



Directorate for Biological Sciences

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BIO DBI

PREM PI Meeting

April 26, 2010

Arlington, VA



Directorate for Biological Sciences

**Division of
Biological
Infrastructure
(DBI)**

Human
Resources

Research
Resources

**Division of
Environmental
Biology
(DEB)**

Ecological Biology

Ecosystem
Science

Population &
Evolutionary Processes

Systematic Biology &
Biodiversity Inventories

**Integrative
Organismal
Systems
(IOS)**

Behavioral
Systems

Developmental
Systems

Neural Systems

Physiological &
Structural Systems

**Molecular &
Cellular
Biosciences
(MCB)**

Biomolecular
Systems

Cellular Systems

Genes & Genome
Systems



BIO Programs that focus on diversity

- Postdoctoral Research Fellowships in Biology (Minority Postdoc Program; new solicitation to be posted)
- Undergraduate Research and Mentoring in the Biological Sciences (URM)
- Research Initiation Grant (RIG)
- Supplements: RAHSS, RET, ROA



Undergraduate Research and Mentoring in the Biological Sciences (URM)

- Goal: Prepare students for entry into graduate programs in biology
- Requires year-round research activity coupled with a strong mentoring component
- Emphasis on under-represented minority students
- Support for up to 5 years, for up to \$1,000,000
- Deadline: today, 1st Tuesday in March (future)



Research Experiences for Undergraduates (REU)

- Sites and Supplements
- Research training program (hands-on participation in research leading to presentations and publications)
- Sites: ~ 10 weeks in summer for 10 students
- BIO: ~140 Sites supporting 1200 students
- Funding ~ \$100k/year for 3-5 years
- Deadline: August 25, 2010 (new solicitation pending)



Research Initiation Grants to Broaden Participation In Biology (RIG)

- Broaden participation of scientists from under-represented groups or faculty at minority-serving institutions
- Increase the diversity of researchers who apply for and receive BIO funding
- Intended for beginning investigators
- Funding: \$175,000 plus \$25,000 for equipment for 24 months
- Deadline: 2nd Monday in January



Research Opportunity Awards (ROA)

- Funded as supplements to active NSF grants
- Support for faculty from PUIs and MSIs to participate in ongoing, NSF-funded research projects for limited periods (usually summer)
- Goal: Enhance research at home institution and host laboratory, improve research & teaching
- Provides salary, research expenses, etc.



High School Students and Teachers

- RAHSS – Research Assistantship for High School Students (used to be RAMHSS); ~\$3k for a summer
- RET – Research Experience for Teachers; ~\$15 k per teacher usually in the summer
- Funded as supplements to active individual NSF grants or centers/sites/institutes
- BIO deadline: varies with Division but typically in March every year



Many, many more programs at...

- www.nsf.gov/bio
- Subscribe to NSF Updates
- Questions: email appropriate Program Officer; serve as reviewer or panelist