Broader impacts may be accomplished through:
- the research itself
- activities that are directly related to specific research projects
- activities that are supported by, but are complementary to, the project

NSF values the advancement of scientific knowledge and activities that contribute to the achievement of societally relevant outcomes. Such outcomes include, but are not limited to:
- full participation of women, persons with disabilities, and underrepresented minorities in science, technology, engineering, and mathematics (STEM)
- improved STEM education and educator development at any level
- increased public scientific literacy and public engagement with science and technology
- improved well-being of individuals in society
- development of a diverse, globally competitive STEM workforce
- increased partnerships between academia, industry, and others
- improved national security
- increased economic competitiveness of the United States
- enhanced infrastructure for research and education

Questions to Consider:

How well does the activity advance discovery and understanding while promoting teaching, training and learning?

How well does the proposed activity broaden the participation of underrepresented groups (e.g., gender, ethnicity, disability, geographic, etc.)?

To what extent will it enhance the infrastructure for research and education, such as facilities, instrumentation, networks and partnerships?

Will the results be disseminated broadly to enhance scientific and technological understanding?

What may be the benefits of the proposed activity to society?

Find this online (with live links) at http://www.unh.edu/research/nsf-bi-resources
A sampling of resources to support the broader impacts component of your NSF project at UNH

**UNH**

**Center for Excellence in Teaching & Learning**
Assessment of student learning outcomes

**CONNECT Program**
Transition to college program for first-year multicultural students

**Hamel Center for Undergraduate Research**

**Junior Science & Humanities Symposium**
Promotes STEM research and experimentation at high school level

**Leitzel Center for Mathematics, Science and Engineering Education**

- Advancing Science
- KEEPERS (Kids Eager for Engineering Program with Elementary Research-based Science)
- Research Experience for Teachers in Engineering (RETE)

**McNair Scholars Program**
Academic enrichment and graduate school preparation initiative for first-generation/economically disadvantaged or underrepresented juniors/seniors

**Project SMART**
Summer institute that challenges, educates, and motivates talented high school students in science and mathematics

**SeaPerch**
Innovative underwater robotics program for classroom or after school

**Shoals Marine Laboratory**

**Student Competitions**
e.g., LunaCats, UNH Precision Racing, EPA P3 team, Holloway Prize

**Student Organizations**

**UNH at Manchester**
- Biology Program
- STEM Discovery Lab

**UNH Cooperative Extension**
- 4-H Science
- Natural Resources Stewards
- NH Coverts

**UNH Engineeristas**
Camp for girls entering grades 6 & 7 that explores engineering fields; presented by women engineers

**UNH Tech Camp**
Camp for boys and girls entering grades 7 & 8 and 9 & 10 that explores engineering fields

**Associated with UNH**

**NH EPSCoR**
Research and outreach activities to: broaden and strengthen NH's research capacity and competitiveness; support business, industry and society with a workforce educated in science, engineering and mathematics; and improve communication between scientists and the public

**NH Innovation Research Center**
Matches businesses in New Hampshire with dollars to support translational research effort

**NH Sea Grant**
- Coastal Research Volunteers
- Great Bay Coast Watch
- UNH Marine Docent Program

**NH Space Grant Consortium**
- Forest Watch
- Margret and H. A. Rey Center
- Citizen Science Outreach and Science Education
- Rey Center Environmental Monitoring
- Mount Washington Outreach Observers

**Piscataqua Region Estuaries Partnership (PREP)**
Joint local/state/federal program working to protect and enhance estuarine resources

**External to UNH**

- Academy for Science and Design
- Blue Ocean Society for Marine Conservation
- Explore the Ocean World, LLC
- FIRST (For Inspiration and Recognition of Science and Technology)
- Girls, Inc. of New Hampshire
- Gundalow Company
- McAuliffe-Shepard Discovery Center
- National Society of Black Engineers
- New England Association of Chemistry Teachers
- New England Catalysis Society
- NH High Tech Council
- NH Science Olympiad
- NH Science Teachers Association
- North Country Educational Services
- NSF Research Experiences for Teachers (RET)
- NSF Research Experiences for Undergraduates (REU)
- NSF Veteran's Research Supplement (VRS) Program
- Seacoast Science Center
- SEE Science Center
- Society of Women Engineers (SWE)
- STEAM Ahead

**Student Design Competitions**

The Broader Impact Wizard tool guides you through a series of steps to produce an outline of important points to include in your broader impacts statement and will help frame discussions with your broader impacts partners.

The Wizard will help you:
- identify your target audience
- plan appropriate broader impacts activities
- consider budget
- articulate appropriate objectives
- develop an evaluation plan