2002

The University of New Mexico Health Sciences Center Annual Report on Research Fiscal Years 2001 - 2002

UNM Health Sciences Center

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RESEARCH for the 21st CENTURY

THE University OF New Mexico HEALTH SCIENCES CENTER

ANNUAL REPORT ON RESEARCH
FISCAL YEARS 2001 - 2002
The University of New Mexico Health Sciences Center has made tremendous strides in expanding multidisciplinary biomedical research in New Mexico. This effort has resulted in the phenomenal growth of sponsored projects (research grants and contracts) from $27 million in 1990 to $107 million in fiscal year 2002.

### MILLION DOLLAR RESEARCH GRANTS RECEIVED IN FY01*

<table>
<thead>
<tr>
<th>Program</th>
<th>Dollars</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integrative Programs in CNS Pathophysiology Research</td>
<td>$1,927,346</td>
</tr>
<tr>
<td>National Diabetes Prevention Center</td>
<td>$2,300,000</td>
</tr>
<tr>
<td>Biomedical Genomics and Genome Informatics</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>General Clinical Research Center</td>
<td>$2,560,093</td>
</tr>
<tr>
<td>Immune Dysregulation and Allergic Asthma (SCOR)</td>
<td>$1,194,708</td>
</tr>
<tr>
<td>SEER Core</td>
<td>$1,232,448</td>
</tr>
</tbody>
</table>

### MILLION DOLLAR RESEARCH GRANTS RECEIVED IN FY02*

<table>
<thead>
<tr>
<th>Program</th>
<th>Dollars</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rapid Vaccine Development</td>
<td>$1,000,000</td>
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<tr>
<td>Clinical Trial</td>
<td>$1,042,312</td>
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<tr>
<td>SEER Core</td>
<td>$1,164,036</td>
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<tr>
<td>Molecular Taxonomy in Pediatrics</td>
<td>$1,174,295</td>
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<tr>
<td>Prophylaxis of Adrenal Insufficiency to Prevent CLD</td>
<td>$1,271,719</td>
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<tr>
<td>Inhalation of Uranium Oxide Aerosols</td>
<td>$1,276,220</td>
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<tr>
<td>Complex Biosignatures of Infection</td>
<td>$1,458,210</td>
</tr>
<tr>
<td>Immune Dysregulation in Allergic Asthma (SCOR)</td>
<td>$1,470,891</td>
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<tr>
<td>Clinical Trial</td>
<td>$1,527,976</td>
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<tr>
<td>Integrated Program in CNS Pathophysiology Research</td>
<td>$1,913,708</td>
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<tr>
<td>Complex Biosignatures of Infection</td>
<td>$2,106,822</td>
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<td>General Clinical Research Center</td>
<td>$2,705,036</td>
</tr>
<tr>
<td>Laboratory Floor for Toxicology and Environmental Disease Research</td>
<td>$3,000,000</td>
</tr>
</tbody>
</table>

* Amounts reflect annual revenue.

### Technology Transfer and Marketing

The UNM Health Sciences Center commercializes the results of its research to support economic development in New Mexico and to help create a healthier community. Inventions are patented and licensed to biotechnology, pharmaceutical and medical device companies by Science & Technology Corporation (STC). The University of New Mexico established STC in 1995 to protect and license the University’s innovative technology and move valuable research discoveries into the market.

Please visit the Science & Technology Corporation @ UNM website at: [http://stc.unm.edu/](http://stc.unm.edu/)

### Modern Facilities and Funded Centers

The UNM Health Sciences Center works diligently to develop and maintain the infrastructure necessary to support growth of the research enterprise. The concept of shared research facilities is greatly enhanced by the adjacency of key programs. This concept will be expanded in the UNM Health Sciences Center’s Research Building — a new research facility that will accommodate linked programs in:

- Health promotion and disease prevention
- Toxicology and environmental diseases
- Cardiovascular and kidney diseases

The UNM Health Sciences Center operates numerous federally-funded centers of excellence including the General Clinical Research Center, Health Promotion and Disease Prevention Research Center, National Diabetes Prevention Center, the Environmental Health Center that examines Respiratory Diseases in Native Americans, and the Cancer Research and Treatment Center, currently operating under a planning grant in anticipation of receiving designation as a National Cancer Institute Comprehensive Cancer Center. An industry-funded Clinical Trials Center further supports innovative disease monitoring and treatment.
Partnerships Leverage Funds, Facilities, and Expertise

The UNM Health Sciences Center strives to form the multidisciplinary and community partnerships that promote translational research in New Mexico and across the nation. The UNM Health Sciences Center benefits considerably from partnerships developed as a result of its close proximity to such outstanding scientific resources as:

- Sandia National Laboratories
- Los Alamos National Laboratory
- Lovelace Respiratory Research Institute
- The Mental Illness and Neurosciences Discovery (MIND) Institute
- New Mexico Veterans Affairs Health Care System.

As the world enters a new era of research innovation and translation, the UNM Health Sciences Center will continue the inexhaustible pursuit of excellence necessary to establish and maintain a leadership role in the global biomedical research community.

Industry Partners 2001-2002

The UNM Health Sciences Center proudly promotes biotechnological advances through partnerships with other organizations including:

Abbott Laboratories
Adeza Biomedical Corporation
Agouron Pharmaceuticals
Alcoholic Beverage Medical Research Foundation
Alcon Research Ltd.
American Legacy Foundation
Amgen, Inc.
Antigenics, Inc.
Applied Research Associates
AstraZeneca Pharmaceuticals LP
Aventis Pharmaceuticals
B&B Clinical Innovations, Inc.
Berlex Laboratories, Inc.
Biogen, Inc.
Boehringer Ingelheim Pharmaceuticals
Bristol Myers Squibb, Inc.
CH2M Hill, Inc.
Chiron Corporation
DuPont Pharmaceuticals Company
Eli Lilly & Company
Forest Laboratories, Inc.
Genentech, Inc.
Genesoft, Inc.
Genetics Institute
GENTA Incorporated
Genzyme Corporation
Gilead Sciences, Inc.
Glaxo Wellcome, Inc.
GlaxoSmithKline
Hoffman La-Roche, Inc.
Howmedica Osteonics
IDEC Pharmaceuticals
Immunex Corporation
Integrated Therapeutics Group
Janssen Pharmaceuticals, Inc.
Kendle International, Inc.
Kestrel Corporation
La Familia Medical Center
Macrogenics, Inc.
Marnac, Inc.
Matrix Pharmaceutical, Inc.
Merck & Company, Inc.
National Foundation for Functional Brain Imaging
National Marrow Donor Program
Novartis Pharmaceuticals Corporation
Omnicare Clinical Research
Pfizer, Inc.
Pharmacia & Upjohn
Philip Morris
Purdue Pharma L.P.
Quest Diagnostics, Inc.
Quintiles, Inc.
Research Triangle Institute
Roche Laboratories, Inc.
ROW Sciences
SmithKline Beecham Pharmaceuticals, Inc.
Southwest Perinatology, PC
Spectrum Healthcare Resources, Inc.
SulzerMedica
SynZyme Technologies, Inc.
Takeda Pharmaceuticals North America, Inc.
Teva Marion Partners
Thermo BioStar Inc.
Third Wave Technologies
TPL, Inc.
Transgene, Inc.
Warner-Lambert Company
Wellspring Pharmaceutical Corp.
Wyeth-Ayerst Research

For additional information about the UNM Health Sciences Center, please contact the Office of the Vice President for Health Sciences at (505) 272-5849 or visit our website at http://hsc.unm.edu