

From: Ken Vance-Borland <kenvb@fsl.orst.edu>
To: Multiple recipients of list <bene@straylight.tamu.edu>
Subject: Re: beyond reserves: another potentially positive approach
Date: Sun, 15 Jan 1995 16:28:20 +0600

In response to Margaret Corbit's posting regarding involving school children in ownership of their local landscape, I recently learned that the Green City Data Project has been underway in the Portland, OR, metro area since 1991. The goals of the project are:

1. To enlist middle and high school students in collecting data to support regional planning and management of urban natural areas.
2. To increase community awareness and involvement in natural resource issues.
3. To foster young people's stewardship of these areas.
4. To provide a hands-on outdoor laboratory for environmental education.

We are organizing to bring this project to Corvallis.

For more information, contact:

Jennifer Devlin, Education Director
Audobon Society of Portland
5151 N.W. Cornell Road
Portland, Or 97210
(503)292-6855

Ken Vance-Borland
Department of Fisheries and Wildlife
Oregon State University

DATE: 13 November 1992
TO: LTER Executive Committee
FROM: Judy Meyer

Here, with some trepidation is the proposal for a national competition for high school students to work at LTER sites. Why trepidation? Two reasons:

1. I wonder how eagerly the sites will bite on this? Will the PIs view this as a benefit or yet another obligation?
2. In the cover letter accompanying this proposal to Mary, we have to emphasize that this proposal should not be supported with funds from DEB. The money for this has to come from the education section. It simply cannot come from the already strapped research budgets. If not, I totally dissociate myself from this proposal.

If you have comments on this, send them to me. On 18 November I'll send the revised version to Jerry, and he can then officially send it to Mary.

Proposal for a National Competition for High School Students to Do Research at LTER Sites

The network of long-term ecological research sites offers an opportunity for high school students to be introduced to the world of science in an exciting environment. Many students have become attracted to scientific careers because of an interest in the natural world, stimulated by exposure to natural areas or by nature programs on television. A summer spent doing a research project at an LTER site would capitalize on this interest, teach the student about how one does scientific research, and stimulate the student to pursue a career in science.

We also envision participation in each program by high school science teachers to help supervise the students on site. This would have the additional benefit of exposing the teachers to state-of-the-art environmental research that would carry over into their classroom teaching.

To be an effective program, we need to attract the best high school students; hence we are proposing a national competition. This would also enhance the visibility of the program. The NSF predoctoral fellowship program and REU program have been extremely successful in attracting advanced students. The proposed program would reach out to younger students.

A feasible beginning would be a program for about fifty students, five at each of ten LTER sites. Each site would need one scientist to oversee the projects, and two high school science teachers to provide continuous supervision of the students and to help the scientist develop projects that are feasible for high school students.

We estimate a cost of \$5000 per student, including stipends and administrative costs. Each site would also require about \$20,000 per site to support the supervising scientists and high school teachers. Hence if there will be programs for fifty students at ten sites, approximately \$450,000 would be necessary. Some additional funds would be necessary to advertise and administer the national competition.

Judy Meyer / Zoology Dept. UGA
Athens, GA 30602 Phone #: (706) 542-3363 / E-mail: meyer@zookeeper.zoo.uga.edu

To: jfranklin, jgosz
Subject: What You Said
Date: Fri, 13 Nov 92 15:53:04 EST
From: "James T. Callahan" <jcallaha@nsf.gov>

Jerry and Jim--

Apparently you guys said something to Mary Clutter during your session with her about a "national competition" to involve high school students/teachers in LTER projects in the summer periods. What the hell did you say? She now wants to try to find a way to run with it and it is falling in our laps.

Here's what you gots to do:

- Give me - ASAP - your thoughts on what it ought to be, how it would work, how much it would cost, and anything else you can think of.

Our thoughts - i.e. Edwards and me - are ----

- @4#%&^*(%#@\$^*(&^%\$# on you for not warning us!!!
- We can't do a national competition with less than a year's notice.
- We could, given the money, do a supplement thing this FY with individual LTER projects.
- We want to involve BOTH HS students AND teachers. In the supplement case for this year, it would probably have to be students of a teacher who was already close by an LTER project.

Waiting to hear from you.

Tom Callahan

From: John Vande Castle <jvc@lternet.edu>
To: LTER Principal Investigators <pi@lternet.edu>
Subject: LTER EXEC D.C. Meeting adn Appropriations Committee information
Date: Wed, 2 Feb 1994 12:05:36 -0800 (PST)

The LTER Executive Committee had a productive meeting in Washington D.C. this past weekend, which included discussions with NSF personnel on Monday. Jerry Franklin will be distributing a summary of the meeting soon. Prior to this meeting I attended an NSF funded TERC workshop on "Incorporation of GIS into pre-college education". My role represented LTER as a scientific resource for education/research linkages - which was also discussed during the LTER-EXEC/NSF meetings. This would need coordination, but sites might be interested if coordination and funding became available. Merrill Ridd, who attended the conference has just received NSF funding to develop curriculum to include exposure to, and use of GIS in pre-college education, and is interested in potential linkages. A full report from the conference will be available from TERC. Other discussions lead to NSF funding status, and discussion of information regarding sites providing information to members of Senate Appropriations committees (not as a lobbying effort, but perhaps to let them know what an LTER is, and that one or more was present in their state/district).

-jvc

John Vande Castle, Long-Term Ecological Research (LTER) - Network Office
Univ. of Washington, College of Forest Resources, AR-10, Seattle WA 98195
Phone: 206 543-6249 FAX: 206 685-0790 Email:jvc@lternet.edu

----- Forwarded message -----
To: jvc@lternet.edu
Subject: Appropriations Committees

Subject: Senate Appropriations Action

On September 8, 1993, the Senate Appropriations Subcommittee on VA, HUD, and Independent Agencies marked up and reported their version of the FY 1994 appropriations act. This bill contains funding recommendations for the National Science Foundation. Overall the Senate is recommending a total appropriation of \$2981.9 million, which would be almost a 9% increase over the FY 1993 level of \$2733.5 million and \$39.4 million below the House recommendation of \$3021.3 million.

For Research and Related, the Senate bill is recommending a total of \$1940 million. The House bill recommends \$2045 million. The Senate's recommendation is \$81 million or 4% above last year's level. For a new account renamed Research Infrastructure (which includes the Academic Research Facilities and Instrumentation program), the Senate is recommending an appropriation of \$125 million. The House bill recommends the budget request of \$55 million. For Education and Human Resources, the Senate is recommending \$569.6 million. This is identical to the House recommendation and represents an increase over FY 1993 of \$82.1 million or nearly 17%. For Salaries and Expenses, the Senate is recommending an appropriation of \$115.5 million -- an increase of \$4 million over last year, but \$5.5 million below the House's FY 1994 level.

In other accounts, the Subcommittee is recommending an

appropriation of \$2 million for the Critical Technologies Institute -- an increase of \$1 million above the request and House level; \$5.2 million for relocation expenses -- an amount equal to the House; and \$3.99 million for the Office of Inspector General -- an amount equal to the House recommendation.

Mark up by the full Senate Appropriations Committee is expected tomorrow, September 9. Floor action in the Senate, followed by a conference between House and Senate members, is likely during the week of September 20. Conferees will be the members of the House and Senate Appropriations Subcommittees on VA, HUD, and Independent Agencies with the key issues for NSF being the recommendations for Research and Related, the facilities/instrumentation program, and NSF salaries and expenses.

Major Program	FY93	FY94	%Inc	House	Senate	Conf
Research	1859	2204	18%	2045	1940	
Education	487	556	14%	570	570	
Polar Programs	221	228	3%	221	221	
Facilities & Instruments	50	55	10%	55	125	
Other	116	136	17%	131	127	
=====						
Total, NSF	2734	3180	16%	3024	2981	

House Appropriations Subcommittee on
VA, HUD, and Independent Agencies

Rep. Louis Stokes (D-OH), Chairman	Rep. Jerry Lewis (R-CA)
Rep. Alan Mollohan (D-WV)	Rep. Tom DeLay (R-TX)
Rep. Jim Chapman (D-TX)	Rep. Dean Gallo (R-NJ)
Rep. Marcy Kaptur (D-OH)	
Rep. Esteban Torres (D-CA)	
Rep. Ray Thornton (D-AR)	

Senate Appropriations Subcommittee on
VA, HUD, and Independent Agencies

Sen. Barbara Mikulski (D-MD), Chair	Sen. Phil Gramm (R-TX)
Sen. Patrick Leahy (D-VT)	Sen. Al D'Amato (R-NY)
Sen. Bennett Johnston (D-LA)	Sen. Don Nickles (R-OK)
Sen. Frank Lautenberg (D-NJ)	Sen. Chris Bond (R-MO)
Sen. Robert Kerrey (D-NE)	Sen. Conrad Burns (R-MT)
Sen. Dianne Feinstein (D-CA)	

- ----- End of Forwarded Message

DATE: 13 November 1992 TO: LTER Executive Committee FROM: Judy Meyer

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Judy Meyer / Zoology Dept. UGA

Date: Tue, 17 Nov 1992 10:59:53 -0800 (PST)
From: John Vande Castle <jvc@lternet.edu>
Subject: Re: ERDAS educational license
To: Gordon Smith <gsmith@lternet.washington.edu>
Cc: jfranklin@lternet.edu, gstought@lternet.edu

On Mon, 16 Nov 1992, Gordon Smith wrote:

> John, I recall you saying there are low cost ARC-INFO licenses for
> educational use. Might such things exist for ERDAS? Also, is there a
> university site license for ERDAS? Is \$2000/license already a cheap rate?
> Sounds steep to me. If we don't have a university site license, should
> we be seeking one? Maybe in the interim GRASS is not a bad temporary
> solution.
>
> I strongly believe the college needs to start providing GIS teaching. Are
> 10 workstations available in CQS? If so great. If not, I'm not sure what
> our research lab can provide....
>
> Gordon

After Talking with Jim Agee, I WILL be teaching FRM 590 in the winter quarter using the CQS facilities.

\$2000 is ERDAS's "standard" lab license cost. For the 10 workstations at CQS that is \$20,000 and CFR is never going to come up with that. I have already arrange the "site license" - it is the original LTER license which we converted from a single user to 5 user lab license for \$19,000 - Now their cost is \$2000/additional license added. This is steep in light of the fact that our base 5 cost \$3,800 each, and Frank Westerlund has added 2 more for his use (at the standard rate of \$2000/each) - but these aren't used to brainwash students into using the product, they are for research where some of us who are already brainwashed are using their product.

Yes it is true that GRASS is an alternative, but even Olympic National Park doesn't use it any more. ARC/Info could be an alternative, but I don't see the site license issue getting fixed, and believe it or not Earl Bell has spoken against me offering a course -- I think he is worried of me stepping on his feet - (aka competition for teaching ARC/Info) - However I am not interested in teaching ARC/Info - I want to teach GIS...

-jvc

Date: Tue, 17 Nov 92 16:16:57 EST
From: Judy Meyer <meyer@zookeeper.zoo.uga.edu>
To: jgosz%sevilleta.unm.edu@uga.cc.uga.edu
Cc: exec%lternet@uga.cc.uga.edu

Hi Jim -

Tom sounded a bit perturbed! As I recall, this came about when Mary asked us which of the LTER 2000 suggestions could be implemented quickly and we suggested that one. She seemed particularly enthusiastic about the national competition part of it.

Your proposal for a pilot plan seems reasonable. I have one concern (and it is the one also voiced by Tim Seastedt in his reply to my draft). I do not think this should come from the regular DEB budget. This is education, not research, and should be funded through the education program at NSF. This is particularly important in a year of budget cutbacks like this one. The scientists would scream bloody murder if already limited research funds were diverted to this project.

I am uncertain what to do with my brief proposal statement. I received no changes on it from anyone. However, since I will be out of town and out of touch from 19 - 29 November, and since you and Jerry have a copy of both my draft and your interim proposal, I won't send anything to anybody. I'll let you (or Jerry) send off whatever seems appropriate. Ball in your court.

- Judy

Judy Meyer
Zoology Dept. UGA
Athens, GA 30602 Phone #: (706) 542-3363
E-mail: meyer@zookeeper.zoo.uga.edu

Date: Tue, 17 Nov 92 16:27:06 EST
From: Judy Meyer <meyer@zookeeper.zoo.uga.edu>
To: jfranklin@lternet.washington.edu

Hi Jerry-

I have received no comments on my draft about the high school student program. Tim Seastedt did say he agreed with my cover letter comments complete. y. I sent comments to Jim Gosz regarding his suggestions (with a copy sent to exec@lternet), so please look for that among your email messages. You can do what you want with the draft proposal I sent you. It's up to you and Jim Gosz.

Judy Meyer
Zoology Dept. UGA
Athens, GA 30602 Phone #:(706) 542-3363
E-mail: meyer@zookeeper.zoo.uga.edu

Date: Mon, 16 Nov 1992 12:20:46 -0800 (PST)
From: John Vande Castle <jvc@lternet.edu>
Subject: Re: Tom's ... request
To: tcallahan@lternet.edu, James Gosz <jgosz@turututu.unm.edu>
Cc: exec@lternet.edu

Hey Tom, Jerry and Jim:

I seem to remember that we discussed this high school thing as a scoping task-
It boiled down to Mary requesting that Judy put a draft letter together,
with the "where to from here" coming after that. This was where I remember
what we said we might do on how to "increase undergraduate interest" in
this area of science. Sorry to generate work...
-jvc

On Sat, 14 Nov 1992, James Gosz wrote:

> --- Forwarded mail from "James T. Callahan" <jcallaha@nsf.gov>
>
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>
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