AGS Update

Sarah Ruth
UCAR Board of Trustees
October 2010
AGS News

Staff:
- Michael Morgan – Division Director from 6/21/2010
- Jarvis Moyers – now NCAR and Facilities Section Head
- Cliff Jacobs – GEO Front Office (Facilities)

AGS Strategic Plan Development:
- AGS Retreat November 2010
- Community Consultation
- Should guide next NCAR Strategic Plan
AGS Budget (Constant 2005 $)
by Major Activity
(in millions of dollars)
Review of NCAR

Cooperative Agreement:

- NSF will conduct a review of NCAR and UCAR Management and Operations at least once during the term of this CA, to include management issues, cost and performance objectives. Separate reviews may be held for any MREFC or other major projects funded under this CA at a time to be determined by mutual agreement.
- NSF will conduct a review of the NCAR science and facility programs at least once during the term of this CA. Specific guidelines for the review will be agreed upon by the NSF Program Officer and the Awardee.

Currently developing plans (charge, schedule etc.)

- Expect to focus on NSF base-funded science
- Science Review will take place during Spring – Summer 2011
  - Panel review of each lab (may have sub-panels)
- Management Review will follow Science Review
NSF Data Policy

Long-standing requirement:

“Investigators are expected to share with other researchers, at no more than incremental cost and within a reasonable time, the primary data, samples, physical collections and other supporting materials created or gathered in the course of work under NSF grants. Grantees are expected to encourage and facilitate such sharing.”

(p VI-8, Award & Administration Guide, NSF 10-1)
After mid-Jan 2011, all proposals must have a data management plan (supplemental doc, 2 pages max)

- If there is no plan, the proposal cannot be submitted
- Should say how the PI will conform to data policy associated with the competition to which the proposal is submitted. Or, if none exists, to NSF’s generic policy
- Plan will be part of the merit review considered as Intellectual Merit or Broader Impacts or both, as appropriate
- Plan may simply say “No plan is needed”, but must justify. Statement will be subject to peer & PO review/consideration
- Considering Divisional Guidelines/Policies
NSF’s FY 2011 Budget

- FY 2010 appropriation: $6,872.5 million
- FY 2011 Administration request: $7,424.4 M
- House subcommittee recommendation: $7,424.4 M, an increase of $551.9 M or 8.0% above 2010.
- Senate full committee recommendation: $7,353.4 million, an increase of $480.9 million or 7.0% above 2010.
NSF/GEO in 2011

Currently under a continuing resolution until December 3, 2010, probably longer

NSF-wide Science Engineering and Education for Sustainability (SEES) will continue in 2011:

- Dear Colleague Letter very soon
- Expect to reissue Water Sustainability and Climate, Dimensions of Biodiversity, Climate Change Education and Diversity
- Dynamics of Coupled Natural and Human Systems
- Research Coordination Networks
Memorandum M-10-30 from OMB and OSTP: “In the 2012 Budget, agencies should focus resources on addressing these six challenges”:

1. Promoting sustainable economic growth and job creation
2. Defeating the most dangerous diseases and achieving better health outcomes . . .
3. Moving toward a clean energy future . . .
4. Understanding, adapting to, and mitigating the effects of global climate change (support of USGCRP in continuing Nat’l Climate Assessment; prioritizing research in measuring, reporting, and verifying GHG emissions)
5. Managing the competing demands on [natural resources] based on sustainability and biodiversity
6. Developing the technologies to protect our troops, citizens, and national interests
Addressing these six challenges will require strengthening efforts in:

1. STEM education and advanced learning technologies;
2. Vitality and productivity of research universities, national and private labs, and sustained support for fundamental research;
3. Capacity and robustness of infrastructures for information and communication, transportation, and energy;
4. High-impact collaborations within the research community, civil society, and international partners to address U.S. objectives in foreign policy, global health, energy, climate change, and global development;
5. Capabilities in space not only directed to outward exploration but also to Earth observation, geopositioning, communication; and
6. An economic and policy environment that promotes and rewards research, entrepreneurship, and innovation.
The Challenges for the Geosciences

1: Understanding and forecasting the behavior of a complex and evolving Earth System

2: Reducing vulnerability and sustaining life

3: Growing the geosciences workforce of the future
Thank You!