



Teacher Professional Continuum (TPC) National Science Foundation

Program URL: http://www.nsf.gov/pubsys/ods/getpub.cfm?ods_key=nsf03534

The Teacher Professional Continuum (TPC) addresses critical issues and needs regarding the recruitment, preparation, enhancement, and retention of science, technology and mathematics (STM) teachers for grades K-12. Its goals are to improve the quality and coherence of the learning experiences that prepare and enhance STM teachers; to develop innovative resources that prepare and support STM teachers and school and district administrators; to research and develop models and systems that support the teacher professional continuum; to research teacher learning and its impact on teaching practice; and to disseminate this research as well as innovative models and resources to a national audience. Submission of Preliminary Proposals is required. Cost Sharing is not required. For further information, visit the URL cited above and/or contact Tom Murphy in the Office for Research and Sponsored Programs at extension 3-6810.

Preliminary Proposals (required) : May 19, 2003

Full Proposal Deadline Date: September 10, 2003

Graduate Teaching Fellows in K-12 Education National Science Foundation

Program URL: http://www.nsf.gov/pubsys/ods/getpub.cfm?ods_key=nsf03532

This program supports fellowships and associated training that enable graduate students and advanced undergraduates in science, technology, engineering, and mathematics to serve in K-12 schools as resources knowledgeable about both the content and applications of these disciplines. Academic institutions apply for awards to support fellowship activities. Institutions are responsible for: 1) selecting Fellows; 2) partnering with school districts for placement of Fellows in schools; 3) providing appropriate training for Fellows, and 4) designing and implementing an effective mechanism for documenting the outcomes of the project. The Fellows serve as resources for teachers in science and mathematics instruction. Expected outcomes include improved communication and teaching skills for the Fellows, enriched learning by K-12 students, professional development opportunities for GK-12 Teachers, and strong partnerships between institutions of higher education and local school districts. As an agency-wide activity the GK-12 program supports projects from the full spectrum of National Science Foundation (NSF) disciplines including the social, behavioral and economic sciences, mathematical and physical sciences, biological sciences, engineering, computer and information science, and the geosciences. Awards are for initial projects of up to three years (Track 1, Initial Track) with the potential to apply for a follow-on project of up to five years (Track 2, Follow-on Track). Estimated Number of Awards: 30 - total: includes 20 Track 1 awards (up to \$600,000/yr. for a total award duration of up to three (3) years) and 10 Track 2 awards (up to \$2 million total for an awards duration of up to five (5) years with awards in any one year not to exceed \$500,000). NOTE: The PI must be a faculty member in a discipline supported by NSF. An institution may submit only one proposal, either as lead of a proposal from a single-institution or as a lead institution of a multi-institutional proposal. For further information, visit the URL cited above and/or contact Tom Murphy in the Office for Research and Sponsored Programs at extension 3-6810.

Preliminary Proposals (required) : May 7, 2003

Full Proposal Deadline Date: June 4, 2003

Centers for Learning and Teaching (CLT) National Science Foundation

Program URL: http://www.nsf.gov/pubsys/ods/getpub.cfm?ods_key=nsf03522

The Centers for Learning and Teaching (CLT) program focuses on the advanced preparation of science, technology, engineering, and mathematics (STEM) educators, as well as the establishment of meaningful partnerships among education stakeholders, especially Ph.D. granting institutions, school systems, and informal education performers. Its goals are to renew and diversify the cadre of leaders in STEM education; to increase the number of K-16 educators capable of delivering high-quality STEM instruction and assessment; and to conduct research into STEM education issues of national import (e.g., the nature of learning, teaching strategies, and reform policies and outcomes). For further information, visit the URL cited above and/or contact Tom Murphy in the Office for Research and Sponsored Programs at extension 3-6810.

Preliminary Proposal Due Date (optional): February 28, 2003

Full Proposal Deadline: April 24, 2003

Fund for the Improvement of Postsecondary Education: The Comprehensive Program

U.S. Department of Education Preliminary proposal due date: February 13, 2003. Full proposal due date: May 8, 2003

Program URL: <http://www.ed.gov/offices/OPE/FIPSE/Comp/index.html>

FIPSE's Agenda for Improving Postsecondary Education supports President Bush's agenda for education reform, as well as FIPSE's traditional mission of improving the quality of postsecondary education and providing equal educational opportunity. As in previous years, FIPSE invites creative proposals in a variety of areas, including the following:

- Improving the preparation of K-12 teachers
- Promoting reform of curriculum and instruction
- Designing cost-effective methods of instruction and operations
- Improving access to postsecondary education as well as student retention and program completion

In addition to proposals addressing these specific priorities, the Comprehensive Program continues to invite proposals that address other important improvements in postsecondary education. All ideas should attempt to address problems within the context of the forces that are currently changing postsecondary education, such as the increased growth and diversity of the student population, the emphasis on accountability, the widespread impact of globalization, and the increased availability of technology to students and educators. Preliminary proposals are limited to five pages. The Department anticipates the issue of 55 new awards ranging from \$150,000 - \$600,000 over a typical three-year project period. For further information, visit the URL cited above and/or contact Tom Murphy in the Office for Research and Sponsored Programs at extension 3-6810.

Effectiveness of Early Childhood Programs, Curricula and Interventions in Promoting School Readiness Letter of Intent due date: February 26, 2003 **National Institutes of Health (NICHD)** Full proposal due date: March 26, 2003

Program URL: <http://grants1.nih.gov/grants/guide/rfa-files/RFA-HD-03-003.html>

The National Institute of Child Health and Human Development and Administration for Children and Families invite research grant applications to develop rigorous scientific studies of the effectiveness of integrative early childhood interventions and programs across a variety of early childhood settings in promoting school readiness for children, from birth through age five, who are at risk of later school difficulties. Integrative programs are those that include components intended to promote children's school readiness across multiple domains of cognitive and socio-emotional functioning. This Request for Applications seeks to stimulate systematic, programmatic, multidisciplinary research to determine the most effective early childhood interventions in promoting children's school readiness. For further information, visit the URL cited above and/or contact Tom Murphy in the Office for Research and Sponsored Programs at extension 3-6810.

NIH Issues New AREA Program Announcement: Academic Research Enhancement Awards Program

New guidelines were released this month for the NIH's popular Academic Research Enhancement Award (AREA) program. Through the AREA program, the National Institutes of Health (NIH) makes a special effort to stimulate research in educational institutions that provide baccalaureate training for the nation's future biomedical and behavioral scientists. To obtain a copy of the new AREA guidelines, visit www.hofstra.edu/research and link to: Funding Source > Federal Government > National Institutes of Health > Academic Research Enhancement Awards.

We also wish to remind you that the Office for Research and Sponsored Programs has prepared a CD containing volumes of information regarding NIH and select grant competitions sponsored by the agency. Included on the CD are four PowerPoint presentations on a variety of topics of importance to the prospective NIH grant applicant. To obtain a copy, contact Tom Murphy at extension 3-6810 or via e-mail at protom@hofstra.edu.

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