010.

Kahn S A, Beers R, Wilmarth J, Venniro E, Lentz C W. J Prim Care and Comm Health. Purulent skin and soft tissue infection: antibiotic selection in the community. 1. 187-191. Sep 2010.

### **Marinero, Jonathan**

McLean R, Crandall C, Richards M, Marinero J. Journal of Emergency Medicine. Ultrasound Determination of Chest Wall Thickness: Implications for NEEDLE Thoracostomy. May 2010. PMID: 20947279

### **Nelson, Michael T.**

Coverdill JE, Nelson MT, Mellinger JD. Academic Medicine. A New Professionalism? Surgical Residents, Dutyhour Restrictions and Shift Transitions. 85 (10). S72-75. Oct 2010.

JC Russell, Nelson MT, Fry DE. Academic Medicine. The Case for Expanding General Surgery Residencies. 2010: 85. 749-751. Jul 2010.

### **Nuara, Michael J.**

Mobley SR, Nuara MJ, Egbert GW. Advanced Therapy in Facial Plastic and Reconstructive Surgery. Mandible Fractures. People's Medical Publishing house - USA. 155-167. Jul 2010.

**Rajput, Ashwani**

Lai E, Singh R, Teng B, Zhao Y, Sharratt E, Howell G, Rajput A, Bullard Dunn K. Dis Colon Rectum. Inhibition of hyaluronan synthase-3 decreases subcutaneous colon cancer growth in mice. 53. 475-82. Apr 2010.

Rajput A, Romanus D, Benson A, Earle C, Niland J, Shibata S, Skibber J, Ter Veer A, Weiser M, Wilson J, Wong YN, Schrag D. J Surg Oncol. Meeting the 12 Lymph Node (LN) nechmark in colon cancer. 102. 3-9. Jul 2010.

Augestad KM, Lindsetmo R, Stullberg J, Reynolds H, Senagore A, Champagne B, Heriot AG, Lebland F, Delaney CP, Rajput A. World J Surg. International preoperative rectal cancer management: Staging, neoadjuvant treatment, and impact of multidisciplinary teams. 34. 2689-2700. Nov 2010.

**Russell, John C.**

JC Russell, Nelson MT, Fry DE. Academic Medicine. The Case for Expanding General Surgery Residencies. 2010: 85. 749-751. Jul 2010.

**Shah, Satyan K.**

Shah SK. The Albuquerque Journal. Getting your Body Ready for Surgery. 130 (269): 12. Dec 2010.

**Tawil, Isaac**

Tawil I, Gonda JM, King RD, Crandall CS. Journal of Trauma. Impact of positive pressure ventilation on thoracostomy tube removal. 68(4). 818-21. Apr 2010.  
Plastic Surgery

## HEALTH SCIENCES LIBRARY AND INFORMATICS CENTER

### **Buchanan, Holly Shipp**

Shipp Buchanan H and Bunnett B. Leaders Look to the Future. Looking to the Future: Academic Health Care Centers and Their Libraries. Neal-Schuman. Jun 2010.

### **Bunnett, Brian P.**

Shipp Buchanan H, and Bunnett B. Leaders Look to the Future. Looking to the Future: Academic Health Care Centers and Their Libraries. Neal-Schuman. Jun 2010.

### **Carr, Richard D.**

Eldredge J, Carr R, Broudy D and Voorhees R. JMLA. Response to Kelly Near and Ann Duesing's letter: "Informatics Training for Public Health Practitioners". 98. 4. Jan 2010.

### **Eldredge, Jonathan D.**

Eldredge JD. Evidence Based Library and Information Practice (EBLIP). Virtual Peer Mentoring (VPM) Might Facilitate the Entire EBLIP Process. 5(1). 7-16. Jan 2010.

<http://ejournals.library.ualberta.ca/index.php/EBLIP/article/view/7393/6434>

Eldredge JD. Hypothesis; Journal of the Research Section of MLA. The Research Mentor: Authorship Part Two: Order of Authors. 22(1). 8-11. Mar 2010.

[http://research.mlanet.org/hypothesis/vol22\\_1.pdf](http://research.mlanet.org/hypothesis/vol22_1.pdf)

Kroth PJ, Phillips HE, Eldredge JD. Evidence Based Library and Informtion Practice. Evidence-Based Scholarly Communication: Information Professionals Unlocking Translational Research. 5(4). 108-114. Dec 2010.

Booth A, Eldredge JD. Evidence Based Library Information Practice. A voyage of discovery: identifying barriers to EBLIP in the Caribbean. 5(3). 68-72. Oct 2010.

### **Hendrix, Ingrid C.**

Hendrix I and Lopez Bushnell K. Journal of Hospital Librarianship. L.A.U.N.Ch. Into the Future: Evidence-Based Literature to Support Nursing Staff Development. 10. 54-63. Jan 2010.

### **King, Christee**

King C. BMJ Case Reports: Publishing, Sharing, and Learning. BMJ Case Reports: Publishing, Sharing, and Learning. 6(4). Jan 2010.

**Kroth, Philip J.**

Stewart RF, Kroth PJ, Schuyler M and Bailey R. BMC Psychiatry. Do electronic health records affect the patient-psychiatrist relationship? A before and after study of psychiatric outpatients. 10(3). 1-9. Jan 2010. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2818653/pdf/1471-244X-10-3.pdf>

**Phillips, Holly E.**

Kroth, Hannigan. J Elec Res Med Libr. Institutional Repository Access Patterns of Nontraditional Published Academic Content: What types of content are accessed the most? 7. 189. Jul 2010.

# COLLEGE OF PHARMACY

## DEPARTMENT OF PHARMACY PRACTICE AND ADMINISTRATIVE SCIENCES

### **Anderson, Joe**

Anderson JR, Marr-Lyon L, Gupchup GV. Psychometric properties of the purdue pharmacist directive guidance (PPDG) scale in a sample of diabetes patients in the southwestern United States. *Psychological Reports* 2010;107:61-67.

Anderson JR, Nawarskas JJ. Pharmacotherapeutic management of pulmonary arterial hypertension. *Cardiol Rev* 2010;18:148-62.

Ray, G, Anderson JR. 2010. Mechanisms of drug-induced cardiovascular toxicity: Cardiotoxicity associated with thiazolidinediones. In: McQueen, CA. *Comprehensive Toxicology*, 2nd Edition. *Cardiovascular Toxicology*. Elsevier, The Boulevard, Langford Lane, Kidlington, Oxford, UK.

### **Bachryrcz, Amy**

Cone C, Bachryrcz A, Murata G. Hepatotoxicity of metformin therapy in treatment of type 2 diabetes with non-alcoholic fatty liver disease. *Ann Pharmacother*. 2010 Oct;44(10):1655-9, Aug 2010.

### **Bakhireva, Ludmila**

Arenson A.D., Bakhireva L.N., Chambers C.D., Deximo C.A., Foroud T., Jacobson J.L., et al. Implementation of a Shared Data Repository and Common Data Dictionary for Fetal Alcohol Spectrum Disorders Research. *Alcohol*. 2010;44:643-7.

Bakhireva LN, Shainline MR, Carter S, Robinson S, Beaton S, Nawarskas J, Gunter M. Synergistic Effect of HMG-CoA Reductase Inhibitors ("statins") and Postmenopausal Hormone Therapy in Prevention of Skeletal Fractures in Elderly Women. *Pharmacotherapy*. 2010; 30:879-87.

### **Benson, Blaine (Jess)**

Letsky MC, Zumwalt RE, Seifert SA, Benson BE. Cause of death conundrum with methadone use: A case report. *Am J Forensic Med Pathol*. 2010.

Benson BE, Spyker DA, Troutman WG, Watson WA, Bakhireva LN. Amlodipine toxicity in children less than 6 years of age: a dose-response analysis using national poison data system data. *J Emerg Med*. 2010;39(2):186-93.

Litovitz T, Benson BE, Youniss J, Metz E. Determinants of U.S. poison center utilization. *Clin Toxicol (Phila)*. 2010 Jun;48(5):449-57.

Benson BE, Farooqi MF, Klein-Schwartz W, Litovitz T, Webb AN, Borys DJ, Lung D, Rutherford Rose S, Aleguas A, Sollee DR, Seifert SA. Diphenhydramine dose-response: a novel approach to determine triage thresholds. *Clin Toxicol (Phila)*. 2010 Oct;48(8):820-31.



**Cone, Catherine**

Cone C, Bachrycz A, Murata G. Hepatotoxicity of metformin therapy in treatment of type 2 diabetes with non-alcoholic fatty liver disease. *Ann Pharmacother*. 2010 Oct;44(10):1655-9, Aug 2010.

Galvan J, Cone C, Murata G. Effectiveness of Rosiglitazone and Pioglitazone to Reduce Hemoglobin A1c Levels in Veteran Patients with Type 2 Diabetes. *Fed Pract*. 2010 Oct;27(10):22-26.

Wittstrom K, Cone C, Salazar K, Bond R. Aligning Pharmacotherapy Course Objectives with Assessments. *Am J Pharm Educ*. 2010 Jun 15;74(5). pii: 76.

Campbell H, Khan N, Cone C, Raisch D. Relationship Between Diet, Exercise Habits, and Health Status Among Patients with Diabetes. *Res Social Admin Pharm*, May 2010.

**Deming, Paulina**

Arora S, Kalishman S, Thornton K, Dion D, Murata G, Deming P, Parish B, Brown J, Komaromy M, Colleran K, Bankhurst A, Katzman J, Harkins M, Curet L, Cosgrove E, Pak W. Expanding access to hepatitis C virus treatment—Extension for Community Healthcare Outcomes (ECHO) project: disruptive innovation in specialty care. *Hepatology* 2010;52:1124-33.

**Holdsworth, Mark**

Campaign J, Holdsworth MT. Neoplastic Diseases, In: Drug-Induced Diseases. *Prevention, Detection, and Management*. 2nd ed. Tisdale JE and Miller DA, eds. Pp. 1031-48. ASHP, Bethesda, 2010.

Holdsworth MT. Opioids. In: Smith KM, Riche DM, Henyan NN, eds. *Clinical Drug Data*, 11th ed. New York, NY: McGraw Medical; 2010:52-73.

Holdsworth MT. Antiemetics. In: Smith KM, Riche DM, Henyan NN, eds. *Handbook of Clinical Drug Data*, 11th ed. New York, NY: McGraw Medical; 2010:677-94.

Dupuis LL, Boodhan S, Sung L, Portwine C, Hain R, McCarthy P, Holdsworth MT. Pediatric Oncology Group of Ontario Guideline for Classification of the Acute Emetogenic Potential of Antineoplastic Medication in Pediatric Cancer Patients.

**Mercier, Renee Claude**

Mercier RC. 2010. Aminoglycosides. In Smith, K.M., D.M. Riche, and N.N. Henyan (eds). *Clinical Drug Data*. 11th ed., Ch. 6, PP. 75-82, McGraw-Hill, New York, NY.

Mercier RC, GJ Mertz. 2010. Aciclovir. In: Grayson, L. (ed), *Kucer's The Use of Antibiotics*. 6th ed. Ch. 209, PP. 2333-60, Hodder & Stoughton Ltd, London, England.

GJ Mertz, RC Mercier. 2010. Valaciclovir. In: Grayson, L. (ed), *Kucer's The Use of Antibiotics*. 6th ed. Ch. 210, PP. 2361-9, Hodder & Stoughton Ltd, London, England.

**Nawarskas, James**

Bakhireva LN, Shainline MR, Carter S, Robinson S, Beaton SJ, Nawarskas JJ, Gunter MJ. Synergistic effect of statins and postmenopausal hormone therapy in the prevention of skeletal fractures in elderly women. *Pharmacotherapy* 2010;30:879-87.

Anderson JR, Nawarskas JJ. Pharmacotherapeutic management of pulmonary arterial hypertension. *Cardiol Rev* 2010;18:148-162.

Neff KM, Nawarskas JJ. Hydrochlorothiazide versus chlorthalidone in the management of hypertension. *Cardiol Rev* 2010;18:51-56.

**Norenberg, Jeffrey**

Nayak TK, Dennis MK, Ramesh C, Burai R, Atcher RW, Sklar LA, Norenberg JP, Hathaway HJ, Arterburn JB, Prossnitz ER. Influence of charge on cell permeability and tumor imaging of GPR30-targeted 111in-labeled nonsteroidal imaging agents. *ACS Chem Biol* 2010; 5(7):681-690.

Aillon KL, El-Gendy N, Dennis C, Norenberg, JP, McDondald J, Berkland C. Iodinated NanClusters as an Inhaled Computed Tomography Contrast Agent for Lung Visualization. *Molecular Pharmaceutics*, 2010;7(4):1274-1282.

Norenberg JP, Petry NA, Schwarz S. Operation of a Radiopharmacy for a Clinical Trial. *Seminars in Nuclear Medicine* 2010;40(5):347-356.

**Raisch, Dennis W.**

Steadman E, Raisch DW, Bennett CL, Esterly JS, Becker T, Postelnick M, McKoy JM, Trifilio S, Yarnold PR, Scheetz MH. Evaluation of a potential clinical interaction between ceftriaxone and calcium. *Antimicrob Agents Chemother* 2010;54:1534-40.

Norris LB, Qureshi ZP, Bookstaver PB, Raisch DW, Sartor O, Chen H, Chen F, Bennett CL. Polysorbate 80 hypersensitivity reactions: a renewed call to action. *Community Oncol* 2010;7:425-8.

Mason A, Drummond M, Ramsey S, Campbell J, Raisch D. Comparison of anticancer drug coverage decisions in the United States and United Kingdom: does the evidence support the rhetoric? *J Clin Oncol* 2010;28:3234-8.

Guo JJ, Pandey S, Doyle J, Bian B, Lis Y, Raisch DW. A review of quantitative risk-benefit methodologies for assessing drug safety and efficacy-report of the ISPOR risk-benefit management working group. *Value Health* 2010;13:657-66.

Evens AM, Jovanovic BD, Su YC, Raisch DW, Ganger D, Belknap SM, Dai MS, Chiu BC, Fintel B, Cheng Y, Chuang SS, Lee MY, Chen TY, Lin SF, Kuo CY. Rituximab-associated hepatitis B virus (HBV) reactivation in lymphoproliferative diseases: meta-analysis and examination of FDA safety reports. *Ann Oncol* 2010.

Campbell HM, Khan N, Cone C, Raisch DW. Relationship between diet, exercise habits, and health status among patients with diabetes. *Res Social Adm Pharm* 2010.

Bennett CL, Adegroro OS, Calhoun E, Raisch DW. Beyond the black box: drug- and device-associated hypersensitivity events. *Drug, Healthcare and Patient Safety* 2010;2:1-5.

**Ray, Gretchen**

Ray, GM, Anderson JR. (2010) Cardiotoxicity associated with thiazolidinediones. In: Charlene A McQueen, Comprehensive Toxicology, 2nd Edition. *Cardiovascular Toxicology*, Vol. 6, pp. 403-411. Oxford Elsevier: Academic Press.

**Salazar, Krista**

New Mexico Health Care Takes on Diabetes: *Diabetes Resources: Practical Information for New Mexico Health Care Professionals*, a quarterly publication for clinicians, Vol. 14 No. 1, 2010

**Troutman, William**

Benson BE, Spyker DA, Troutman WG, Watson WA, Bakhireva LN. Amlodipine toxicity in children less than 6 years of age: A dose-response analysis using National Poison Data System data. *J Emerg Med.* 2010;39:186-93.

**Vilay, Aloun Mary**

Vilay AM, Mueller BA, Haines H, Alten JA, Askenazi DA. Treatment of methotrexate intoxication with various modes of continuous extracorporeal therapy and glucarpidase: A case report. *Pharmacotherapy* 2010; 30: 53e-58e.

Vilay AM, Shah KH, Churchwell MD, Patel JH, DePestel DD, Mueller BA. Modeled dalbavancin transmembrane clearance during intermittent and continuous renal replacement therapies. *Blood Purif* 2010; 30:37-43.

Vilay AM, Mueller BA. Drug dosing in acute kidney failure and during kidney replacement therapy. In: Jörres A, Ronco C, Kellum JA, eds. Management of acute kidney problems. 1st ed. Heidelberg, Germany: *Springer Verlag*, 2010: 241-252.

Review: "Contributions to Nephrology. Vol 165: Cardioreneal syndrome in critical care." *Ann Pharmacother* 2010; 44: 2044-2045.

## PHARMACEUTICAL SCIENCES

### **Burchiel, Scott**

Li, Q, Lauer FT, Liu, KJ, Hudson, LG, and Burchiel, SW. (2010) Low Dose Synergistic Immunosuppression of T-Dependent Antibody Responses by Polycyclic Aromatic Hydrocarbons and Arsenic in C57BL/6J Mice Spleen Cells, *Toxicol Appl Pharmacol*, 245, 344-351.

### **Campen, Matthew**

Campen MJ, Lund AK, Doyle-Eisele ML, McDonald JD, Knuckles TL, Rohr AC, Knipping EM, Mauderly JL. A comparison of vascular effects from complex and individual air pollutants indicates a role for monoxide gases and volatile hydrocarbons. *Environ Health Perspect*. 2010 Jul;118(7):921-7.

Torres SM, Divi RL, Walker DM, McCash CL, Carter MM, Campen MJ, Einem TL, Chu Y, Seilkop SK, Kang H, Poirier MC, Walker VE. In utero exposure of female CD-1 mice to AZT and/or 3TC: II. Persistence of functional alterations in cardiac tissue. *Cardiovasc Toxicol*. 2010 Jun;10(2):87-99.

McDonald JD, Doyle-Eisele M, Campen MJ, Seagrave J, Holmes T, Lund A, Surratt JD, Seinfeld JH, Rohr AC, Knipping EM. Cardiopulmonary response to inhalation of biogenic secondary organic aerosol. *Inhal Toxicol*. 2010 Feb;22(3):253-65.

Campen MJ, Lund AK, Knuckles TL, Conklin DJ, Bishop B, Young D, Seilkop S, Seagrave J, Reed MD, McDonald JD. Inhaled diesel emissions alter atherosclerotic plaque composition in ApoE(-/-) mice. *Toxicol Appl Pharmacol*. 2010 Feb 1;242(3):310.

### **Feng, Changjian**

Feng, Changjian; Fan, Weihong; Dupont, Andrea; Guillemette, J. Guy.; Ghosh, Dipak K.; Tollin, Gordon. (2010) Electron transfer in a human inducible nitric oxide synthase oxygenase/FMN construct co-expressed with the N-terminal globular domain of calmodulin, *FEBS Lett*. 584, 4335-4338.

Astashkin, Andrei V.; Elmore, Bradley O.; Fan, Weihong; Guillemette, J. Guy.; Feng, Changjian. (2010) Pulsed EPR determination of the distance between heme iron and FMN centers in a human inducible nitric oxide synthase, *J. Am. Chem. Soc.* 132, 12059-12067.

### **Hudson, Laurie**

Zeineldin R, Muller CY, Stack MS, Hudson LG. Targeting the EGF receptor for ovarian cancer therapy. *J Oncol*. 2010;2010:414676.

Zeineldin R, Ning Y, Hudson LG. The constitutive activity of epidermal growth factor receptor vIII leads to activation and differential trafficking of wild-type epidermal growth factor receptor and erbB2. *J Histochem Cytochem*. 2010 Jun;58(6):529-41.

Li Q, Lauer FT, Liu KJ, Hudson LG, Burchiel SW. Low-dose synergistic immunosuppression of T-dependent antibody responses by polycyclic aromatic hydrocarbons and arsenic in C57BL/6J murine spleen cells. *Toxicol Appl Pharmacol*. 2010 Jun 15;245(3):344-51.

Hudson LG, Gale JM, Padilla RS, Pickett G, Alexander BE, Wang J, Kusewitt DF. Microarray analysis of cutaneous squamous cell carcinomas reveals enhanced expression of epidermal differentiation complex genes. *Mol Carcinog.* 2010 Jul;49(7):619-29.

Shirley SH, Hudson LG, He J, Kusewitt DF. The skinny on Slug. *Mol Carcinog.* 2010 Oct;49(10):851-61. Review.

### **Liu, Jim**

M. Miyake, S.R. Burks, J. Weaver, P. Tsai, W. Liu, D. Bigio, K.S. Bauer, K.J. Liu, G.M. Rosen, J. P.Y. Kao, Comparison of two nitroxide labile esters for delivering electron paramagnetic resonance probes into mouse brain, *J. Pharmaceutical Sci.*, 99, 3594-600 (2010).

Q. Li, F.T. Lauer, K.J. Liu, L.G. Hudson, S.W. Burchiel, Low-dose synergistic immunosuppression of T-dependent antibody responses by polycyclic aromatic hydrocarbons and arsenic in C57BL/6J murine spleen cells, *Toxicol. Appl. Pharmacol.*, 245, 344-351(2010).

Z. Yuan, W. Liu, B. Liu, A. Schnell, K.J. Liu, Normobaric hyperoxia delays and attenuates early nitric oxide production in focal cerebral ischemic rats, *Brain Research*, 1352, 248-254 (2010).

L.B. Du, L.F. Wang, Y.P. Liu, H.Y. Jia, Y. Liu, K.J. Liu, Q. Tian, Effect of 2, 5-substituents on the stability of cyclic nitron superoxide spin adducts: A density functional theory approach, *Free Radical Research*, 44, 751-78 (2010).

X. Tang, K.J. Liu, J. Ramu, Q. Chen, T. Li, W. Liu, Inhibition of gp91phox contributes towards normobaric hyperoxia afforded neuroprotection in focal cerebral ischemia, *Brain Research*, 1348, 174-180 (2010).

### **Liu, Wenlan**

Miyake M, Burks SR, Weaver J, Tsai P, Liu W, Bigio D, Bauer KS, Liu KJ, Rosen GM, Kao JPY. Comparison of two nitroxide labile esters for delivering electron paramagnetic resonance probes into mouse brain. *J. Pharm. Sci.* 2010; 99:3594-3600.

Tang X, Liu KJ, Ramu J, Chen Q, Li T, Liu W. Inhibition of gp91(phox) contributes towards normobaric hyperoxia afforded neuroprotection in focal cerebral ischemia. *Brain Res.* 2010; 1348:174-180.

Yuan Z, Liu W, Schnell A, Liu B, Liu KJ Normobaric hyperoxia delays and attenuates early nitric oxide production in focal cerebral ischemic rats. *Brain Res.* 2010; 1352:248-54.

### **Miao, Yubin**

Haixun Guo, Jianquan Yang, Fabio Gallazzi, Yubin Miao. Reduction of the ring size of radiolabeled lactam bridge-cyclized alpha-MSH peptide resulting in enhanced melanoma uptake. *Journal of Nuclear Medicine* 2010;51:418-426.

Jianquan Yang, Haixun Guo, Yubin Miao. Technetium-99m-labeled Arg-Gly-Asp-conjugated alpha-melanocyte stimulating hormone hybrid peptides for human melanoma imaging. *Nuclear Medicine and Biology* 2010;37:873-883.

Jianquan Yang, Haixun Guo, Yubin Miao. A novel Tc-99m-labeled Arg-Gly-Asp-conjugated alpha-melanocyte stimulating hormone hybrid peptide with enhanced melanoma uptake and reduced renal uptake. *Technetium and Other Metals in Chemistry and Nuclear Medicine 8*, Mazzi U. Eckelman WC., Volkert WA. Eds., Servizi Grafici Editoriali: Padova, Italy. 2010; pp. 303-306.

Jianquan Yang, Haixun Guo, R. Steven Padilla, Marianne Berwick, Yubin Miao. Replacement of the Lys linker with an Arg linker resulting in improved melanoma uptake and reduced renal uptake of Tc-99m-labeled Arg-Gly-Asp-conjugated alpha-melanocyte stimulating hormone hybrid peptide. *Bioorganic & Medicinal Chemistry* 2010;18:6695-6700.

Thomas P. Quinn, Xiuli Zhang and Yubin Miao. Targeted melanoma imaging and therapy with radiolabeled alpha-melanocyte stimulating hormone peptide analogues. *Giornale Italiano Di Dermatologia E Venereologia* 2010;145:245-258.

### **Muttill, Pavan**

P. Muttill, B. Pulliam, L. Garcia Contreras, J. Fallon, C. Wang, A.J. Hickey and D. A. Edwards Pulmonary Immunization of Guinea Pigs with Diphtheria CRM-197 antigen as Nanoparticle Aggregate dry-powders enhance Local and Systemic Immune Responses *AAPS journal* (2010) 12 (4), 699-707.

P. Muttill, C. Prego, L. Garcia Contreras, B. Pulliam, J. Fallon, C. Wang, A.J. Hickey and D. A. Edwards Immunization of guinea pigs with novel Hepatitis B antigen as nanoparticle aggregate powders administered by the pulmonary route *AAPS journal* (2010) 12 (3), 330-337.

D. Lu, L. Garcia Contreras, P. Muttill, D. Padilla, D. Xu, J. Liu, M. Braunstein, D. N. McMurray, A. J. Hickey Pulmonary immunization using antigen 85-B polymeric microparticles to boost tuberculosis immunity *AAPS journal* (2010) 12 (3), 338-347.

B. Yadav, P. Muttill, A. K. Singh, R. K. Verma, M. Mohan, A. K. Agrawal, A. S. Verma, S. K. Sinha, A. Misra Microparticles induce variable levels of activation in macrophages infected with *Mycobacterium tuberculosis Tuberculosis* (2010) 90 (3), 188-196.

L. Garcia-Contreras, J. C. Sung, P. Muttill, D. Padilla, M. Telko, J. L. VerBerkmoes, K. J. Elbert, A. J. Hickey, and D. A. Edwards Dry powder PA-824 aerosols for the treatment of tuberculosis in guinea pigs *Antimicrobial Agents and Chemotherapy* (2010) 54 (4), 1436-1442.

### **Thompson, Todd**

Thompson, T.A. Oncology/Hematology Pharmacogenomics. In: Zdanowicz, M.M. (ed.) *Concepts in Pharmacogenomics*. American Society of Health-System Pharmacists, 2010.

### **Timmins, Graham**

Carnes, E. C., D. M. Lopez, N. P. Donegan, A. Cheung, H. Gresham, G. S. Timmins, and C. J. Brinker. 2010. Confinement-induced quorum sensing of individual *Staphylococcus aureus* bacteria. *Nature Chemical Biology* 6:41-45.

Felton, L. A., P. P. Shah, Z. Sharp, V. Atudorei, and G. S. Timmins. 2010. Stable isotope-labeled excipients for drug product identification and counterfeit detection. *Drug Dev Ind Pharm*, Jun 2010.

Jassal, M. S., G. G. Nedeltchev, J. H. Lee, S. W. Choi, V. Atudorei, Z. D. Sharp, V. Deretic, G. S. Timmins, and W. R. Bishai. 2010. <sup>13</sup>C-urea breath test as a novel point-of-care biomarker for tuberculosis treatment and diagnosis. *PLoS One* 5:e12451.

**Walker, Mary**

Kopf, P.G. and M.K. Walker. 2010. 2,3,7,8-Tetrachlorodibenzo-*p*-dioxin increases reactive oxygen species production in human endothelial cells via induction of cytochrome P4501A1. *Toxicol. Appl. Pharmacol.*, 245(1):91-9.

Kopf, P.G., J.A. Scott, L.N. Agbor, K.M. Elased, J.K. Huwe, and M.K. Walker. 2010. Cytochrome P4501A1 is required for vascular dysfunction and hypertension induced by 2,3,7,8-tetrachlorodibenzo-*p*-dioxin. *Toxicol. Sci.*, July 2010.

Zhang, N., L.N. Agbor, J.A. Scott, T. Zalobowski, K.M. Elased, A. Trujillo, M. Skelton Duke, V. Wolf, M.T. Walsh, J.L. Born, L.A. Felton, J. Wang, W. Wang, N.L. Kanagy, and M.K. Walker. 2010. An activated renin-angiotensin system maintains normotension in aryl hydrocarbon receptor heterozygous mice but not null mice. *Biochem. Pharmacol.*, 80(2):197-204.

de Frutos, C. Nitta, E. Caldwell, N.L. Kanagy, J. Wang, W. Wang, M.K. Walker and Laura Gonzalez Bosc. 2010. NFATc3 contributes to intermittent hypoxia-induced arterial remodeling in mice. *Am. J. Physiol. Heart Circ. Physiol.*, May 2010.

**Weaver, John**

Miyake M, Burks SR, Weaver J, Tsai P, Liu W, Bigio D, Bauer KS, Liu KJ, Rosen GM and Kao JPY (2010). Comparison of Two Nitroxide Labile Esters for Delivering Electron Paramagnetic Resonance Probes into Mouse Brain. *J of Pharm Sci.* 99, 3594-3600.

## UNIVERSITY LIBRARIES

### **Aguilar, Paulita**

Aguilar, Paulita, Kathleen Keating, and Sue Swanback. "Click it, no more tick it: Online Reference Statistics." *Reference Librarian*, 51 (2010): 290-299.

### **Awe, Susan C.**

"Start-Up Success." *Library Journal*, 135(8): 34-36; May 1, 2010.

Statistics and Demography chapter in *Guide to Reference*, Online Edition. Edited by Denise Bennett. Chicago: ALA, 2010.

Review: Allbusiness. Internet Resource at <http://www.allbusiness.com> *Choice*, October 2010.

Review: Cassell, Kay Ann, and Hiremath, Uma. *Reference and Information Services in the 21st Century: An Introduction*. 2nd ed. Booklist, February 1, 2010, 106(11), p. 71.

Review: Giesecke, Joan. *Fundamentals of Library Supervision*. Booklist, July 1, 2010, 106(21), p. 80.

Review: Ivey, Darren L. *The Texas Rangers: A Registry and History* and Harris, Charles H. *Texas Ranger Biographies: Those Who Served 1910-1921*. Booklist, July 1, 2010, 106(21), p. 77.

Review: Roberts, Ann. *Crash Course in Library Services to People with Disabilities*. Booklist, August 1, 2010, 106(22), p. 74.

Review: *QFinance: The Ultimate Resource*. Booklist, March 1, 2010, 106(13), p. 92.

Review: Willett, Julie. *The American Beauty Industry Encyclopedia*. Booklist, September 15, 2010, 107 (2) p. 78.

### **Bedard, Martha A.**

Martha Bedard and Johann van Reenen. "The e-research center: Transforming a traditional science library." *Proceedings of the International Association of Scientific and Technological University Libraries, 31st Annual Conference*, June 20-24, 2010, Purdue University, West Lafayette, Indiana. Purdue University e-Pubs.

### **Benaud, Claire-Lise**

Benaud, Claire-Lise. "Exile and Montage: Josep Renau's Reckoning with Community and Self." *Sin Frontera: Revista Académica y Literaria, Primavera* (2010): 16 pgs. Co-author: Suzanne M. Schadl.

### **Dennis, Nancy**

*Comprehensive Guide to Emergency Preparedness and Disaster Recovery*. Chicago, IL: American Library Association (ACRL), 2010. (Frances C. Wilkinson, Linda K. Lewis and Nancy K. Dennis.)



**Jackson, Amy S.**

Jackson, Amy S. "Library and Information Science" in *Magazines for Libraries*, 19th ed., edited by Cheryl LaGuardia, New Providence, NJ: Bowker, 2010.

Review: *Content Management Systems in Libraries: Case Studies*, edited by Bradford Lee Eden, Lanham, Maryland: Scarecrow Press, Inc. *Technical Services Quarterly*, 27, no.3 (2010).

**Keating, Kathleen**

Aguilar, Paulita, Kathleen Keating, and Sue Swanback. "Click it, no more tick it: Online Reference Statistics." *Reference Librarian*, 51 (2010): 290-299.

Exhibition: New Mexico State Expo, Professional Arts Competition, Albuquerque, New Mexico, September 5-26, 2010.

Exhibition: University Libraries Group Show, UNM Fine Arts and Design Library, University of New Mexico, September 2010.

**Lubas, Rebecca**

Lubas, Rebecca. "Do you speak Multimedia Metadata?" *International Cataloging and Bibliographic Control*, v.39, no.3, July/September 2010, pp. 63-64.

**Schadl, Suzanne M.**

"Exile and Montage: Josep Renau's Reckoning with Community and Self." *Sin Frontera: Revista Académica y Literaria*, Primavera (2010): 16 pp. Co-author: Claire-Lise Benaud.

**van Reenen, Johann**

Martha Bedard and Johann van Reenen. "The e-research center: Transforming a traditional science library." *Proceedings of the International Association of Scientific and Technological University Libraries, 31st Annual Conference*, June 20-24, 2010, Purdue University, West Lafayette, Indiana. Purdue University e-Pubs.

Review: Peter J. T. Morris. Editor. *Science for the Nation: Perspectives on the History of the Science Museum*, Palgrave Macmillan, 2010, *Choice*, August 2010.

Review: Antonella Corradini and Timothy O'Connor, Editors. *Emergence in science and philosophy*. Routledge, 2010, *Choice*, October 2010.

Mitchell, Sandra D. *Unsimple truths: Science, complexity, and policy*, 2009. *Choice*, June 2010.

**Wilkinson, Frances, C**

*Comprehensive Guide to Emergency Preparedness and Disaster Recovery*. Chicago, IL: American Library Association (ACRL), 2010. (Frances C. Wilkinson, Linda K. Lewis and Nancy K. Dennis.)