

11-13-1972

Bulletin - Vol. 04, No. 10.2 - November 13, 1972

University of Massachusetts Boston

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Recommended Citation

University of Massachusetts Boston, "Bulletin - Vol. 04, No. 10.2 - November 13, 1972" (1972). 1971-1977, *UMass Boston Bulletin*. Paper 77.

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Monthly Funding and Legislative Supplement

INTRODUCTION

This UMB Bulletin includes a special supplement providing research and project funding information relevant to faculty and staff. This special funding supplement, prepared by the Office of Grant Development and Community Service, (OGDCS), will appear on a monthly basis. GDCS will assist UMB community members and organizations obtain detailed information from funding sources in cases where items herein stimulate interest. UMB community members concerned with particular funding areas should inform GDCS so that its review of funding literature is sensitive to these specific areas. GDCS is prepared as well to assist in the preparation of funding proposals.

The Office of Grant Development and Community Service
Jacob Getson, Director, 503W Statler Hilton, ext. 620

FUNDING AND LEGISLATIVE INFORMATION:

HSMHA Wants Grant Applications for Research on the Elderly

Public and nonprofit organizations are invited to submit grant applications for research on ways to improve the quality of long-term care, reduce unnecessary institutionalization, improve manpower utilization, and make more appropriate use of all types of facilities and long-term care programs for the elderly, the Health Services and Mental Health Administration announced.

The program will be administered by the National Center for Health Services Research and Development, which has set November 1, 1972, and February 1, 1973, as deadlines for submitting applications.

"College and University Reports, October 9, 1972"

**Updated Rules Planned
for University Facilities for
the Disabled**

The Social and Rehabilitation Service has issued proposed rules to govern grants to university-affiliated facilities for persons with developmental disabilities, authorized by Title I, Part B, of the Mental Retardation Facilities Construction Act, P. L. 88-164, as amended.

The law, which used to provide grants only for facilities serving the mentally retarded, was substantially broadened by the 1970 amendments to the program.

"College and University Reports, September 18, 1972"

**December 10 Deadline for
Preparation of Personnel in the
Education of the Handicapped**

Legislative authority for the preparation of personnel in education of the handicapped is contained in Public Law 91-230, Special Programs for Children with Specific Learning Disabilities.

The purpose of the higher education program (which is one of three components) is to provide grants to department or combinations of departments for assistance in establishing and maintaining programs of study for such periods of time as the institution may define. Institutions of higher education may apply under this part of the program.

The Division of Training Programs will accept applications from a department (special education, speech and hearing, physical education and recreation, or others) or any combination of departments within an institution of higher education.

For a period of study defined by the institution, a detailed description of the instructional activities must be provided for each area of preparation. These activities include all program components by which the students attain specific skills and competencies.

"Educational Resources, Vol. 3, No. 4, September, 1972"

**Technician Education
Development Program**

The National Science Foundation Technician Development Program is designed to provide support for activities designed to assist in expansion and improvement of post-secondary technician education programs in the United States.

Support for technician education development and improvement projects will be extended to those institutions now ready for, and having capability to carry out, improvement in their own technician education programs. Funds provided under this segment of the Technician Education Development Program may be used to accomplish any combination of activities, including, but not limited to, such things as --instituting new two-year 'branching' curricula; improving existing courses in the light of new technology; providing equipment needed to implement the new technician training program; providing books, films, or other types of teaching or learning aids relevant to technician training; providing for minor building modifications where required to update demonstration or research facilities.

Project to Train Child
Development Associates

The Department of Health, Education and Welfare's Office of Child Development (OCD) will grant \$802,000 to support professional level training for personnel to be employed in preschool programs. The program, which includes extensive on-the-job experience, has been planned by educators and groups particularly concerned with the quality of education for young children. Inquiries to: Dr. Edward Zigler, Director, Office of Child Development, Room 200 West, Department of Health, Education and Welfare, 400 6th Street, S.W., Washington, D.C. 20201

Youthgrant Award Deadline

Application deadline for the National Endowment for the Humanities (NEH) Youthgrant Awards for projects beginning after April 1, 1973 is December 3, 1972. The purpose of the awards is "support of humanities projects initiated and conducted by young people." College and high school students are eligible but academic affiliation is not a requirement. Individuals may apply directly but are encouraged to apply through non-profit organizations.

Grants are usually under \$10,000 and preference is given to summer projects or projects of less than six months duration. The Endowment urges interested individuals to make preliminary inquiries at least a month before submitting a formal application. Inquires to: Youthgrants in the Humanities, National Endowment for the Humanities, Washington, D.C. 20506

NSF Graduate Fellowship Program Deadline

The National Science Foundation (NSF) has announced it will award 500 new graduate fellowships for full-time study leading to a master's or doctor's degree in science, social science, mathematics or engineering. The deadline for applications is November 27. Stipends are \$300 per month, with no dependency allowance. Applicants should not have completed more than one year of graduate study. A discussion of the program appears in NSF publication 72-167, dated September 15, 1972. Forms from: Fellowship Office, National Research Council, 2101 Constitution Avenue, N.W., Washington, D. C. 20418.

Architecture and Environmental Arts Program Awards

National Endowment for the Art's Architecture and Environmental Arts Program awards are a maximum of \$30,000 for institutions and \$10,000 for individuals. The Environmental Education and Public Awareness program seeks to encourage public interest in the environment via pilot programs directed to multi-media educational materials and public school curriculum.

The Development Program to Encourage Facilities for the Arts is directed to research studies concerned with the physical setting for the arts and methods of converting obsolete buildings economically to serve art-related activities.

Applications are accepted throughout the year. However, the National Council on the Arts, which must review all applications for grants over \$10,000, meet in mid-February, May and September. Applications should be submitted two months before a meeting. Before formal applications are sent, a one-page preliminary project proposal, including budget and time information, should be submitted for approval. Preliminary proposals to: Director, Architecture and Environmental Arts Program, National Endowment for the Arts, Washington, D.C. 20506.

Bill to Establish Institute on Aging Ready for Nixon

The bill that would amend the Public Health Service Act by providing for the establishment of a National Institute on Aging, H.R. 14424, has been approved by both the House and Senate, clearing the measure for President Nixon.

The Secretary of Health, Education and Welfare would be authorized to establish a National Institute on Aging for the purpose of conducting and supporting biomedical, social, and behavioral research and training related to the aging process and the special needs of the aged.

Fellowships and traineeships would be available under grants awarded to public and nonprofit institutions. The awards would include stipends and subsistence allowances.

Bill to Establish Regional
Environmental Centers Clears
Congress

The Conference Report on the bill that would amend the National Environmental Policy Act of 1969 to provide for a National Environmental Data System and establish regional environmental centers, H. R. 56, has been accepted by both houses of Congress, clearing the measure for the President.

Senate Passes Bill to Replace
Vocational Rehabilitation Act

The measure that would replace the Vocational Rehabilitation Act to expand the special federal responsibilities and research and training relating to handicapped individuals.

Grants would also be awarded for special research activities which include: establishment of rehabilitation and training centers operated in collaboration with institutions of higher education for providing rehabilitation research, training of research personnel, and graduate training; establishment and support of rehabilitation engineering research centers to develop new methods of applying advanced medical technology, scientific achievement, and psychological knowledge to solve rehabilitation problems and the conduct of an international rehabilitation research, demonstration, and training program for developing new knowledge and methods of rehabilitating the handicapped.

Authorizations for research would be \$75 million for fiscal 1973, \$100 million for 1974, and \$150 million for 1975.

Proposal Guidelines Issued by
NSF for International Ocean
Research

The National Science Foundation has issued guidelines for the submission of proposals for the International Decade of Ocean Exploration program. The program is directed toward environmental quality, environmental forecasting, seabed assessment, and living resources.

Two- or three-page letters summarizing the scientific problems and research objectives of a proposed project and the methods to be used to solve them should be submitted prior to preliminary proposals. Preliminary proposals follow submission of the letters and will be used as a basis for discussion for formulating formal proposals.

Formal proposals should contain a summary of the project in 250 words, a narrative describing the project, problems, background, and objectives, a detailed budget, and a detailed management plan.

"College and University Reports", October 2, 1972

National Academy of Sciences

The Associateship programs provide opportunities for basic research and advanced training to scientists and engineers of unusual ability and promise. Appointments are made on a competitive basis.

Resident Research Associateships are awarded to persons with less than 5 years research experience beyond the doctorate. Senior Associateships are available to scientists and engineers of demonstrated accomplishment with at least 5 years postdoctoral experience.

These programs are open to U.S. citizens and, in some cases, to foreign nationals.

**National Research Council
Postdoctoral Research Associateships
in Federal Laboratories**

These Associateships are temporary Civil Service appointments offered by the participating Federal laboratories. They afford opportunities for basic research and advanced training to scientists and engineers of unusual ability and promise.

Appointments are made on a competitive basis and are limited to persons with less than 5 years postdoctoral experience. U.S. citizenship is required (except Bureau of Medicine & Surgery).

**Announcement of National
Institutes of Health Special and
Health Postdoctoral Research
Fellowships**

The National Institutes of Health (NIH) awards new and continuation special fellowships to approximately 1,000 individuals annually to support research training in health and health-related areas. Among the disciplines and fields supported are anatomy, anthropology, behavioral sciences,

biochemistry, biology, biomedical engineering, biophysical sciences, biostatistics, dental health, endocrinology, entomology, environmental sciences, gastroenterology, genetics, health information specialties, health related chemistry, history of health sciences, laboratory animal science and medicine, microbiology, neurology, nursing, nutrition, parasitology, pathology, pharmacology, physiology, psychology, sociology, toxicology, visual sciences, and zoology.

Applications are available in Rm. 507W, Statler Hilton

NSF Regional Conferences in the Mathematical Sciences

The National Science Foundation is seeking proposals for five-day regional conferences on subjects of current research interest in the mathematical sciences. The conferences are to be held during the summer or fall of 1973. The objective of the regional conference project is to stimulate and broaden mathematical research activity, particularly in regions of the country where such activity needs further development. As in the past four years, the organization of the conferences, evaluation of proposals, and arrangements for publication of conference-related expository papers are to be carried out by the Conference Board of the Mathematical Sciences, Washington, D. C., under contract with the National Science Foundation.

About a dozen conferences per year are projected, each to take place at a host institution during a summer week, or possibly within a recess of the succeeding academic year. Topics for conferences may be concerned with one or more of the various disciplines of the mathematical sciences, including, in addition to pure mathematics, fields such as applied mathematics, statistics, computer science, operations research and management science.

All participants in a conference receive allowances for travel and subsistence.

The application deadline is December 1, 1972. For further information contact: Dr. William H. Pell
National Science Foundation
1800 G Street, N. W.
Washington, D. C. 20550

NSF Student-Originated Studies

National Science Foundation announces grants for undergraduate, student-originated studies. Deadline for applications is November 30, 1972. Guidelines available Office of Grant Development and Community Service.