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# University of Massachusetts at Boston



FUNDING AND LEGISLATIVE SUPPLEMENT

NOVEMBER 1973

Office of Grant Development  
and Community Service

## EDUCATION

### Arts City Options Program Announced

The National Endowment for the Arts has announced a new program, CITY OPTIONS, the second phase of the National Theme Program launched last year by the Architecture and Environmental Arts Office of the Endowment.

The first phase, City Edges, concentrated on urban boundary conditions which create both design problems and design opportunities. Thirty-seven grants totaling more than \$1,100,000 were awarded.

CITY OPTIONS will concentrate on those special settings within a city, exploring those options that will foster and contribute to qualities which humanize our urban settings.

Applications may be submitted by individuals or by state and local government entities, universities or groups that possess tax-exempt, non-profit status under federal income tax regulations. All grants except those made to individuals will be made on a matching basis, with the applicant providing one-half of the total project cost from non-Federal funds.

Completed applications must be submitted by January 15, 1974. Final selection of grants will be made in June 1974, following review by an advisory panel of design and planning professionals and by the National Council on the Arts.

### Child Abuse and Neglect Programs -- January 4 Deadline

The Department of Health, Education and Welfare, through the Office of Human Development and under the leadership of the Office of Child Development is beginning a new demonstration program aimed at the creation and development of innovative approaches to the problem of child abuse and neglect at the local and/or state level. This demonstration program is being jointly funded by the Office of Child Development, Social and Rehabilitation Service, Health Services and Mental Health Administration, and the Office of Education. Demonstrations should be concerned with the integrated and coordinated delivery of services to those families in which an incident of child abuse and neglect has occurred. The objectives of the child abuse and neglect research and demonstration program include the following:

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- (1) To assist the local communities and states in developing public awareness of the problem of child abuse and neglect.
- (2) To educate community members in the detection, prevention, protection and care of the abused/neglected child and family.
- (3) To provide for the development of a systematic and integrated approach to the delivery of services to abused and neglected children and their families.

The Department of Health, Education and Welfare is interested in determining the feasibility of such efforts under a variety of agency auspices and locations. Depending on the range and quality of the applications received, it is the intent of the Department to fund projects at state, county and local levels under the administration of public and voluntary agency direction.

#### Summary of Programs Funded by the National Science Foundation

The following summary has been prepared by the Office of Grant Development and Community Service to assist faculty, staff and students who might be interested in applying for grants from the National Science Foundation. As most of you know, NSF has undergone considerable reorganization in the past year, and the information included here on proposal requirements, submission procedures and deadlines is based upon the newly revised structures and policies of NSF.

NSF is now divided into five directorates: Research Applications, Education, National and International Programs, Research, and Administration. Each of these directorates has various divisions and offices with specific areas of responsibility. In many cases, the lines between these divisions and offices are not perfectly clear and program ideas often overlap. We therefore suggest that anyone interested in applying for funding from the NSF contact the Office of Grant Development and Community Service for further information on the present organization of the Foundation.

While application forms and procedures vary somewhat within the individual program areas and structural divisions, it should be noted that all grant-making programs within the NSF now "strongly advise" that prospective applicants submit a letter of inquiry or preliminary proposal to the program under which they wish to apply for funding well in advance of the deadline for formal applications. This preliminary contact is particularly important since the reorganization of NSF, as it is not always clear from reviewing guidelines alone to which division or office a proposal should be sent. We therefore encourage prospective applicants to allow sufficient time for preliminary inquiries when planning project timetables.

This summary describes all the NSF programs for which guidelines and application procedures are available and which are applicable to University faculty, staff and students. Information on additional programs will be published as it is received by this Office.

## PROGRAMS SPONSORED BY ASSISTANT DIRECTOR FOR EDUCATION

### I. Division of Higher Education in Science

1. Alternatives in Higher Education Program. Support is offered to projects that develop alternatives to existing educational patterns and materials, that develop and test new modes of instruction and delivery systems, that generate educational programs for which a demonstrated social demand exists, that formulate and test systems for delivering continuing or recurring education to members of the scientific and technical work force, and finally, that devise means for incorporating these advances into existing educational programs. Three broad categories of activity comprise the program: 1) Instructional Materials and Modes Development, 2) Alternative Degree Programs and 3) Continuing Education for Scientists and Engineers. Priorities for support have shifted from course content improvement in conventional science disciplines towards newly emerging, interdisciplinary and problem-relevant subject areas as well as towards experimentation with more effective and efficient education process.

Deadline: Open

Preliminary proposal required. Allow six months before a final decision is reached.

2. College Faculty Workshop Program. The workshops are to develop, to the stage of practical implementation, educational products of national scope and utility. The objective of the workshops is to involve college faculty members in preparing course materials and modes of delivery for new advances in science and science instruction and in testing the effectiveness of these science curricular innovations. The topic of a workshop may be: 1) New materials, 2) New scientific instructional units and 3) Educational technologies or instructional delivery systems. The topic of a workshop must be of sufficiently broad applicability and impact as to warrant national implementation. Priority is given to the development of more efficient and effective educational procedures in newly emerging, interdisciplinary and problem-relevant subject areas, and to self-directed learning.

Deadline: Open

Allow six months for a final decision.

3. Minority Institutions Science Improvement Program. Designed to provide support for projects in colleges and universities that were founded to serve the educational needs of disadvantaged ethnic minorities and that have continued to do so. Primary purpose of program is to establish model operating science education programs.

Deadline: Open

Preliminary proposal required. Allow six months for a decision.

### II. Office of Experimental Projects and Programs

1. Student-Oriented Programs. Composed of three elements: 1) Student Science Training for high ability secondary school students (SST), 2) Undergraduate Research Participation for college undergraduates (URP) and 3) Student-Originated Studies for teams of undergraduates or graduates (SOS). Central objective is to foster wider use of teaching/learning techniques that go beyond the standard formats.

Deadline: December 7, 1973 for all three program elements.

Awards will be announced in March 1974.

2. Technological Innovation in Education Program. Provides support for the development of innovative computer and related communication technologies and systems designed to improve the quality and efficiency of science education at all levels. Support may be provided for 1) studies of computer technology and techniques applicable to instruction and 2) projects focused on the testing and evaluation of systems of exceptional technological innovation and promise.

Deadline: Open

Preliminary proposal requested. Allow four months for decision.

3. Educational Program Restructuring. Provides support to assist in the design, development and evaluation of a few major experimental models of new approaches to the organization, management and delivery and content of science education. Program areas are: 1) Experiments in Undergraduate Learning Environment (RULE), 2) Experiments in State, Regional or Urban Systems (SYSTEMS) and 3) Experiments in Pre-Service Education of Teachers of Science (PSTEP).

Deadline: Open

Preliminary proposal required. Allow six months for a decision.

#### PROGRAMS SPONSORED BY ASSISTANT DIRECTOR FOR RESEARCH APPLICATIONS

##### I. Division of Social Systems and Human Resources

1. Decision-Related Research on the Organization of Service Delivery in Metropolitan Areas Program. General object is the conduct of applied research on organizational alternatives for the delivery of selected services in metropolitan areas. Funding will be made in two phases and award recipients will accomplish seven major tasks.

Deadline: January 22, 1974

Complete program guidelines are not yet available for other programs under the Research Applications directorate but the major divisions of this directorate are: Environmental Systems and Resources, Social Systems and Human Resources, Advanced Technology Applications, Intergovernmental Science and Research Utilization, Exploratory Research and Problem Assessment, Programs and Resources, Systems Integration and Analysis, and Public Technology.

#### PROGRAMS SPONSORED BY ASSISTANT DIRECTOR FOR NATIONAL AND INTERNATIONAL PROGRAMS

I. Division of International Programs. This Division supports Cooperative Science Programs which fund cooperative research, joint seminars and scientific visits to: Romania, Hungary, Czechoslovakia, Bulgaria, Japan, Republic of China, Italy, India and France. Deadlines vary according to program.

Program Descriptions, guidelines and application procedures for the above-described NSF programs are available from the Office of Grant Development and Community Service, Ext. 2303.

**NSF Sets December Date  
for Economic Development  
Program**

**RESEARCH**

The National Science Foundation has established a date of December 1 for submission of proposals for its Scientists and Engineers in Economic Development Program. The program provides support for United States scientists and engineers to apply their experience to problems of development in forty-two countries and Africa, Asia, Latin America, the Middle East and the Caribbean. Both research/teaching grants and international travel grants are available through this program. Applications are limited to scientists and engineers from the United States academic institutions with at least five years of post-doctoral or equivalent experience in teaching or research and who will return to their institutions on completion of the project.

**Scientific Instruments Available  
on Loan from NOAA**

The National Oceanic and Atmospheric Administration has announced that it has several hundred bathythermographs for loan to academic institutions, technical training schools with marine programs, marine laboratories and other organizations with marine interests. Loan of the equipment is free, except for an initial \$100 fee per instrument.

**ACLS Programs for Individual  
Scholars**

The American Council of Learned Societies sponsors a number of programs of fellowships and grants designed to advance research. Fields of specialization included are philosophy; aesthetics; philology, languages, literature, and linguistics; archaeology; art history and musicology, history; cultural anthropology; and folklore. Proposals with a predominantly humanistic emphasis in economics, geography, political science, psychology, sociology and the natural sciences will also be considered. Competitions are not restricted to members of academic faculties or to members of the ACLS. Several programs of grants for area studies are also conducted under the joint sponsorship of the ACLS and the Social Science Research Council, through the International Research and Exchange Board (IREX). Proposals eligible for consideration under area programs may not be submitted in any of the general categories.

Some of the programs of the ACLS, along with their application deadlines, are:

Grants-in-Aid for humanistic research	-- Feb. 15, 1974
Travel Grants to International Congresses and Conferences Abroad	-- Feb. 1, 1974
Research Fellowships in American Studies for Foreign Scholars	-- Dec. 1, 1973

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Grants for Research on Chinese Civilization	-- Dec. 3, 1973
Grants for Research on South Asia	-- Dec. 3, 1973
Grants for Soviet Studies	-- Dec. 31, 1973

East European Studies:

1. Grants for Postdoctoral Research -- Dec. 31, 1973
2. Grants for Study of East European Languages -- Feb. 1, 1974
3. Travel Grants to International Conferences Abroad -- Feb. 15, 1974
4. Grants in Support of Conferences -- Feb. 15, 1974

In all programs except the Study of East European Languages, applicants are required to have the doctorate or its equivalent as of the deadline; in all programs except American Studies for Foreign Scholars, applicants must be citizens or permanent residents of the United States or Canada. In requesting applications forms, include age, highest academic degree held and date received, citizenship or permanent residence, academic or other position, field of specialization, proposed subject of research, period of time for which support is requested, and the specific award program under which application is contemplated. Application should be made under one program only.

**NRC Lists 1974 Deadlines**

The National Research Council has announced its 1974 program of Post-Doctoral Research Associateships, which provide opportunities for research in selected federal laboratories and organizations for post-doctoral scientists and engineers. Three programs are available, one in biological medical and behavioral sciences; one in chemical engineering, mathematical and physical sciences; and one in atmospheric, earth and space sciences. Stipends for the research associateships will be not less than \$13,000 per year. The closing date for applications is January 15, 1974, except for programs in NASA laboratories, which have dates of January 15, May 15, and September 15, 1974.

**Ford and Rockefeller Support Program for Population Policy Research**

The Rockefeller and Ford Foundations have jointly announced the fourth year of a worldwide program of awards in support of research on population policy. Proposals for social, scientific and legal research will again be accepted, but in addition, this year projects in population policy research drawing on humanistic disciplines will be encouraged. Proposals must be research-oriented. The proposed research should begin after July 1, 1974 and be completed within two years. In no case will an award exceed \$50,000 and a grant of such magnitude will be rare. Grants may cover the costs of data collection, other research expenses, necessary travel, and professional salaries.

Proposals must be received by January 15, 1974; awards will be announced in April 1974.

## FELLOWSHIPS AND SCHOLARSHIPS

### **OAS Sets December Deadline for Fellowship Program**

The Organization of American States has established a deadline of December 31 as its next application deadline for Fellowships for study and research within member states of the OAS. Funds are awarded from periods of 3 months to 2 years for study and research tenable only in countries other than that of the applicant. Awards cover travel, tuition, fees and maintenance.

### **Justice Fellowships**

National Institute of Law Enforcement and Criminal Justice has new fellowship program to promote research on major issues of crime prevention and control and the administration of criminal justice. Both scholars and criminal justice professionals are sought to carry out three-month to two-year research projects of their own design. All work will be done in Washington.

### **White House Fellows Program Deadline Extended to December 15**

The President's Commission on White House Fellows has extended the deadline for applications for the tenth White House Fellows program to December 15, 1973.

This program will bring between fifteen and twenty exceptionally promising young men and women to Washington for a year to serve as assistants to cabinet officers or White House Staff members. The Commission is particularly interested in finding suitable women applicants.

### **NSF Reopens Competition for Graduate Fellowships**

The National Science Foundation has reopened annual competition for Graduate Fellowships, and plans to award 500 fellowships early next year. These awards are for full-time study leading to the master's or doctorate degree in science, including the social sciences, mathematics or engineering. Graduate Fellows receive stipends of \$3,600 over 12 months. Awards are made for a three year period, dependent on the student's satisfactory progress; no dependency allowances are paid. Awards are not made in clinical, education, or business fields; in history or social work; or in studies toward medical, dental, law or joint Ph.D - professional degrees.

### **AAUW Sets January Date for Fellowships for Women**

The American Association of University Women has set a deadline of January 2 for receipt of applications and supporting documents for its 1974 AAUW Fellowships for Women Program. Fellowships are offered to women who have fulfilled all requirements for the doctorate except dissertation. Stipends range from \$2,500 to \$5,000 for a one year period, and funds may be used for projects in any field.



**Fellowships and Grants Offered  
by the Social Science Research  
Council**

The Social Science Research Council sponsors two types of fellowships and grants: those which embrace only training and research in social science, and those which include the humanities. (The second type is sponsored jointly with the American Council of Learned Societies).

In the first group are Research Training Fellowships offered to social scientists who wish to obtain training in research beyond that normally required in doctoral programs in their own disciplines, to prepare them for innovative research in the social sciences. Fellowships may be held for nine months to twelve months; the amount of the fellowship will be individually determined. Preliminary inquiries should be made before December 1, 1973 and formal applications submitted by January 3, 1974. The Council also has a new program of research grants for scholars from minority populations for research on racism and other social factors in mental health. Awards range up to \$10,000. The next deadline for these grant applications will be in the Fall of 1974.

Fellowships and Grants for Training and Research in Foreign Areas are sponsored jointly with the ACLS. Fellowships in this program support doctoral dissertation research abroad. Grants for research in foreign areas are offered to scholars whose competence in the social sciences or humanities has been demonstrated by their previous work; they are not available to degree candidates. Further details on these awards and the deadline dates are available from the Office of Grant Development and Community Service.

If you have any questions about the information included here, or about any other programs, please call the Office of Grant Development and Community Service, Ext. 2301 or 2303.