

GRANTS BULLETIN

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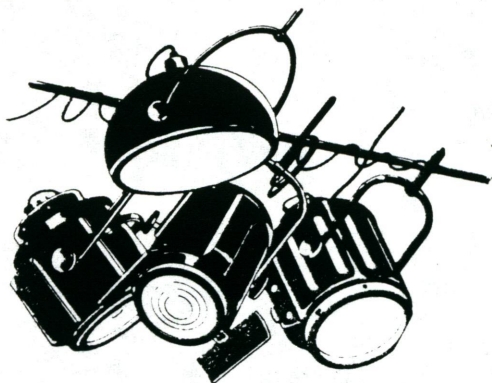


EDINBORO UNIVERSITY OF PENNSYLVANIA
A member of the State System of Higher Education

GRANTS BULLETIN

December 4, 1995

Volume III, Number 10



Edinboro EQUALS

Dr. Dale Hunter of the Department of Biology and Health Services was awarded an Eisenhower Grant for her project Edinboro EQUALS. The goal of this project is to create an EQUALS site at Edinboro University to serve the needs of K-12 teachers of mathematics and science in Pennsylvania. Edinboro EQUALS, the only facility of its kind in the Mid-Atlantic region, provides K-12 mathematics and science teachers in Northwestern Pennsylvania and elsewhere in the state with professional development that is result driven and learner focused. Teachers are provided with a wide variety of resources, materials and activities which will not only increase their content knowledge but which, when applied in their classrooms, will result in lasting change in their teaching as well as in student learning. Teachers are offered graduate courses and workshops in (1) EQUALS; (2) Family Math; (3) Family Science, and; (4) GEMS. These courses and workshops are designed to encourage the participation and achievement of all students in mathematics and science but in addition, also pay particular attention to groups such as females and minorities who have had historically low participation in mathematics and science careers.

FEDERAL BUDGET CRISIS

Due to the current federal budget crisis, many of the dates in the newsletter will reflect only tentative submission dates. We also anticipate problems in obtaining information requested from the newsletter. If we are unable to obtain the latest guidelines, we will try to fill requests with information from the previous year.

NEWS FROM WASHINGTON

The next year in federal funding will be a rough one. With the continued debate over the budget, many discretionary programs are encountering significant cuts. Programs that are intact are encountering delays in announcing funding deadlines until final wrangling is completed over the entire federal budget. Individuals pursuing grant opportunities should anticipate delays in the announcement of deadlines for proposal submission, decrease in level of funding and short turn around time from announcement to actual submission deadline.

It is anticipated that funding levels for discretionary programs will remain flat for the next five years. Social Science programs are currently undergoing increased scrutiny at the National Science Foundation and to some degree at the National Institutes of Health. It has been suggested that the directorate for the social and behavioral sciences be eliminated at the National Science Foundation, since these sciences are not considered basic sciences. There will be increased discussion on this topic as authorization approaches for the National

Science Foundation. Currently, appropriations for defense will remain even, while non-defense will decline. The entitlements of Health, Medicare, Social Security, etc. have all received increases in the proposed budget. As private citizens, all agencies are asking individuals from various funded programs to keep congress apprised of the impact of these funded activities.

The National Endowment for the Humanities suffered a severe 40% reduction in funding for 1995. The core academic programs have been hit with huge reductions. At present many programs currently suspended include Archeology Projects, Conferences, Dissertation grants, Humanities Studies of Science and Technology, Publication Subvention and Summer Stipends. Some funding will be retained as bridge grants for current projects. The NEH suffered the loss of 50 program officers. There is some concern that if funds are reinstated whether the remaining staff will be sufficient to carry out the various competitions. Although Summer Stipends have been suspended for this year, it is anticipated they will be reinstated in the next year.

National Science Foundation suffered a \$180M cut in research. The education and human resources division received only a slight decrease. In 1995/96 the NSF will initiate an Undergraduate Review Program. NSF will be asking for input on the role of undergraduate education in the coming century, progress, status, and future need. Areas of focus in 1995/96 will include creating a country that is scientific and technology literate, an industrial workforce trained to meet the high tech marketplace, and continued development between scientists and engineers in academia and industry. Another goal of the NSF will be to prepare teachers at all levels to lead in training a technical workforce. It is anticipated that the focus for this training will be Institutions of Higher Education.



Expect to see institution-wide reform in undergraduate education. Institutions will need to prepare an increasing diverse undergraduate student body for the information, science and technology based society of the future. NSF will encourage and support improvement of learning of science and mathematics by all students.

Camille and Henry Dreyfus Foundation was created to advance the science of chemistry, chemical engineering, and related sciences. The Foundation supports programs at both Ph.D. Granting and Non-Ph.D. Granting institutions. The foundation has initiated two new programs. The Camille and Henry Dreyfus Undergraduate Faculty Program supports promising new faculty in chemistry and biochemistry in their first full-time, tenure-track academic appointments. The Camille and Henry Dreyfus Fellow program provides grants to appoint a recent Ph.D. Recipient as a Fellow for up to two years. The program requires the Fellow to carry out research in close association with a faculty mentor and to participate in departmental teaching activities.

Faculty interested in applying should be in the early stages of their career. A packet of information on independent accomplishment must accompany application. An individual should not be nominated prior to 5 years of experience. Application information will require letters of support or evidence of visibility, i.e. establishment of seminars and external activities.

The Special Grant program provides funds for high risk outreach, curriculum and instrumentation. The foundation receives approximately 150 proposals for review under this category. The review team is seeking innovative projects. An example of a recently funded project was to address the problem of community college students transferring into an undergraduate research environment. A program was designed to make the transition easier through mentoring as well as a design that took into account the need of non-traditional students.

How to Succeed Under the FIPSE Comprehensive Program \$15M currently is allocated for 1996. The first step in the application process for this program is a preliminary proposal of five pages. The proposal may be directed toward important issues or problems in postsecondary education. It must represent a change in current practice, not just at the applicant's institution. Problem statement should be short, but describe why this would be a significant change over current practice and demonstrate that you have researched this problem.

Approximately 25 reviewers are selected at several sites to begin the review process. Each site reviews approximately 250 proposals. There are two readers for each proposal. After the initial review, each program officer ranks proposals and makes the initial cut. The remaining proposals are reviewed by a team of reviewers. The teams make recommendations for invitations for full proposals. Approximately 250 - 275 preliminary proposals are selected to submit full proposals.

Individuals serious about submission should contact a program officer at FIPSE for discussion on proposal topic and budget. FIPSE is currently interested in increasing school/university partnerships. Recently funded proposals have included a program to incorporate technology, oral and written communication skills into the undergraduate accounting courses at the California State

University, Chico; the implementation of the Inclusive Teacher Education Project at St. Cloud State University that enrolled students in an experimental program that enabled students to receive licensure in both elementary education and specific learning disabilities; and at Texas Woman's University the implementation of a multisience master's degree in science teaching for elementary teachers.

Individuals with Disabilities Act Reauthorization is currently under review. Portions of the act were authorized in perpetuity, such as formula grants to state to educate students with disabilities. It is anticipated that since this is the 20th anniversary of the act, there will be interest in evaluating and defining the program based on changes that have occurred over the last 20 years. Currently under review are the discretionary authorities. The proposed plan is the consolidation of 14 separate authorities into 4 authorities. The authorities would include Research and Development, Demonstrations, Disseminations and Technical Assistance. Congress is currently trying to move more control back to the States. State Improvement Grants would include state improvements for technical assistance, professional development activities of pre-service and in-service teachers. Congress would require the states to spend 50% of this funding on training.

Changes of concern will include comprehensive planning, uniform eligibility of applicants including profit and non-profit entities. The Secretary is also considering the requirement of cost sharing and caps or limits on indirect costs. Funding levels are expected to remain level through 1996.



*****Arts and Humanities*****

Projects in Media

(National Endowment for the Humanities)

Deadline: Jan. 12, 1996

Supports the planning, writing or production of TV and radio programs in the humanities intended for general audiences. Awards are made for both adult and children's programming. The collaboration of scholars in the humanities and experienced producers, writers, and directors is required. NEH is particularly interested in applications for TV and radio projects on the lives of historically significant Americans.

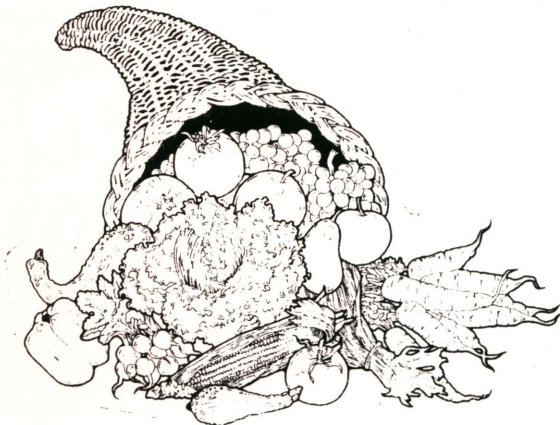
*****Education*****

Nursing Education Opportunities for
Individuals from Disadvantaged Backgrounds

(Health Resources and Services
Administration)

Deadline: Dec. 1995 (tentative)

Awards grants to accredited schools of nursing to increase opportunities for individuals from disadvantaged backgrounds to pursue a nursing education. Grants support student recruitment and retention activities, counseling, pre-enrollment education services, and student stipends.



Central and Eastern European Training
(United States Information Agency)

Deadline: Jan. 12, 1995

The U.S. Information Agency is seeking proposals to develop training programs for professionals from Central and Eastern European countries in areas of local government/public administration, independent media development and business administration. USIA will give priority to proposals for U.S. Organizations with established connections in Central/Eastern Europe. Projects should link the U.S. Organization's international exchange interests with counterpart institutions and groups in Albania, Bosnia-Herzegovina, Bulgaria, Croatia, the Czech Republic, Estonia, Hungary, Latvia, Lithuania, Macedonia, Poland, Romania, the Slovak Republic and Slovenia. The solicitation specifies training priorities by country.

School - To - Work -- Urban/Rural
Opportunities

(Education and Labor Departments)

Deadline: Jan. 29, 1996

The Education and Labor departments are inviting applications from local partnerships to develop and implement school - to work initiatives in high - poverty urban and rural areas. Local partnerships in high-poverty areas that include employers, representatives of local education agencies and local postsecondary education institutions, local educators, representatives of labor organizations or nonmanagerial employee representatives, students and other appropriate entities. Partnerships must receive state approval before submitting applications.



Nursing Special Projects
(Health Resources
and Services
Administration)

Deadline:
Dec. 1995
(tentative)

Awards grants to accredited nursing programs to improve nursing education. Grants may support enrollment expansion; primary health care in noninstitutional settings; continuing education for nurses in medically underserved communities; and long-term care fellowships for certain paraprofessionals.

Environmental Health Sciences Education
(National Institute of Environmental Health
Sciences)

Deadline: Dec. 22, 1995

Supports the enhancement of environmental health sciences education for grades K-12. The specific intent of the FY 96 program is to support organization of teacher enhancement activities to ultimately improve students' comprehension of and interest in environmental health sciences.

Navy Summer Faculty Programs
(American Society for Engineering Education)

Deadline: Jan. 12, 1996

Approximately 150-200 ten-week summer fellowships are available for science and engineering faculty to work in residence at one of the research and development centers operated by the Office of Naval Research. A stipend and travel allowance ranging from \$1,150-\$1,650 per week are provided.

Basic Research in Behavioral and Social
Science

(Army Research Institute for Behavioral and
Social Sciences)

Deadline: Jan. 31, 1996

Supports new, fundamental research in the behavioral sciences. Areas of interest in FY 96 are leadership; implications of digital information; issues in training; social structures affecting Army performance; and occupational analysis.

***** Science, Management
and Technology *****

Distance Learning and Medical Link Program
(U.S. Department of Agriculture)

Deadline: Jan. 14, 1996

Supports projects that encourage, improve, or make affordable the use of advanced telecommunications, computer networks, and related advanced technologies to provide educational and medical benefits through distance learning and medical links to people in rural communities, and to improve rural opportunities.

NASA/University Joint Venture
(National Aeronautics and Space
Administration)

Deadline: Jan. 31, 1996

Develops research capabilities at IHEs with little or no involvement in the U.S. Space program. NASA selects faculty for summer research internships, makes data available, provides travel stipends for faculty and students to NASA research centers, and establishes a computer network connection to the campus. Universities provide faculty research time and matching support for student scholarships and faculty stipends.

Malnutrition in Older People
(National Institute on Aging)

Deadline: Feb 1, 1996

The National Institute on Aging is encouraging grant applications for research on the nutritional status and nutrition-related needs of older people.

Model Projects for Women and Girls
(National Science Foundation)

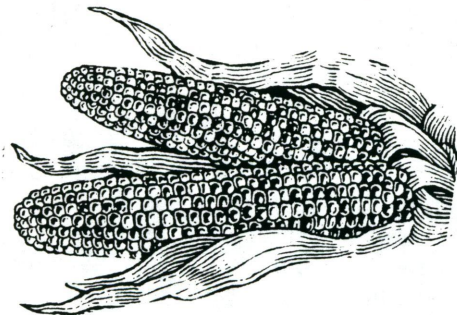
Deadline: Jan. 15, 1996

Supports short-term, highly focused activities, strategies, and/or materials to improve educational achievement and to encourage entry into and/or retention of women and girls in science, engineering, and mathematics. Projects should be both instructional and motivational.

Grant Opportunities for Academic Liason with Industry (GOALI)
(National Science Foundation)

Deadline: Jan. 16, 1996

Supports three types of activities: faculty, students and postdoctoral fellows gaining research experience in an industrial setting; industry scientists and engineers bringing industrial perspectives and skills to an academic setting; and inter-disciplinary industry-university teams conduction long-term projects.



Group Infrastructure Grants
(National Science Foundation)

Deadline: Jan. 16, 1996

Funds mathematics investigators with non-salary support needs whose research would benefit by participation in a research group. Grants will provide equipment, travel funds, research materials, or any resource other than salaries, for teams of researchers to enhance ongoing studies, cross-disciplinary science projects, industrial linkages, or educational and training projects.

Division of Social Economic Science
(National Science Foundation)

Deadline: Jan 15, 1996

Supports basic research in human social behavior, interaction, and decisionmaking, as well as in social and economic systems, organizations and institutions. In addition, the Division supports research to improve the quality and accessibility of social and economic data and resources.

Sociology Program
(National Science Foundation)

Deadline: Jan .15, 1996

Supports research designed to build and test theories of social processes, organization, and change. Programs support primary data collection, secondary data analyses, and both micro and macro analyses of social differentiation and stratification, institutions (such as family and religion), occupations and organizations, demography, social mobility, socialization, gender roles, and the sociology of science and technology.

Academic Infrastructure/Equipment
(National Science Foundation)

Deadline: February 1, 1996

Inviting applications to develop and purchase major state-of-the-art equipment for research and research training.

Teacher Enhancement in Mathematics
(National Science Foundation)

Deadline: Jan 3-Apr 1, 1996
(Preliminary proposals)

The National Science Foundation's Education and Human Resources Directorate is inviting applications for systemic efforts that will help 7th through 12th grade teachers make significant progress in reaching national goals for teaching math.

Burroughs Wellcome Fund - Molecular Pathogenic Mycology Awards
(The Burroughs Wellcome Fund)

Deadline: Jan. 15, 1996

The Burroughs Wellcome Fund's Molecular Pathogenic Mycology Awards support investigators committed to researching the basic pathogenesis of fungi. Deans or Department Chairs should submit applications on behalf of candidates.

University Geologic Mapping Projects (DoI)
(U.S. Geological Survey)

Deadline: Feb. 1, 1996

The U.S. Geological Survey is inviting applications to support master's and doctoral students during geologic field mapping. The program will provide cost-sharing cooperative agreements.

Workforce and Workplace Development Projects.
(NIST)

Deadline: Dec. 22, 1995

The National Institute of Standards and Technology Manufacturing Extension Partnership program is inviting proposals under a focused program competition to develop, implement and analyze tools, techniques or practices that will aid manufacturing extension organizations in providing effective human resources services to small manufacturing organizations.

*****Fellowships*****

Research Fellowships in Marine Policy and Ocean Management
(Woods Hole Oceanographic Institution)

Deadline: Jan. 15, 1996

Supports training of individuals in the economic, legal and political issues that arise from uses of the world's oceans. Emphasis is on economics of ocean space and on the role of science in governmental and industrial ocean policy.

Rockefeller Foundation - Humanities Fellowships
(The Rockefeller Foundation)

Deadline: Jan. 15, 1996

The Rockefeller Foundation's Humanities Fellowships support the work of scholars and writers working to further the understanding of contemporary social and cultural issues and extend international or intercultural scholarship.

HAPPY
Thanksgiving



**IF YOU ARE INTERESTED IN ANY OF THE PROGRAMS LISTED IN THE
DECEMBER NEWSLETTER, PLEASE COMPLETE THIS FORM AND RETURN IT TO THE
GRANTS OFFICE AT THE TAYLOR HOUSE**

NAME: _____ **DATE:** _____

CAMPUS ADDRESS: _____

I WOULD LIKE INFORMATION ON THE FOLLOWING PROGRAMS:

1. _____
2. _____
3. _____
4. _____
5. _____

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GRANTS OFFICE USE ONLY

ATTACHED PLEASE FIND THE INFORMATION YOU REQUESTED.

**WE ARE CURRENTLY OUT OF THE APPLICATION MATERIAL YOU
REQUESTED, BUT WILL SEND THE MATERIAL AS SOON AS IT
ARRIVES**

SENT BY: _____

DATE: _____