Opportunities for EPSCoR at NSF

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PD/PA Meeting
Arlington, VA

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EPSCoR Emphases at NSF

• Co-funding (involves all directorates/divisions/programs; as well as all types of proposals - except supplements)
• Outreach/Workshop Opportunities (promote NSF ↔ EPSCoR community awareness; requests for specific programs of interest)
• Enhanced interactions with NSF Programs (information on current programs of interest to the community)
Co-funding

DMR-0847711

CAREER award at Vanderbilt University
Development of biocompatible and injectable fillers for use as implants to repair and/or replace skull and jaw bones. Graduate, u/g, high school students in research + grade 9-12 curricular components to include biomaterials, regenerative medicine, and bioprocess eng.

HRD-0903686

TCUP award at Oglala Lakota College
Students from the Pine Ridge Reservation in South Dakota are pursuing studies in cultural resources management. Project will create a climate controlled archival facility to house cultural and paleontological resources.
Mathematical and Computational Modeling
Next generation sequencing data analysis, protein structure prediction and applications, Systems Biology, and Molecular ecology
Cross-boundary thinking among Computational and Life scientists + REU opportunities

Plant Engineering to improve Breeding Approaches
Genotype and Environmental Interactions, Plant Physiology, Numerical Modeling, Phenomics and Imaging, Education and Training needs
Outreach

Includes visit by NSF staff to EPSCoR jurisdictional Conferences and meetings, Workshops, PD/PA meetings, NSF Days


In FY 2013:

• 74 person trips to 24 jurisdictions
• 34 Conf & Mtgs by 43 NSF staff
• 14 Workshops by 16 NSF staff
• 20 NSF staff at PD/PA meetings
• 5 NSF staff at 4 NSF days
NSF Opportunities

- **Innovation/Entrepreneurship**
  
  EPS and ENG/IIP: broader outreach focus in FY14
  
  - SBIR (NSF 14-539) Due June 10, 2014
    [Link](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505022&SBTR=listssolb)
  
  - STTR (NSF 14-540) Due June 11, 2014
    [Link](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505028&SBTR=listssolt)
  
  - I-Corps Teams (NSF 12-602) 3 proposal windows annually
    [Link](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504672)

- **Workforce Development**
  
  - GRFP (NSF 13-584)
  
  - SBE postdoc: SPRF (NSF 12-591)
  
  - CAREER (NSF 14-532)
International Opportunities

➢ Research Opportunities in Europe (NSF and ERC)
  – NSF CAREER and Postdoctoral Fellowship Awardees – 12 month (maximum)—start at least 1 year prior to the expiration date of the award.

DCL [NSF Link]

➢ Opportunities for Students
  • International Research Experiences for Students (IRES)
    [NSF Link]
  • Graduate Research Opportunities Worldwide (GROW)
    [NSF Link]
Cyber Opportunities

• **Campus Cyberinfrastructure** - Infrastructure, Innovation and Engineering Program (**CC*IIE**) NSF 14-521
  - Data transfers: computational science, computer networks, systems research.
  - Network Integration activities for science applications and distributed research projects.

• **Cyber-Innovation for Sustainability Science and Engineering** - (**CyberSEES**) NSF 14-531
  - Advance interdisciplinary research by new advances in computing
  - Computational innovation to address sustainability problems.

• Cyberinfrastructure Framework for 21st Century Science and Engineering (**CIF21**)

• NSF eXtreme Digital (**XD**) program

• Extreme Science and Engineering Discovery Environment (**XSEDE**)

• EPSCoR & CISE/ACI DCL

[Link](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf12083)
NSF Program Officer (Rotator) Opportunities

http://www.nsf.gov

- About NSF: Career Opp → Temporary/Rotator Programs
- About NSF: Career Opp → Job Openings: Science/Engineering/Education (All or specific NSF Unit)

Temporary/Rotator Programs

Take advantage of a rare opportunity to have an impact on science research and funding in a temporary or rotator position at NSF.

NSF offers a chance for scientists, engineers, and educators to join us as temporary program directors - called rotators. Rotators make recommendations about which proposals to fund, influence new directions in the fields of science, engineering, and education, support cutting-edge interdisciplinary research, and mentor junior research members. As a rotator, you will be in a prime position to collaborate with others and increase your visibility as you survey the entire breadth of U.S. and international science, engineering, and education in real time. In addition, as a temporary program director, you can retain your ties to your current institution and return to it with new insights and experience for your team.

LEARN MORE ABOUT NSF ROTATOR POSITIONS AND ROTATOR ALUMNI

VISIT THE NSF ROTATOR MICROSITE

You can become a rotator either as a Visiting Scientist, Engineer, and Educator (VSEE) or as an Intergovernmental Personnel Act (IPA) assignee. While rotators can come on temporary assignment under the IPA program for up to four years, most rotating assignments last one to two years.

What are my main responsibilities as a program director?
Program directors oversee the National Science Foundation’s “gold standard” merit review process and may help define new funding opportunities. Key responsibilities include interacting with potential principal investigators, forming and facilitating merit review panels, and recommending funding decisions. Program directors have the opportunity to be involved with a broad spectrum of national scientific programs and initiatives that ultimately increase intellectual awareness and enhance professional growth.

Moving to the Area
Can NSF provide my spouse with a guaranteed job at NSF?
Thank you