Broadening Participation

How YOU can get involved to help train and engage a diverse (and growing) pool of individuals to move science forward

Directorate for Biological Sciences → BIO
Division of Biological Infrastructure → DBI
Division of Environmental Biology → DEB
Division of Integrative Organismal Systems → IOS
Division of Molecular and Cellular Biosciences → MCB
What is Broadening Participation?

Broadening participation can be an element of broader impacts, which is part of the overall merit review process used at NSF. The goal is to discover and nurture talent wherever it may be found.
At NSF this means reaching out to:

**INDIVIDUALS**
- From a wide range of underrepresented groups

**INSTITUTIONS**
- With diverse research and instructional goals and practices, including community colleges, minority serving institutions, predominantly undergraduate institutions, women's colleges, and institutions for people with disabilities

**GEOGRAPHIC AREAS**
- With lower rates of participation in NSF programs

**RESEARCHERS**
- Seeking NSF funding may propose nonexclusive, nondiscriminatory strategies to broaden the participation of individuals who belong to underrepresented groups including:
  - Alaska Natives
  - Native Americans
  - Black or African Americans
  - Hispanics
  - Native Hawaiians
  - Other Pacific Islanders
  - Persons with Disabilities
  - Veterans
Broadening Participation Programs at NSF

Research Assistantships for High School Students | RAHSS
Research Experiences for Teachers | RET
Research Experiences for Teachers Sites in Biological Sciences | BIORETS
Research Experiences for Undergraduates | REU

Encourage undergraduate biology students to apply directly to REU sites. See searchable list at:

www.nsf.gov/crssprgm/reu
Mid-Career Advancement (MCA)

› Aimed at providing protected time and resources to established scientists and engineers at the Associate Professor rank (or equivalent) stage. Information at:

   www.nsf.gov/funding/pgm_summ.jsp?pims_id=505749&org=DEB&sel_org=DEB&from=fund

Postdoctoral

› Encourage postdoctoral scholars to apply for the Broadening Participation area in the Postdoctoral Research Fellowships in Biology Information at:

   www.nsf.gov/funding/pgm_summ.jsp?pims_id=503622
Tips to Get Started

- Mentoring is a key source of academic and social support — enhance your skills mentoring diverse groups
- Work with your university’s offices for outreach, disabilities, or assessment
- Partner with minority serving institutions, community colleges, women’s colleges, or institutions for people with disabilities
- Use resources available through many national organizations

NSF BROADENING PARTICIPATION PORTFOLIO:
- Includes capacity building, centers, partnerships, and alliances, as well as research
- Examples found at:
  - www.nsf.gov/od/broadeningparticipation/bp_portfolio_dynamic.jsp
Resources

- Society for Advancing Chicano and Native American Scientists | SACNAS
  - www.sacnas.org

- American Indian Science and Engineering Society | AISES
  - www.aises.org

- Advancing Research Impact in Society | ARIS
  - www.researchinsociety.org

- INCLUDES National Network
  - www.includesnetwork.org

- National Network of Education Research-Practice Partnerships | NNERPP
  - nnerpp.rice.edu
Learn More

Keep up-to-date on programs and funding opportunities that help train and engage a diverse pool of individuals to move science forward.

BIO Homepage
www.nsf.gov/dir/index.jsp?org=BIO

NSF Broadening Participation Programs
www.nsf.gov/od/broadeningparticipation/bp.jsp

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