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# Mathematics Opportunities

## New Interdisciplinary Program for Mathematicians

The Division of Mathematical Sciences of the National Science Foundation has launched a new program entitled Interdisciplinary Grants in the Mathematical Sciences. These grants are intended to enable faculty to undertake activities that expand their skills and knowledge into areas beyond their disciplinary expertise and to subsequently apply the knowledge to their research and to enrich the educational experiences and broaden career options for their students. The awards will be used to support interdisciplinary experiences at the principal investigator's institution, outside his or her department, or at a different institution (e.g., academic, financial, industrial) in a nonmathematical sciences environment. Activities include but are not limited to study, research, teaching, or a combination of these.

This program is intended for new activities and collaborations. In particular, the program announcement states that one important criterion in the evaluation of proposals will be "the level of broadening of knowledge as measured by the distance of the proposed activities from current interests."

The deadline for proposal submission is **September 17, 1997**. Further information can be found on the World Wide Web at: <http://www.nsf.gov/cgi-bin/getpub?nsf9799/>. Or contact: Lloyd E. Douglas, Mathematical Sciences Infrastructure Program, Division of Mathematical Sciences, Room 1025, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230; telephone 703-306-1874; e-mail [ldouglas@nsf.gov](mailto:ldouglas@nsf.gov).

The new program is in addition to grants offered through the program Grant Opportunities for Academic Liaison with Industry (GOALI), which has been in place for a number of years. For information on GOALI, consult the Web site <http://www.nsf.gov/pubs/stis1996/nsf95112/nsf95112.txt/>.

— NSF Announcement

## New Graduate Training Program at NSF

The National Science Foundation (NSF) announces an agency-wide, multidisciplinary, graduate training program. The goal of the Integrative Graduate Education and Research Training (IGERT) Program is to enable the development of innovative, research-based, graduate education and training activities that will produce a diverse group of new scientists and engineers well-prepared for a broad spectrum of career opportunities. Supported projects must be based upon a multidisciplinary research theme and organized around a diverse group of investigators from U.S. Ph.D.-granting institutions with appropriate research and teaching interests and expertise.

The research theme may draw upon investigators from one or more departments within an individual institution or from more than one institution. The emphasis of the IGERT program is on the training of graduate students; however, the program will support efforts that include undergraduate and/or postdoctoral training if such participation will strengthen the proposed training program.

Applicants will compete for support from the IGERT program in a two-stage process: in the first stage, applicants submit a preliminary proposal (preproposal) that outlines the planned IGERT activity; in the second, invited applicants submit a formal proposal. Invitations to submit a formal proposal will be extended on the basis of merit review of the preproposals; only invited formal proposals will be accepted.

The deadline for preproposals is **September 8, 1997**; the deadline for formal proposals is **December 15, 1997**.

The program announcement for this activity may be found on the NSF Web site at <http://www.nsf.gov/cgi-bin/getpub?nsf97112>. Or contact the NSF's Division of Mathematical Sciences, 4201 Wilson Boulevard, Room 1025, Arlington, Virginia 22230; telephone 703-306-1870.

— NSF Announcement