

# AGENDA – AT – A – GLANCE



## Joint NASA–NSF Research and Education Opportunities Conference for Principal Investigators, Faculty, and Partners February 22-24, 2007

Westfields Marriott Washington Dulles • 14750 Conference Center Drive  
Chantilly, VA 20151 • Telephone: 703/818-0300

**BREAKFAST:** Paid participants are expected to take advantage of the buffet breakfast, served in the Fairfax Dining Room from 6:30–8:30 am each day.

### Wednesday, February 21

#### PM

4:00 – 8:00 Arrival, Check-In, Early Conference Registration, and Exhibit Set-Up *Conference Lobby*

### Thursday, February 22

Theme: *NASA and NSF Research and Education Opportunities*

#### AM

7:00 Conference Registration *Conference Lobby*

8:00 Opening Plenary *Jeffersonian*  
- Welcoming Remarks (NASA and NSF Representatives)  
- NSF and NASA Speakers: *Broadening Participation in STEM Fields*  
- Conference Overview

9:30 Break *Rotunda*

10:00 - Three Concurrent Sessions: (Session I)

12:00 *Agency-specific Research and Education Opportunities*

Noon

- Beginning Investigators *Grand Dominion V*  
NASA's Mission Directorates  
NSF's Faculty Early Career Development Program (CAREER)  
and Research Initiation Grants

- Senior/Experienced Investigators *Jeffersonian*  
NASA's Research Opportunities in Space and Earth Sciences (ROSES)  
and International Space Station  
NSF's Science and Technology Centers, Engineering Research Centers,  
Materials Research Science and Engineering Centers, and Partnerships for  
Research and Education in Materials

- Research and Education Outreach *Grand Dominion I and III*  
NSF's Internship Opportunities at NSF, Math and Science Partnerships,  
and Discovery Research K-12 (DR-K12) Program

NASA Roundtables: Programs for Students and Teachers, Data Collection,  
and Workforce Development Initiatives

NASA Research Poster Sessions – University Research Centers (starting at 11:00 am)





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## NOON/PM

- 12:00 *Lunch* *Fairfax Dining Room*
- 12:45 Luncheon Plenary (with Speaker) – Topic: *Emerging Technologies* *Jeffersonian*
- 1:30 Two Concurrent Sessions: *Research Pathways* (Session II)
- Beginning Investigators with Faculty Panel (4 members) *Grand Dominion V*
    - NASA Panelists:
      - PIs with Field Center research ties
      - Earth System Science Education (ESSE)
      - NASA Science and Technology Institute (NSTI)
    - NSF Panelists:
      - PI with NSF/STC research ties
      - Director, CREST Program
  
  - Senior/Experienced Investigators with Directors’ Panel (4 members) *Jeffersonian*
    - NASA Panelists:
      - 2 University Research Center (URC) Director and Field Center Monitors
    - NSF Panelists:
      - 2 Science and Technology Center (STC) Directors
- 3:30 *Break* *Rotunda*
- 4:00 Two Concurrent Sessions: *Role/Importance of Mentoring* (Session III)
- Beginning Investigators *Grand Dominion V*
    - Discussion Topic:  
Developing/Mentoring undergraduate and graduate students as researchers
      - Educational Outreach
      - NSF’s Louis Stokes Alliances for Minority Participation (LSAMP) Program
  
  - Senior Investigators *Jeffersonian*
    - Discussion Topic: Mentoring graduate students, post-docs, and junior faculty
      - The Tenure Process
      - NASA’s Jet Propulsion Lab (JPL)
- 5:00 *Informal Dinner* *Fairfax Dining Room*
- 6:00 NASA Education Framework and Networking Forum *Grand Dominion*
  - Speaker: *NASA Education Framework*
- 7:00 Networking Opportunities (Roundtables, Exhibits, and Dessert)
- 8:30 *Day One Adjournment*





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## Friday, February 23

Theme: *Partnerships: Universities, Government Agencies, and Private Sector*

### AM

- 8:00 Conference Registration, continued *Conference Lobby*
- 8:30 Opening Plenary: *Partnerships and Collaborations* *Jeffersonian*  
 Speakers:  
 - NASA's Research and Education Partnership Opportunities  
 - NSF's Science and Technology Centers (STC) and other Research and Education Partnership Opportunities
- 9:45 *Break* *Rotunda*
- 10:00 Two Concurrent Sessions: *Partnership Opportunities/Examples* (Session IV) *Grand Dominion V*  
 - NASA Partnership Opportunities/Examples  
 NASA Ames, IPP, and Space Grant College and Fellowship Program  
 - NSF Partnership Opportunities/Examples *Jeffersonian*  
 EPSCoR, SBIR, and STTR
- 11:15 Repeat of Session IV

### PM

- 12:30 *Lunch* *Fairfax Dining Room*
- 1:15 Luncheon Plenary (with Speaker) – Topic: *Vision for Space Exploration* *Jeffersonian*
- 2:00 Plenary Session: *International Partnerships/Opportunities at NASA and NSF* *Jeffersonian*  
 - NASA's International Space Education  
 - NSF's Office of International Science and Engineering
- 3:30 *Break* *Rotunda*
- 4:00 Plenary Session *Jeffersonian*  
 - Speaker: – Topic: *Ethics in Research*
- 5:30 Informal Dinner
- 6:30 - Networking Opportunities/Exploring Potential Partnerships *Promenade and Rotunda*  
 (Roundtables and Exhibits)
- Special Session on Electronic Submission of Proposals *Jeffersonian*  
 NASA's *NSPIRE*  
 NSF's *Fastlane*  
 Grants.Gov
- 8:30 *Day Two Adjournment*



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## Saturday, February 24

Theme: *Preparing the Next Generation of Researchers*

### AM

- 7:30 Conference Registration, continued *Conference Lobby*
- 8:00 Opening Plenary: *Strategies for Mentoring Students and Faculty*  
- Faculty Panel *Jeffersonian*
- 9:00 Two Concurrent Sessions: *Fellowship Examples/Opportunities* (Session V)  
- For Undergraduate Students *Grand Dominion V*  
NASA's Undergraduate Student Researchers Program, LERCIP, LARSS,  
Motivating Undergraduates in Science and Technology (MUST)  
NSF's Research Experiences for Undergraduates (REU) and Research in  
Undergraduate Institutions (RUI)
- For Graduate Students and Post-Docs *Jeffersonian*  
NASA's Harriett Jenkins Fellowships, Postdoctoral Program, Graduate  
Student Researchers Program, and Aeronautics Research Scholars  
NSF's Graduate and Postdoctoral Research Fellowships and  
Alliances for Graduate Education and the Professoriate (AGEP)  
NSF/QEM/STC Research Fellowships for Doctoral Students and Faculty at  
Minority Institutions
- 10:45 *Break* *Rotunda*
- 11:00 Plenary Session: *Special Programs* *Jeffersonian*  
NASA's *American Student Moon Orbiter (ASMO)*  
*Aeronomy of Ice in the Mesosphere (AIM)*

### PM

- 12:30 *Lunch* *Fairfax Dining Room*
- 1:15 Luncheon Plenary (with Speaker) – Topic: *The Human and Social Dynamics of Science* *Jeffersonian*
- 2:00 Plenary Session: *Integrating Research and Education* *Jeffersonian*  
- 2 NASA Principal Investigators (CIPA and MURCERPI)  
- 2 NSF Principal Investigators (CAREER and IGERT)
- 3:30 Closing Plenary – Audience Feedback on Next Steps
- 4:30 *Adjournment*

