



National Science Foundation

A Sampling of Active Programs by Target Audience or Activity

HBCUs

- Alliances for Broadening Participation in STEM - includes Louis Stokes Alliances for Minority Participation (LSAMP), Bridge to the Doctorate (BD), and Alliances for Graduate Education and the Professorate (AGEP) (NSF 06-552)
- Centers of Research Excellence in Science and Technology (CREST) and Supplements, HBCU Research Infrastructure for Science and Engineering (HBCU-RISE), and Small Business Innovation Research (SBIR) Diversity Collaboration Supplements (NSF 06-510)
- Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century Workforce (NSF 06-548)
- George E. Brown, Jr. Network for Earthquake Engineering Simulation Research (NSF 06-504)
- Historically Black Colleges and Universities Undergraduate Program (HBCU-UP) (NSF 06-508)
- Opportunities for Enhancing Diversity in the Geosciences (NSF 04-590)
- Partnerships for Research and Education in Materials (NSF 05-615)
- Research Initiation Grants and Career Advancement Awards to Broaden Participation in the Biological Sciences (NSF 05-581)
- Undergraduate Mentoring in Environmental Biology (NSF 05-558)
- Undergraduate Research Collaboratives in Chemistry (NSF 06-521)

Community Colleges and Two-Year Schools

- Advanced Technological Education (ATE) (NSF 05-530)
- Broadening Participation in Computing (NSF 06-540)
- Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century Workforce (NSF 06-548)
- Geoscience Education (NSF 05-609)
- Human and Social Dynamics: Competition for FY 2006 (NSF 06-509)
- Infrastructure, Division of Mathematical Sciences (PD 04-1260)
- Nanotechnology Undergraduate Education (NSF 06-538)
- NSF Scholarships in Science, Technology, Engineering, and Mathematics (NSF 06-527)
- Opportunities for Enhancing Diversity in the Geosciences (NSF 04-590)
- Partnerships for Innovation (NSF 06-550)
- Program for Research and Education with Small Telescopes (NSF 04-557)
- Research Experiences for Undergraduates (NSF 05-592)
- Research in Undergraduate Institutions – including Faculty Research Projects, Research Instrumentation Grants, and Research Opportunity Awards (NSF 00-144)

- Research Initiation Grants and Career Advancement Awards to Broaden Participation in the Biological Sciences (NSF 05-581)
- Science, Technology, Engineering, and Mathematics Talent Expansion Program (NSF 06-502)
- Small Business Innovation Research and Small Business Technology Transfer Supplement Funding for Minority-Serving Community College Research Teams
- Undergraduate Research Collaboratives in Chemistry (NSF 06-521)

Broadening Participation

- ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers (NSF 05-584)
- Alliances for Broadening Participation in STEM - includes Louis Stokes Alliances for Minority Participation (LSAMP), Bridge to the Doctorate (BD), and Alliances for Graduate Education and the Professorate (AGEP) (NSF 06-552)
- Broadening Participation in Computing (NSF 06-540)
- Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century Workforce (NSF 06-548)
- Developing Global Scientists and Engineers and Doctoral Dissertation Enhancement Project (NSF 04-036)
- Enhancing the Mathematical Sciences Workforce in the 21st Century (NSF 05-595)
- Frontiers in Integrative Biological Research (NSF 05-597)
- George E. Brown, Jr. Network for Earthquake Engineering Simulation Research (NSF 06-504)
- Geoscience Education (NSF 05-609)
- Graduate Research Supplement to Current Electrical and Communications Systems and Bioengineering and Environmental Systems Awards to Broaden Participation of Women and Underrepresented Minority Students (NSF 05-586)
- Infrastructure, Division of Mathematical Sciences (PD 04-1260)
- Integrative Graduate Education and Research Traineeship Program (IGERT) (NSF 06-525)
- NSF Graduate Teaching Fellows in K-12 Education (NSF 05-553)
- NSF Scholarships in Science, Technology, Engineering, and Mathematics (NSF 06-527)
- Opportunities for Enhancing Diversity in the Geosciences (NSF 04-590)
- Partnerships for Innovation (NSF 06-550)
- Partnerships for Research and Education in Materials (NSF 05-615)
- Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (NSF 04-525)
- Robert Noyce Scholarship Program (NSF 06-528)
- Research Assistantships for High School Student: Supplemental Funding to Current BIO Awards to Broaden Participation in the Biological Sciences (DCL)
- Research Initiation Grants and Career Advancement Awards to Broaden Participation in the Biological Sciences (NSF 05-581)

- Research on Gender in Science and Engineering in FY 2006 (NSF 05-614)
- Small Business Innovation Research and Small Business Technology Transfer Supplemental Funding for Diversity Collaborations (DCL)
- Small Business Innovation Research and Small Business Technology Transfer Supplement Funding for Minority-Serving Community College Research Teams (DCL)
- Undergraduate Mentoring in Environmental Biology (NSF 05-558)
- Undergraduate Research Collaboratives in Chemistry (NSF 06-521)

Looking for Partnerships with HBCUs or LSAMP, AGEP, or CREST Sites

- Frontiers in Integrative Biological Research (NSF 05-597)
- George E. Brown, Jr. Network for Earthquake Engineering Simulation Research (NSF 06-504)
- Geoscience Education (NSF 05-609)
- Small Business Innovation Research and Small Business Technology Transfer Supplemental Funding for Diversity Collaborations
- Small Business Innovation Research and Small Business Technology Transfer Supplement Funding for Minority-Serving Community College Research Teams

Research

- Advanced Learning Technologies (NSF 06-535)
- Arctic Research Opportunities (NSF 05-618)
- Assembling the Tree of Life (NSF 05-523)
- Astronomy and Astrophysics Research Grants (NSF 05-608)
- Biomedical Engineering, Research to Aid Persons with Disabilities, and Biophotonics Programs (NSF 06-566)
- Cognitive Neuroscience (NSF 06-557)
- Course, Curriculum, and Laboratory Improvement (NSF 06-536)
- Developmental and Learning Sciences (NSF 06-511)
- Ecology of Infectious Diseases (NSF 06-506)
- Ecosystem Science
- Engineering Education Programs
- Faculty Early Career Development (CAREER) Program (NSF 05-579)
- Focused Research Groups in the Mathematical Sciences (NSF 02-129)
- Frontiers in Integrative Biological Research (NSF 05-597)
- High-Risk Research in Anthropology (NSF 01-153)
- Historically Black Colleges and Universities Undergraduate Program (NSF 06-508)
- Human and Social Dynamics: Competition for FY 2006 (NSF 06-509)
- NSF Director's Award for Distinguished Teaching Scholars (NSF 04-594)
- Opportunities for Promoting Understanding through Synthesis (NSF 06-568)
- Partnerships for Innovation (NSF 06-550)

- Research in Disabilities Education (NSF 05-623)
- Research in Undergraduate Institutions – including Faculty Research Projects, Research Instrumentation Grants, and Research Opportunity Awards (NSF 00-144)
- Research Initiation Grants and Career Advancement Awards to Broaden Participation in the Biological Sciences (NSF 05-581)
- Research on Gender in Science and Engineering in FY 2006 (NSF 05-614)
- Science and Society (NSF 05-588)

Research Centers

- Centers for Ocean Science Education Excellence (NSF 05-503)
- Centers of Research Excellence in Science and Technology (CREST) and Supplements, HBCU Research Infrastructure for Science and Engineering (HBCU-RISE), and Small Business Innovation Research Diversity Collaboration Supplements (NSF 06-510)
- Chemical Bonding Centers, Phase I (NSF 04-612)
- Science of Learning Centers (NSF 05-509)

Supplemental Funding to Existing Awards

- Broadening Participation in Computing (NSF 06-540)
- Centers of Research Excellence in Science and Technology (CREST) and Supplements, HBCU Research Infrastructure for Science and Engineering (HBCU-RISE), and Small Business Innovation Research Diversity Collaboration Supplements (NSF 06-510)
- Cultural Anthropology Research Experiences for Graduates Supplements
- Graduate Research Supplement to Current Electrical and Communications Systems and Bioengineering and Environmental Systems Awards to Broaden Participation of Women and Underrepresented Minority Students (NSF 05-586)
- International Research and Education in Engineering Supplements (DCL)
- NSF-Navy Civilian Service Fellowship-Scholarship Program Supplements (DCL)
- NSF-Semiconductor Industry Association Graduate Student and Postdoctoral Fellow Supplements to NSF Centers in Nanoelectronics (NSF 05-589)
- Research Assistantships for High School Students: Supplemental Funding to Current BIO Awards to Broaden Participation in the Biological Sciences (DCL)
- Research Experiences for Teachers Supplements (Engineering, Geosciences, Materials Research, Astronomy, Chemistry, etc.)
- Research Experiences for Undergraduates (NSF 05-592)
- Research in Undergraduate Institutions – including Faculty Research Projects, Research Instrumentation Grants, and Research Opportunity Awards (NSF 00-144)
- Small Business Innovation Research and Small Business Technology Transfer Supplemental Funding for Diversity Collaborations
- Small Business Innovation Research and Small Business Technology Transfer Supplement Funding for Minority-Serving Community College Research Teams

Scholarships and Fellowships

- Graduate Research Fellowships (NSF 05-601)
- International Research Fellowship Program (NSF 05-599)
- Mathematical Sciences Postdoctoral Research Fellowships (NSF 05-510)
- Methodology, Measurement, and Statistics (NSF 06-571)
- Minority Postdoctoral Research Fellowships and Supporting Activities in the Biological and Social, Behavioral, and Economic Sciences (NSF 00-139)
- NSF Astronomy and Astrophysics Postdoctoral Fellowships (NSF 03-578)
- NSF Graduate Teaching Fellows in K-12 Education (NSF 05-553)
- NSF Scholarships in Science, Technology, Engineering, and Mathematics (NSF 06-527)
- NSF-Navy Civilian Service Fellowship-Scholarship Program Supplements (DCL)
- Postdoctoral Research Fellowships in Biological Informatics (NSF 04-539)
- Postdoctoral Fellowships in Polar Regions Research (NSF 06-529)
- Robert Noyce Scholarship Program (NSF 06-528)
- Science and Society (NSF 05-588)

Undergraduate Students

- Alliances for Broadening Participation in STEM - includes Louis Stokes Alliances for Minority Participation (LSAMP), Bridge to the Doctorate (BD), and Alliances for Graduate Education and the Professorate (AGEP) (NSF 06-552)
- Broadening Participation in Computing (NSF 06-540)
- Computational Science Training for Undergraduates in the Mathematical Sciences (NSF 06-559)
- Developing Global Scientists and Engineers and Doctoral Dissertation Enhancement Project (NSF 04-036)
- Enhancing the Mathematical Sciences Workforce in the 21st Century (NSF 05-595)
- Geoscience Education (NSF 05-609)
- Historically Black Colleges and Universities Undergraduate Program (NSF 06-508)
- Infrastructure, Division of Mathematical Sciences (PD 04-1260)
- Interdisciplinary Training for Undergraduates in Biological and Mathematical Sciences (NSF 06-541)
- International Research and Education in Engineering Supplements (DCL)
- Nanotechnology Undergraduate Education (NSF 06-538)
- NSF Scholarships in Science, Technology, Engineering, and Mathematics (NSF 06-527)
- NSF-Navy Civilian Service Fellowship-Scholarship Program Supplements (DCL)
- Opportunities for Enhancing Diversity in the Geosciences (NSF 04-590)
- Partnerships for Research and Education in Materials (NSF 05-615)
- Robert Noyce Scholarship Program (NSF 06-528)
- Research Experiences for Undergraduates (NSF 05-592)

- Science, Technology, Engineering, and Mathematics Talent Expansion Program (NSF 06-502)
- Undergraduate Mentoring in Environmental Biology (NSF 05-558)
- Undergraduate Research Collaboratives in Chemistry (NSF 06-521)

Graduate Students

- Alliances for Broadening Participation in STEM - includes Louis Stokes Alliances for Minority Participation (LSAMP, Bridge to the Doctorate (BD), and Alliances for Graduate Education and the Professorate (AGEP) (NSF 06-552)
- Broadening Participation in Computing (NSF 06-540)
- Cultural Anthropology Research Experiences for Graduates Supplements
- Developing Global Scientists and Engineers and Doctoral Dissertation Enhancement Project (NSF 04-036)
- East Asia and Pacific Summer Institutes for U.S. Graduate Students (NSF 05-617)
- Enhancing the Mathematical Sciences Workforce in the 21st Century (NSF 05-595)
- EPSCoR Research Infrastructure Improvement Grant Program (NSF 05-589)
- Geoscience Education (NSF 05-609)
- Graduate Research Fellowships (NSF 05-601)
- Graduate Student and Optical Instrument Support Related to the Advance Modular Incoherent Scatter Radar (NSF 05-564)
- International Research and Education in Engineering Supplements (DCL)
- NSF Graduate Teaching Fellows in K-12 Education (NSF 05-553)
- NSF Scholarships in Science, Technology, Engineering, and Mathematics (NSF 06-527)
- NSF-Navy Civilian Service Fellowship-Scholarship Program Supplements (DCL)
- NSF-Semiconductor Industry Association Graduate Student and Postdoctoral Fellow Supplements to NSF Centers in Nanoelectronics (NSF 05-589)
- Opportunities for Enhancing Diversity in the Geosciences (NSF 04-590)
- Partnerships for Research and Education in Materials (NSF 05-615)
- Science and Society (NSF 05-588)
- Teacher Professional Continuum (NSF 05-580)

Doctoral Students

- Alliances for Broadening Participation in STEM - includes Louis Stokes Alliances for Minority Participation (LSAMP, Bridge to the Doctorate (BD), and Alliances for Graduate Education and the Professorate (AGEP) (NSF 06-552)
- Broadening Participation in Computing (NSF 06-540)
- Developing Global Scientists and Engineers and Doctoral Dissertation Enhancement Project (NSF 04-036)
- Doctoral Dissertation Improvement Grants in the Directorate for Biological Sciences (NSF 05-607)
- East Asia and Pacific Summer Institutes for U.S. Graduate Students (NSF 05-617)

- Enhancing the Mathematical Sciences Workforce in the 21st Century (NSF 05-595)
- EPSCoR Research Infrastructure Improvement Grant Program (NSF 05-589)
- Geoscience Education (NSF 05-609)
- Graduate Research Fellowships (NSF 05-601)
- Graduate Research Supplement to Current Electrical and Communications Systems and Bioengineering and Environmental Systems Awards to Broaden Participation of Women and Underrepresented Minority Students (NSF 05-586)
- Integrative Graduate Education and Research Traineeship Program (IGERT) (NSF 06-525)
- International Research and Education in Engineering Supplements (DCL)
- International Research Fellowship Program (NSF 05-599)
- Methodology, Measurement, and Statistics (NSF 06-571)
- NSF Graduate Teaching Fellows in K-12 Education (NSF 05-553)
- NSF-Navy Civilian Service Fellowship-Scholarship Program Supplements (DCL)
- NSF-Semiconductor Industry Association Graduate Student and Postdoctoral Fellow Supplements to NSF Centers in Nanoelectronics (NSF 05-589)
- Opportunities for Enhancing Diversity in the Geosciences (NSF 04-590)
- Partnerships for Research and Education in Materials (NSF 05-615)
- Social, Behavioral, and Economic Sciences Doctoral Dissertation Research Improvement Grants (NSF 05-574)
- Science and Society (NSF 05-588)

Postdocs

- Discovery Corps Fellowships (NSF 05-593)
- Enhancing the Mathematical Sciences Workforce in the 21st Century (NSF 05-595)
- International Research and Education in Engineering Supplements (DCL)
- International Research Fellowship Program (NSF 05-599)
- Mathematical Sciences Postdoctoral Research Fellowships (NSF 05-510)
- Minority Postdoctoral Research Fellowships and Supporting Activities in the Biological and Social, Behavioral, and Economic Sciences (NSF 00-139)
- NSF Astronomy and Astrophysics Postdoctoral Fellowships (NSF 03-578)
- NSF-Semiconductor Industry Association Graduate Student and Postdoctoral Fellow Supplements to NSF Centers in Nanoelectronics (NSF 05-589)
- Partnerships for Research and Education in Materials (NSF 05-615)
- Postdoctoral Fellowships in Polar Regions Research (NSF 06-529)
- Science and Society (NSF 05-588)

Partnerships with K-12 Schools or Students

- Broadening Participation in Computing (NSF 06-540)
- Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century Workforce (NSF 06-548)

- Information Technology Experiences for Students and Teachers (NSF 05-621)
- Instructional Materials Development (NSF 05-612)
- Math and Science Partnership (NSF 06-539)
- NSF Academies for Young Scientists (NSF 06-560)
- NSF Graduate Teaching Fellows in K-12 Education (NSF 05-553)
- Opportunities for Enhancing Diversity in the Geosciences (NSF 04-590)
- Research Assistantships for High School Student: Supplemental Funding to Current BIO Awards to Broaden Participation in the Biological Sciences (DCL)
- Teacher Professional Continuum (NSF 05-580)

K-12 Teachers

- Advanced Technological Education (NSF 05-530)
- Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century Workforce (NSF 06-548)
- Geoscience Education (NSF 05-609)
- Geoscience Teacher Training (NSF 06-526)
- Information Technology Experiences for Students and Teachers (NSF 05-621)
- Instructional Materials Development (NSF 05-612)
- Math and Science Partnership (NSF 06-539)
- NSF Academies for Young Scientists (NSF 06-560)
- Opportunities for Enhancing Diversity in the Geosciences (NSF 04-590)
- Research Experiences for Teachers
- Teacher Professional Continuum (NSF 05-580)

Junior Faculty

- Developing Global Scientists and Engineers and Doctoral Dissertation Enhancement Project (NSF 04-036)
- Faculty Early Career Development (CAREER) Program (NSF 05-579)
- Enhancing the Mathematical Sciences Workforce in the 21st Century (NSF 05-595)
- Faculty Early Career Development (CAREER) Program (NSF 05-579)
- International Research and Education in Engineering Supplements (DCL)
- International Research Fellowship Program (NSF 05-599)
- Research in Undergraduate Institutions – including Faculty Research Projects, Research Instrumentation Grants, and Research Opportunity Awards (NSF 00-144)
- Research Initiation Grants and Career Advancement Awards to Broaden Participation in the Biological Sciences (NSF 05-581)

Faculty Development

- ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers (NSF 05-584)
- Broadening Participation in Computing (NSF 06-540)
- Cultural Anthropology Scholars Awards (NSF 05-591)
- Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century Workforce (NSF 06-548)
- Discovery Corps Fellowships (NSF 05-593)
- EPSCoR Research Infrastructure Improvement Grant Program (NSF 05-589)
- Historically Black Colleges and Universities Undergraduate Program (NSF 06-508)
- Methodology, Measurement, and Statistics (NSF 06-571)
- NSF Director's Award for Distinguished Teaching Scholars (NSF 04-594)
- Opportunities for Promoting Understanding through Synthesis (NSF 06-568)
- Research in Undergraduate Institutions – including Faculty Research Projects, Research Instrumentation Grants, and Research Opportunity Awards (NSF 00-144)
- Research Initiation Grants and Career Advancement Awards to Broaden Participation in the Biological Sciences (NSF 05-581)

Faculty with Disabilities

- Facilitation Awards for Scientists and Engineers with Disabilities (NSF 02-115)

Equipment, Instrumentation, and Infrastructure

- Advanced Technologies and Instrumentation (ATI): Special Competition: Astronomical Applications with the Advanced Electro-Optical System (AEOS) of the United States Air Force (ATI/AEOS) (NSF 06-519)
- Centers of Research Excellence in Science and Technology (CREST) and Supplements, HBCU Research Infrastructure for Science and Engineering (HBCU-RISE), and Small Business Innovation Research (SBIR) Diversity Collaboration Supplements (NSF 06-510)
- Chemistry Research Instrumentation and Facilities: Cyberinfrastructure and Research Facilities (NSF 06-512)
- Chemistry Research Instrumentation and Facilities: Instrument Development (NSF 04-534)
- CISE Computing Research Infrastructure (NSF 04-588)
- Computing Community Consortium: Defining the Large-Scale Infrastructure Needs of the Computing Research Community (NSF 06-551)
- Cyberinfrastructure for Environmental Observatories: Prototype Systems to address Cross-Cutting Needs (NSF 06-505)
- Earth Sciences: Instrumentation and Facilities (NSF 05-587)
- EPSCoR Research Infrastructure Improvement Grant Program (NSF 05-589)
- Facilitation Awards for Scientists and Engineers with Disabilities (NSF 02-115)
- Graduate Student and Optical Instrument Support Related to the Advance Modular Incoherent Scatter Radar (NSF 05-564)

- High Performance Computing System Acquisition: Towards a Petascale Computing Environment for Science and Engineering (NSF 05-625)
- Improvement in Facilities, Communications, and Equipment at Biological Field Stations and Marine Laboratories (NSF 05-550)
- Instrument Development for Biological Sciences (NSF 06-570)
- Instrumentation for Materials Research (NSF 05-522)
- Major Research Instrumentation Program (NSF 05-515)
- National Science, Technology, Engineering, and Mathematics Education Digital Library (NSF 06-533)
- Program for Research and Education with Small Telescopes (NSF 04-557)
- Research in Undergraduate Institutions – including Faculty Research Projects, Research Instrumentation Grants, and Research Opportunity Awards (NSF 00-144)

All program announcements, solicitations, and Dear Colleague Letters are available online at www.nsf.gov.