



National Council of Space Grant Directors

March 2002 Meeting
Washington D.C.

NASA Education Program



Update from Headquarters

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FY 2002 \$5M Earmark

↳ Designated Grant Upgrade Competition

- ↳ Much like the last competition
- ↳ Up to four consortia to be selected
- ↳ Evaluation Criteria (draft)
 - Past Performance (20%)
 - Program Plan/Consortia Strategic Plan (20%)
 - Management and Organization Structure (15%)
 - Fellowship/Scholarship Program (15%)
 - Aerospace Research (6%)
 - Aerospace Academic Programs (6%)
 - Public Service Activities (6%)
 - Budget (12%)
- ↳ Timeline (draft)
 - Announcement - April 2002
 - Notice of Intent (non-binding) - 4 weeks later
 - Proposal Due Date - 11 weeks later
 - Selections Announced - August 2002



FY 2002 \$5M Earmark (con't)

Workforce Development Competition (draft)

- Workforce Development Competition (draft)
 - Enlarge and enhance the pool of individuals available for space and space-related careers (as NASA employees, NASA contractors, NASA P.I.s)
 - First-order requirements
 - Effectively address workforce concerns that tie directly to one or more NASA Centers or Enterprises
 - Demonstration that proposed work can change current workforce patterns and indication of how the change may be measured
 - Range of awards: \$70,000 - \$100,000
 - Timeline
 - Announcement - early May 2002
 - Proposal Due Date - late June 2002
 - Selections Announced - August 2002



15th Year Review

- ✧ Purpose: Strengthen the national program by strengthening the state consortia
- ✧ Timeline (draft)
 - ✧ Guidelines issued - October 2002
 - ✧ Self-evaluations due - May 2003
 - ✧ Results announced - October 2003
- ✧ Key changes
 - ✧ Training session for evaluators
 - ✧ Consideration of 5 years of CMIS data
 - ✧ Consortia will be evaluated as a whole
 - ✧ Survey of affiliates
- ✧ Will consult with the volunteer committee of Space Grant personnel along the way
 - ✧ DeCosmo, Hackney, Hansen, Hynes, Schaaf, Shehata, Terzian



Frank's charge to Space Grant *

- ↖ Get involved in Future Workforce issues
- ↖ Maintain an emphasis on underrepresented minorities and women
- ↖ Get longitudinal data on fellowship and scholarship recipients
- ↖ Get involved with Center Personnel Offices
- ↖ K-12 - focus on teacher prep

* from the meeting in Fairbanks, Alaska



Outcomes of meeting with Center Education Directors

- ⌞ Precollege Programs and Activities:
The Players -- *Regionally-based efforts*
 - ⌞ Center Precollege Programs - institutional policy and general K-12 guidance
 - Aerospace Education Service Program (AESP) - information and facilitation, resource and liaison to Space Grant
 - Educator Resource Centers (ERCs) - align with guidance from the Center Precollege Officer
 - ⌞ Space Grant - focus on enhancing the capacity of pre-service and in-service teachers

Outcomes of meeting with Center Education Directors (con't)



Higher Education:

Discipline/Expertise-based focus

- What we said Space Grant wants based on your inputs
 - Understanding of capabilities and expertise
 - Both directions
 - Access and Interaction with Center personnel
 - Opportunities
 - Short-term Programs and Projects
 - Long-term Relationships

Agreements made:

- Utilize existing resources to find out about NASA
- In absence of other connections, UAO is the first-order contact
- OK to contact NASA researchers directly but keep the UAO informed

Outcomes of meeting with Center Education Directors (con't)



- ↖ Staying connected with Space Grant
 - ↖ Education Directors will hold their next annual meeting in Puerto Rico and attend the National Council meeting
 - ↖ Space Grant is invited to hold the Fall meeting at a NASA Center every other year
 - ↖ Each Center will investigate conducting a "getting to know your neighbor" event
 - ↖ We will work to develop a regular communication vehicle



NASA EPSCoR Update

- ↖ Current Program
 - ↖ 20 states receiving Core Program Funding (@ \$125K/year)
 - ↖ 35 research programs funded
- ↖ NASA EPSCoR Conference
- ↖ EPSCoR Communications



NASA EPSCoR Conference

⌞ Purpose

- ⌞ Opportunity for State NASA EPSCoR PIs to interact with Enterprise Reps, Discipline Scientists, and Program Managers
- ⌞ Opportunity for Enterprises to better understand NASA EPSCoR and research funded under EPSCoR
- ⌞ Opportunity for state researchers to learn more about the structure of NASA, NASA programs and research opportunities

⌞ Location: Washington D.C.

⌞ Date: Late 2002 or early 2003

⌞ Format: Posters, Plenary sessions, formal and informal breakouts

NASA Education Program



Earth Grant Program

- ⌞ Website: : <http://www.physics.auburn.edu/~egp/>
- ⌞ Connecticut meeting: May 21 at UConn-Storrs
 - ⌞ Agenda: Networking - Learning about existing programs - Defining future of program - Adding more states.
 - ⌞ Fly into Hartford/Springfield Bradley Airport
- ⌞ Getting on board
 - ⌞ BAA will hit street soon
 - ⌞ May be another NRA on ES Applications this year
 - ⌞ Alabama model
- ⌞ Develop strong program around specialists
 - ⌞ Integrate in SG state network
 - ⌞ Need for Geospatial Applications Centers
 - ⌞ Integrate with state government agencies

NASA Education Program



Consortium Website Peer Review

- ✦ EDCATS form (Checklist and Rubrics)
- ✦ Each Consortium will review 3-4 websites annually
- ✦ Anonymous
- ✦ Electronic Results to NASA and Director:
 - Numeric Score (50 points possible)
 - Written Comments
 - Technical Specifics
 - Platform, Browser, Connection Speed
 - Reviewer Characteristics
 - NASA, SG Director, Student, Researcher, Other SG Personnel, Other