



# **Directorate for Biological Sciences**

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**BIO DBI**

**PREM PI Meeting**

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**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, 1<sup>st</sup> 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: 2<sup>nd</sup> 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](http://www.nsf.gov/bio)
- Subscribe to NSF Updates
- Questions: email appropriate Program Officer; serve as reviewer or panelist