

12-1-1984

WSU Research News, December 1984

University Research Services, Wright State University

Follow this and additional works at: https://corescholar.libraries.wright.edu/ws_u_research_news



Part of the [Mass Communication Commons](#)

Repository Citation

University Research Services, Wright State University (1984). *WSU Research News, December 1984*. .

This Newsletter is brought to you for free and open access by the Office of the Vice Provost for Research at CORE Scholar. It has been accepted for inclusion in WSU Research News by an authorized administrator of CORE Scholar. For more information, please contact library-corescholar@wright.edu.

RESEARCH NEWS

December, 1984
Volume XVIII Number 2

The University Research Services' Staff expresses appreciation for the positive response to our Annual Grant Writing and Research Development Workshop held October 9, 1984. Fifteen new faculty and staff attended the workshop.

The Executive Director, Miami Valley Heart Chapter of the American Heart Association has given notification of pending changes in research applications deadlines and funding years. The following is the NEW schedule.

"The funding year for grants will be changed from the calendar year to fiscal year, July through June 30."

- 1) Currently funded investigators, with applications pending for continuing support (and if approved for refunding), will have a choice of:
 - a) stretching 1985 calendar year support over an 18 month period, ending June 30, 1986, and making re-application in late January, 1986, for the new fiscal grant year beginning July 1, 1986; or
 - b) filing a combined progress/status report and half-year budget extension request on March 1, 1985, to provide continuity in projects from January 1, 1986 to June 30, 1986. A complete renewal application would be due in late January, 1986, for support for July 1, 1986--June 30, 1987.
- 2) Current applicants (if approved) for first-time support from the Chapter will have their choice of the following:
 - a) to begin projects January 1, but with prior knowledge that it will be 18 months before renewal monies will be available; or
 - b) to delay project start to July 1, 1985 and thus directly cycling in to the new deadline and grant year schedule.

Selection of either of these options will result in the renewal application being due late January, 1986 for support for the grant year July 1, 1986-June 30, 1987.

- 3) The next deadline for grant-in-aid applications will be in late January, 1986, for activation for the grant year July 1, 1986-June 30, 1987.
- 4) Changes could conceivably be made in the above schedule, potential applicants are invited to contact the chapter office after January 1, 1985, for any revisions in the schedule.

Ruth Milligan
University Research Services

TABLE OF CONTENTS

I.	<u>GRANTS AWARDED</u>	3
II.	<u>ANNOUNCEMENTS</u>	
	A. Submission and Funding Report	6
	B. New Publication Available at URS	6
	C. NASA Graduate Student Researchers Program	6
	D. National Faculty Exchange Program	6
	E. New Student Worker	6
III.	<u>FUNDING OPPORTUNITIES - SCIENCE AND HEALTH</u>	
	A. National Institutes of Health	7
	B. National Science Foundation	11
	C. Other Science and Health	12
IV.	<u>FUNDING OPPORTUNITIES - SOCIAL SCIENCES</u>	16
V.	<u>FUNDING OPPORTUNITIES - ARTS AND HUMANITIES</u>	19

I. GRANTS AWARDED

THE FOLLOWING GRANTS WERE AWARDED FOR THE MONTHS OF AUGUST, SEPTEMBER, AND OCTOBER, 1984.

A. ACADEMIC ADMINISTRATION

1. Biomedical Science Ph.D. Program

Weisman, Robert
National Science Foundation "National Science Foundation Graduate Fellowship" \$13,000

B. COLLEGE OF BUSINESS AND ADMINISTRATION

1. Institute for Community & Organizational Development

Karns, David "Needs Assessment" \$1,500
Ohio Rehabilitation
Services Commission

Karns, David "Citizen's Perception of Selected
City of Dayton, Office Municipal Services" \$7,750
of Management & Budget

C. COLLEGE OF EDUCATION AND HUMAN SERVICES

1. Education

White, Mary Lou "Gutenberg's Galaxy: His Impact on
Ohio Humanities Council Language, Literature, and the Arts"
\$712

2. Teacher Education

Niswander, Virginia "Computer Software Equipment" \$382
Reynolds & Reynolds

D. GRADUATE STUDIES

1. Applied Behavioral Science

Klein, Helen "Graduate Research Assistant" \$6,000
Vernay Laboratories

2. School of Graduate Studies

Thomas, Donald "Graduate & Professional Opportunities
Office of Education Program" \$25,200

3. University Research Center

Look, David "Characterization of Material Device
U. S. Air Force, Wright Structure" \$170,396
Patterson, AFB

E. INSTRUCTIONAL SERVICES

1. University Division

Shearer, Anne "College Motivation: Phase I and Phase
City of Dayton, Board II" \$6,584
of Education

F. SCHOOL OF MEDICINE

1. Administration

Suriano, Robert "Preparation of Minorities for Medical
Health Resource Administration Careers" \$116,788

2. Biological Chemistry

Harrison, Earl "Localization of Vitamin A in Target
National Institute of Arthritis, Diabetes, Digestive
and Kidney Diseases Tissues & Liver" \$34,995

Varandani, Partab "Regulation & Function of Insulin
National Institute of Arthritis, Diabetes, Digestive
and Kidney Diseases Degradation" \$183,701

I. GRANTS AWARDED (CONTINUED)

F. SCHOOL OF MEDICINE (continued)

3. Community Medicine

Czelen, William &
Mohler, Stanley
Southeastern Center for
Electrical Engineering
Education

"The Physiologic Characterization,
Prediction, & Biofeedback Treatment
of Motion Sickness" \$12,000

4. Endocrinology

Pilistine, Sydne
Varandani, Partab
National Institute of
Arthritis, Diabetes,
Digestive, and Kidney Diseases

"Metablism of Insulin-Like Growth
Factors" \$17,736

Striffler, John
National Institute for
Arthritis, Diabetes,
Digestive, & Kidney Diseases

"Hepatic Insulin Metabolism/Perfused
Liver-Pancreases" \$37,500

5. Pediatrics

Newman, Stephen
Emory University

"Tyramine Metabolism & Encephalopathy/
Reyes Syndrome" \$3,448

Roche, Alexander &
Chumlea, W. &
Mukherjee, D.
U.S. Army Research

"Identification/Validation of New
Anthropometric Techniques for
Quantifying Body Composition" \$36,178

6. Psychiatry

Rodenhauer, Paul &
Allen, Arnold
Ohio Department of Mental
Health

"Integrated Psychiatry Residency Training
Program" \$41,124

7. Surgery

Zwart, Hans
Ethicon, Inc.

"Artificial Coronary Bypass Conduit"
(continuation) \$17,045

G. SCHOOL OF PROFESSIONAL PSYCHOLOGY

1. Administration

Bent, Russell
Ohio Department of Mental
Health

"Personnel Services" \$10,788

H. SCIENCE AND ENGINEERING

1. Biological Sciences

Arlan, Larry
Ohio State University

"Evaluation of D-Limonene & A D-Limonene
Isomer on Sarcoptes Scabiei var. Canis"
\$2,000

Carmichael, Wayne
U.S. Army Medical Research
and Development Command

"Fresh Water Cyanobacteria (Blue-Green
Algae) Toxins: Isolation & Characterization"
\$140,899

2. Brehm Laboratory

Tiernan, Thomas
More than one source of
support

"Analytical Services"
\$205,341

3. Chemistry

Carraher, Charles
Petroleum Research Fund,
American Chemical Society

"Synthesis/Characterization of Polymer-
containing Dyes" \$15,000

Serve, Paul
Air Force Office of
Scientific Research

"Metabolism of CIS and Trans-decalin in
Fisher Rats" \$21,040

4. Geological Sciences

Schmidt, Ronald
Montgomery County Sanitary
Engineering Department

"Ground Water Monitoring" \$3,543

I. GRANTS AWARDED (CONTINUED)

H. SCIENCE AND ENGINEERING (continued)

5. Mathematics and Statistics

Miller, David
U.S. Air Force, Wright
Patterson, APB

"Optimum Vibration Suppression in Large
Scale Structural Systems" \$57,496

6. Psychology

Crampton, George &
Lucot, James
National Aerospace
Administration

"Evaluation of Putative Neurochemical
Intermediaries in Space Motion Sickness"
\$23,311

Wilson, Warner
National Institute on Aging

"Training in Geriatrics Research" \$48,800

I. STUDENT SERVICES

1. Financial Aid

Darr, David &
Koch, Elenore
Office of Education

"Supplemental Educational Opportunity
Grants Program" \$100,166

Darr, David &
Koch, Elenore
Office of Education

"Supplemental Educational Opportunity
Grants Program-Continued" \$103,113

Darr, David &
Koch, Elenore
Office of Education

"College Work Study" \$836,240

Darr, David &
Koch, Elenore
Public Health Service

"Scholarship Grant-Medicine" \$31,418

Darr, David &
Koch, Elenore
Office of Education

"National Direct Student Loan" \$40,687

2. Vice President for Student Affairs

Koch, Elenore &
Lyons, Steven
Office of Education

"Veterans Cost of Instruction Program"
\$7,178

J. UNIVERSITY LIBRARY

1. Health Science Library - Administration

Kidder, Audrey &
Hoffman, M. A.
Public Health Services

"Ross A. McFarland Collection" \$76,403

K. WESTERN OHIO BRANCH CAMPUS

1. Administration

Knapke, Thomas
Wells Fargo Bank

"Wells Fargo Gamefield" \$3,000

2. Education

Custenborder, Catherine
Martha Holden Jennings
Foundation

"Network Newsletter" \$397

II. ANNOUNCEMENTS

- A. We are happy to report that the Office of University Research Services staff has serviced and assisted 123 investigators in the submission of applications to funding agencies since July 1, 1984.

We are also happy to report that during this same period, approximately 92 proposals were funded and budget digests were organized and processed.

In order to best serve the faculty and other researchers, we request that if at all possible, researchers call to schedule an appointment for proposal processing and budget preparation. This arrangement assures each researcher and the URS staff adequate time to process applications and documents for submission to various funding agencies.

- B. University Research Services has recently received the following new publications which may be of interest to individuals engaged in research:

Guide to Research Support, American Psychological Association, 1984.

The Grants Register-1985-87, Macmillan Publishers, 1984.

Directory of Research Grants - 1984, Oryx Press, 1984.

- C. Information is available at URS describing the NASA Graduate Student Researchers Program. The Program is designed to significantly increase the number of highly trained scientists and engineers in aeronautics, space science, space applications, and space technology to meet the continuing needs of the national aerospace effort. Specific research areas are identified each year by the directors of the various NASA centers and Headquarters. These areas are selected especially to provide the students opportunities to work on a project of high priority to NASA, to use unique NASA equipment and facilities, and to interact with senior NASA research personnel.
- D. The National Faculty Exchange "Exchange Help Wanted" list has been distributed. Catalogs for the universities seeking INCOMING exchange participants, as well as additional information, are available from Crete Vandeval's office - 105A Administrative Wing, #2536.
- E. Student worker Sheila Brown has recently joined our office staff. Sheila is a freshman majoring in elementary education. Welcome aboard.

III. FUNDING OPPORTUNITIES - SCIENCE AND HEALTH

FOR FURTHER INFORMATION CONCERNING FUNDING OPPORTUNITIES OR INFORMATION IN GENERAL CONCERNING GRANTS AND CONTRACTS, PLEASE CALL THE OFFICE OF UNIVERSITY RESEARCH SERVICES, 873-2425/6 OR USE THE ORDER FORM ON THE LAST PAGE. WHEN REQUESTING INFORMATION ON LISTED OPPORTUNITIES, PLEASE REFER TO THE NUMBER BY EACH LISTING.

A. NATIONAL INSTITUTES OF HEALTH

- | | | |
|---|-------|---|
| Small Grant Award for Pilot Projects | 2-101 | <p>The National Institute on Aging is announcing a Small Grant Award for research in the following areas: Animal Models; Exercise Physiology, Senile Dementia of the Alzheimer Type; Geriatric Medicine; Nutrition and Health of the Aged Adult; and Health and Effective Functioning in the Middle and Later Years.</p> <p>Deadline: February 1, 1985, June 1, 1985</p> |
| Clinical Investigator Development Award | 2-102 | <p>The National Institute of Neurological and Communicative Disorders and Stroke announces the availability of a Clinical Investigator Development Award to prepare clinically-trained persons for academic research careers in the medical sciences related to neurological and communicative disorders.</p> <p>Deadline: February 1, 1985, June 1, 1985</p> |
| Physician Scientist Award | 2-103 | <p>This award is designed to encourage the individual with clinical training to develop research skills in a fundamental science. These awards are supported by the following institutes: National Institute on Aging; National Institute of Allergy & Infectious Diseases; National Institute of Arthritis, Diabetes, & Digestive & Kidney Diseases; National Institute of Child Health & Human Development; National Institute of Dental Research; National Institute of Environmental Health Sciences; National Eye Institute; and National Heart, Lung, & Blood Institute.</p> <p>Deadline: February 1, 1985, June 1, 1985</p> |
| Clinical Investigator Award | 2-104 | <p>This award is designed to provide the opportunity for promising clinically-trained individuals to develop into independent biomedical investigators. The award is intended to facilitate transition from post-doctoral training to a career as an independent investigator. The award is supported by the following institutes: National Institute on Aging; National Institute of Allergy & Infectious Diseases; National Institute of Arthritis, Diabetes, & Digestive & Kidney Diseases; National Cancer Institute; National Institute of Child Health & Human Development; National Institute of Environmental Health Sciences, National Heart, Lung, & Blood Institute.</p> <p>Deadline: February 1, 1985, June 1, 1985</p> |
| Shared Instrumentation Grants | 2-105 | <p>This program is designed to meet the special problem of acquisition and updating of expensive shared-use instruments which are not generally available through other NIH mechanisms.</p> <p>Deadline: February 15, 1985</p> |
| International Fellowships | 2-106 | <p>The John E. Fogarty International Center for Advanced Study in the Health Sciences announces the availability of senior postdoctoral fellowships to outstanding U.S. health scientists who wish to conduct collaborative research abroad. This program does not provide support for brief visits, attendance at scientific meetings, attendance in formal training courses, independent research projects, or clinical, technical or teaching services.</p> <p>Deadline: January 15, 1985</p> |

III. FUNDING OPPORTUNITIES - SCIENCE AND HEALTH (CONTINUED)

A. NATIONAL INSTITUTES OF HEALTH (continued)

- | | | |
|---|-------|---|
| Cytogenetics & Predisposition to Cancer | 2-107 | The Division of Cancer Biology and Diagnosis of the National Cancer Institute is inviting grant applications to determine whether certain sites on chromosomes can be identified as predisposing factors in human cancer.

Deadline: March 15, 1985 |
| Inhibitor Formation in Hemophilia | 2-108 | The Blood Diseases Branch of the Division of Blood Diseases and Resources, National Heart, Lung, and Blood Institute announces a program to encourage research addressing fundamental questions concerning the development of inhibitors to factors VIII and IX in hemophilia and to determine what measures may prevent or modify the immunological response.

Deadline: February 15, 1985 |
| Juvenile Hypertension | 2-109 | The Hypertension and Kidney Diseases Branch, Division of Heart and Vascular Diseases, National Heart, Lung, and Blood Institute announces a program of research which should focus on multidisciplinary investigations seeking to elucidate mechanisms of blood pressure regulation and hypertension in the young, to identify individuals who will develop systemic hypertension as adults, and to improve the medical management of juvenile hypertension.

Deadline: April 1, 1985 |
| Childhood Nutrition | 2-110 | The Prevention & Demonstration Research Branch of the Division of Epidemiology & Clinical Applications, National Heart, Lung, & Blood Institute announces a program to support research studies that will identify and track the acquisition of food intake and physical activity patterns related to cardiovascular health in children three or four years of age at entry into a study.

Deadline: February 15, 1985 |
| Exercise, Stress and Atherosclerosis | 2-111 | The Behavioral Medicine Branch of the Division of Epidemiology and Clinical Applications, National Heart, Lung, & Blood Institute announces a special grant program to support research investigating the role of physical exercise as a potential mediator of the effects of stress on the development and progression of atherosclerosis.

Deadline: February 15, 1985 |
| Preventive Cardiology Academic Award | 2-112 | The Division of Epidemiology & Clinical Applications of the National Heart, Lung, & Blood Institute has initiated this award to provide a stimulus for the development of a preventive cardiology curriculum in those schools of medicine that do not have one and to strengthen and improve the curriculum in those schools that do.

Deadline: April 1, 1985 |
| Research Career Development Award | 2-113 | The Division of Lung Diseases of the National Heart, Lung, & Blood Institute supports a program to encourage basic scientists to gain experience in the basic science aspects of pulmonary research. The initiative will encourage scientists in disciplines including, but not limited to, biochemistry, molecular biology, genetics, and immunology to interact with pulmonary researchers in the conduct of pulmonary research.

Deadline: February 1, 1985, June 1, 1985 |

III. FUNDING OPPORTUNITIES - SCIENCE AND HEALTH (CONTINUED)

A. NATIONAL INSTITUTES OF HEALTH (continued)

- | | | |
|--|-------|---|
| Geriatric Leadership Academic Award | 2-114 | <p>The National Institute on Aging invites academic health centers and other health professional schools to submit applications for the support of leadership activities in the development of research and research training programs in aging. Priority is given to those academic centers or schools with limited activities in aging but which have a strong interest in, and commitment to, expanding their research.</p> <p>Deadline: February 1, 1985, June 1, 1985</p> |
| Sexually Transmitted Diseases | 2-115 | <p>The National Institute of Allergy and Infectious Diseases invites applications for regular research grants for the purpose of conducting studies on the subjects of a) chlamydial infections in males and females and b) vaginosis.</p> <p>Deadline: March 1, 1985, July 1, 1985</p> |
| Diabetes Mellitus and Related Problems | 2-116 | <p>The National Institute of Arthritis, Diabetes, & Digestive & Kidney Diseases, National Institute on Aging, National Institute of Allergy & Infectious Diseases, National Institute of Child Health & Human Development, National Institute of Dental Research, National Institute of Environmental Health Sciences, National Eye Institute, National Heart, Lung, & Blood Institute, and National Institute of Neurological & Communicative Disorders & Stroke invite applications for research grants in the general area of diabetes mellitus and related problems.</p> <p>Deadline: March 1, 1985, July 1, 1985</p> |
| Mechanisms of Platelet Refractoriness | 2-117 | <p>The Division of Blood Diseases & Resources invites grant applications to determine factors that produce refractoriness to transfused platelets and to identify methods to improve platelet support for refractory patients.</p> <p>Deadline: February 15, 1985</p> |
| Cardiac Rhythm | 2-118 | <p>The Division of Heart & Vascular Diseases invites grant applications for support of multidisciplinary basic and clinical research of normal and abnormal cardiac rhythm. The major purpose of this special grant program is to stimulate comprehensive investigations into the genesis of normal cardiac rhythm and the mechanisms underlying dysrhythmias, particularly those induced by myocardial ischemic injury.</p> <p>Deadline: February 15, 1985</p> |
| Community Prevention Research - Alcohol and Drug Abuse | 2-119 | <p>The goal of this research announcement is to encourage rigorous scientific study of substance abuse prevention technologies at multiple levels in the community in order to determine their efficacy in preventing the onset of both alcohol and drug use and patterns of abuse.</p> <p>Deadline: January 2, 1985, March 1, 1985, July 1, 1985, and November 1, 1985</p> |
| Mental Illness in Nursing Homes | 2-120 | <p>The National Institute of Mental Health seeks applications for individual research projects which will increase knowledge and improve research methodology on emotional, social, behavioral, and mental disorders of residents in nursing homes; will generate information regarding the interplay of biological, behavioral, genetic, and social processes underlying these disorders and the maintenance of mental health among nursing home residents; and will increase knowledge of mental health services and practices.</p> <p>Deadline: March 1, 1985, July 1, 1985</p> |

III. FUNDING OPPORTUNITIES - SCIENCE AND HEALTH (CONTINUED)

A. NATIONAL INSTITUTES OF HEALTH (continued)

- | | | |
|---|-------|--|
| Endocrine System | 2-121 | <p>The National Institute of Environmental Health Sciences and the National Institute of Arthritis, Diabetes & Digestive & Kidney Diseases support increased research activity in environmental and endocrinology. Collaborative research efforts between Endocrinologists and Toxicologists or scientists in closely related disciplines are especially encouraged.</p> <p>Deadline: March 1, 1985, July 1, 1985</p> |
| Oldest Old | 2-122 | <p>The National Institute on Aging invites qualified researchers to submit new and supplemental applications for research projects which focus on the oldest old--those over age 85.</p> <p>Deadline: March 1, 1985, July 1, 1985</p> |
| Development of Genetic Hypertensive Animal Models | 2-123 | <p>This program announcement from the National Heart, Lung, & Blood Institute is to encourage the development of new genetic animal models of hypertension. To develop a model it is imperative that a breeder work with an investigator so that the finished product reflects the research need and is marketable.</p> <p>Deadline: March 1, 1985, July 1, 1985</p> |
| Cytomegalovirus Infection | 2-124 | <p>The Division of Blood Diseases and Resources, National Heart, Lung, and Blood Institute encourages grant applications to study the role of blood transfusion in the transmission of cytomegalovirus infection.</p> <p>Deadline: March 1, 1985, July 1, 1985</p> |
| Immature Myocardium | 2-125 | <p>The Cardiac Diseases Branch, Division of Heart & Vascular Diseases, National Heart, Lung & Blood Institute announces the availability of a request for applications on the protection of the immature myocardium. The purpose of this special grant program is to stimulate further fundamental research regarding the protection of the immature heart during periods of hypoxia, ischemia, and reperfusion.</p> <p>Deadline: March 15, 1985</p> |
| Cancer Control | 2-126 | <p>A Cancer Control Small Grants Research Award is designed to encourage scientists from a variety of academic disciplines to apply their skills to scientific investigations in the field of human cancer control intervention research.</p> <p>Deadline: February 12, 1985</p> |
| Physiology of Lactation and the Biology of Human Milk | 2-127 | <p>The Endocrinology, Growth & Nutrition Branch of the National Institute of Child Health & Human Development invites investigator-initiated research grant applications for studies on the physiology of lactation and the biology of human colostrum and milk.</p> <p>Deadline: Letter of Intent - January 15, 1985
Application - March 1, 1985</p> |
| Infertility and Fertility-Related Problems | 2-128 | <p>The Demographic and Behavioral Sciences Branch, Center for Population Research, National Institute of Child Health and Human Development invites scientists to study the psychosocial consequences of infertility and fertility-related problems and the subsequent impact of these consequences on fertility-related behavior.</p> <p>Deadline: March 15, 1985</p> |

III. FUNDING OPPORTUNITIES - SCIENCE AND HEALTH (CONTINUED)

B. NATIONAL SCIENCE FOUNDATION

- | | | |
|---|-------|--|
| Earth Sciences | 2-129 | <p>The Division of Earth Sciences will consider proposals for research oriented towards an improved understanding of the structure, composition and evolution of the earth and the processes governing the formation and behavior of earth materials. Support for projects in the Earth Sciences covers the full spectrum of topics in the subdisciplines of geology, geochemistry, geophysics, and paleobiology.</p> <p>Deadline: July 1, 1985</p> |
| Materials Development:
Science and Math | 2-130 | <p>The Materials Development for Precollege Science and Mathematics program addresses the need to develop teacher capabilities in the critical areas of mathematics and science and improve their instruction of students. Projects will be considered for teachers and instruction at all precollege levels, from kindergarten through the twelfth grade.</p> <p>Deadline: None</p> |
| International Programs | 2-131 | <p>National Science Foundation supports cooperative science agreements with many countries, with varying deadline dates. March and April deadlines are listed below. Other program information is available.</p> <p>Deadline: <u>March 1, 1985</u> U.S.-Austria; U.S.-Federal Republic of Germany; U.S.-Denmark, the Netherlands, and Norway; U.S.-Finland; U.S.-Sweden; U.S.-India; U.S.-Pakistan
 <u>March 31, 1985</u> U.S.-Spain
 <u>April 1, 1985</u> U.S.-United Kingdom; U.S.-Australia; U.S.-New Zealand</p> |
| Special Research Initiation
Awards | 2-132 | <p>The purpose of this program is to gain a scientific understanding of the economic aspects of the production, distribution, and use of information, and of the increasingly pervasive impacts of the diverse applications of advanced information technology.</p> <p>Deadline: February 6, 1985</p> |
| Research in Undergraduate
Institutions | 2-133 | <p>This program supports research in those academic settings where primary emphasis is on undergraduate education and research involvement is a means of preparing undergraduate students for graduate study and careers in science and engineering.</p> <p>Deadline: None</p> |
| Minority Research
Initiation | 2-134 | <p>The Minority Research Initiation program provides support for full-time minority faculty individuals who wish to establish quality research efforts.</p> <p>Deadline: None</p> |
| Science in Developing
Countries | 2-135 | <p>This program makes small grants that are intended both to advance the international exchange of scientific knowledge and to contribute to the scientific infrastructure of developing countries.</p> <p>Deadline: March 1, 1985</p> |
| Cooperative Research with
Eastern Europe | 2-136 | <p>National Science Foundation seeks to foster and support scientific and technological cooperation between the U. S. and Bulgaria, Hungary, and Romania. The program offers financial support for three types of activities: cooperative research projects, seminars and workshops, and scientific visits for planning purposes.</p> <p>Deadline: May 1, 1985</p> |

III. FUNDING OPPORTUNITIES - SCIENCE AND HEALTH (CONTINUED)

C. OTHER SCIENCE AND HEALTH

- | | | |
|---|-------|---|
| Postdoctoral Fellowship Program | 2-137 | <p>The Office of Naval Technology is sponsoring a program to increase the involvement of highly trained scientists and engineers in disciplines to meet the evolving needs of naval technology.</p> <p>Deadline: January 1, 1985</p> |
| Navy Summer Faculty Research Program | 2-138 | <p>The programs are designed to give college and university faculty members an experience that will benefit them both personally and professionally. Participants have an opportunity to establish continuing research relations with the R&D personnel of the host laboratories which often result in sponsorship of the participants' research at their home institutions.</p> <p>Deadline: February 1, 1985</p> |
| NASA Summer Faculty Fellowships | 2-139 | <p>Fellows will conduct projects of mutual interest to the fellow and NASA center. Each fellow will work with a center colleague and will be associated directly with the aeronautics and space program and the concomitant basic research problems. Special courses, seminars, workshops, lectures and the like are included in each cooperative program.</p> <p>Deadline: February 1, 1985</p> |
| Department of Energy Summer Faculty Program | 2-140 | <p>Science and engineering faculty members will be selected to conduct research at four research installations. Faculty participants will work with professional peers at the installations on research and development tasks of mutual interest. The research tasks for the summer will be defined in advance through correspondence and a pre-program visit to the site where the participant will spend the summer.</p> <p>Deadline: February 1, 1985</p> |
| NASA Graduate Student Researchers Program | 2-141 | <p>The NASA Graduate Student Researchers Program is designed to significantly increase the number of trained scientists and engineers in aeronautics, space science, space applications, and space technology. The program provides an opportunity for graduate students in aerospace science and technology to conduct their thesis research on a NASA-related program.</p> <p>Deadline: February 1, 1985</p> |
| Postdoctoral Fellowships for Minorities | 2-142 | <p>The program identifies individuals of high ability who are members of minority groups that have been traditionally under-represented among the nation's behavioral and social scientists, humanists, engineers, mathematicians, physical scientists, and life scientists and enables them to engage in postdoctoral research and scholarship in an environment free from the interference of their normal professional duties.</p> <p>Deadline: January 16, 1985</p> |
| Environmental Protection Agency Fellowships | 2-143 | <p>The fellowships are intended to enhance the capability of State or local agencies responsible for environmental pollution control or other agencies with similar pollution control responsibilities, and to bring new people into the environmental control field.</p> <p>Deadline: Not announced</p> |

III. FUNDING OPPORTUNITIES - SCIENCE AND HEALTH (CONTINUED)

C. OTHER SCIENCE AND HEALTH (continued)

- Fight for Sight 2-144 The program supports three programs in ophthalmic and vision research:
- Grants-in-aid for research projects, stressing pilot and feasibility projects.
- Postdoctoral Fellowships
- Student Fellowships (summer)
- Deadline: March 1, 1985 for all programs
- Solar Energy Research Institute 2-145 The Institute supports three programs for research participation:
- Postdoctoral Program for Ph.D.'s who have recently received their degree and want to continue their research.
- Deadline: January 15, 1985
- Sabbatical Program for experienced scientists and engineers in solar energy or related disciplines.
- Deadline: April 15, 1985
- Summer Hire Program in which students work with the broad problems associated with practical, widespread utilization of solar energy, including the technical, environmental, legal and social aspects.
- Deadline: February 15, 1985
- Technicon 2-146 The purpose of the grants is to identify and support significant academic research on novel concepts or technologies in biomedical and industrial instrumentation, which can establish the basis for the development of products with significant commercial value. Preference will be given to: innovative approaches; concepts with important advantages over existing methods; proposed products which have a breadth of application and market potential commensurate with the costs and risks of the research program.
- Deadline: None
- Cottrell Research Grants 2-147 Cottrell Research Grants are given to help academic scientists conduct basic research of originality and importance in the physical sciences. The emphasis of this program is support of fundamental investigations performed by faculty members early in their professional careers. Particularly speculative research of established investigators also is eligible for consideration.
- Deadline: None
- Jackson Laboratory 2-148 The Jackson Laboratory offers five training programs:
- Summer Student Program is a 9-week research participation program intended for undergraduate and graduate students in the biological sciences, and for medical, dental, and veterinary students.
- Deadline: March 26, 1985
- Academic-Year Student Program offers research participation appointments during the academic year for students at colleges whose curricula include opportunities for off-campus study. The Laboratory prefers that academic-year students be in residence for a semester.
- Deadline: At least two months in advance of proposed appointment.

III. FUNDING OPPORTUNITIES - SCIENCE AND HEALTH (CONTINUED)

C. OTHER SCIENCE AND HEALTH (continued)

- Jackson Laboratory (continued) 2-148 Cooperative Graduate Studies program offers predoctoral appointments for research training for master's and doctoral degree students who wish to conduct dissertation research on a biomedical problem at the Jackson Laboratory.
- Deadline: None announced
- Postdoctoral Program is for recent doctoral degree recipients who seek research experience beyond that obtained in graduate school or in recent postdoctoral training elsewhere.
- Deadline: None announced
- Genetics Program is an intensive 2-week summer course, presented at the Jackson Laboratory in cooperation with the Johns Hopkins University, emphasizes the relationship of heredity to disease in man and animals, comparative approaches to experimentation in medical genetics and understanding and preventing transmitted defects.
- Deadline: None announced
- Alzheimer's Disease 2-149 This grant program will award funds to help develop new research initiatives and establish the feasibility of new projects. The objective of the program is to bring new investigators into research on Alzheimer's Disease and help established investigators develop new approaches to our understanding of etiology, pathogenesis, treatment, management and prevention.
- Deadline: March 1, 1985
- Petroleum Research 2-150 Grants are available to assist with appropriate research in "undergraduate departments", which are defined as those without a doctoral program.
- Deadline: None
- Department of Energy-
Fossil Energy 2-151 The Fossil Energy Program invites faculty members, postgraduates, undergraduate, and graduate students in engineering and the physical and earth sciences to submit applications for collaborative participation in advanced research and development at DOE Energy Technology Centers.
- Deadlines: Faculty - January 21, 1985
Laboratory Graduate Participation
March 1, 1985, June 1, 1985
Graduate Student - January 21, 1985
- Department of Energy-
Energy Research 2-152 These programs provide opportunities for full-time faculty members and college students to participate collaboratively in established DOE research programs relating to energy production, utilization, conservation, and their societal implications.
- Deadlines: Faculty - January 21, 1985
Laboratory Graduate - March 1, 1985,
June 1, 1985
Student Research - January 21, 1985
- Department of Energy-
Fusion Fellowships 2-153 The Department of Energy offers competitive fellowships to highly capable students for a program of graduate study, practicum, and research to prepare for careers in magnetic fusion energy technology.
- Deadline: January 28, 1985

III. FUNDING OPPORTUNITIES - SCIENCE AND HEALTH (CONTINUED)

C. OTHER SCIENCE AND HEALTH (continued)

- | | | |
|--|-------|---|
| Ileitis and Colitis | 2-154 | <p>The National Foundation for Ileitis and Colitis supports basic and clinical research relevant to the cause, pathogenesis or treatment of inflammatory bowel diseases. The Foundation is especially interested in supporting research ideas that are not yet sufficiently mature to attract funding by the federal agencies and young investigators during the early phase of careers devoted to research relevant to inflammatory bowel disease.</p> <p>Deadline: February 1, 1985</p> |
| Soviet and East European Exchange Programs | 2-155 | <p>The National Academy of Sciences sponsors exchange programs with the Academies of Sciences of the USSR, Bulgaria, Czechoslovakia, the German Democratic Republic, Hungary, Poland, Romania, and the Council of Academies of Yugoslavia. The disciplines included in these programs are the natural, mathematical, non-patient-oriented medical, engineering, and precise social and behavioral sciences.</p> <p>Deadline: March 1, 1985</p> |
| Dissertation Research Fellowship Awards | 2-156 | <p>Schizophrenia Research Program of the Benevolent Foundation of the Scottish Rite supports a fellowship program to give support to a limited number of exceptionally promising students for a period during preparation of their doctoral dissertations in fields pertinent to the expansion of knowledge about schizophrenia.</p> <p>Deadline: February 1, 1985 - Sponsoring Letter
March 1, - Fellowship application</p> |

See Also 2-160, 2-165, 2-169, and 2-180

IV. FUNDING OPPORTUNITIES - SOCIAL SCIENCES

- | | | |
|---|-------|---|
| Short-term Travel | 2-157 | The German Marshall Fund makes awards for participation-through presentation of a paper or scheduled role as discussant-at conferences in Europe and North America.

Deadline: None |
| Mental Retardation | 2-158 | Behavioral and Social Science Research in Mental Retardation Grants are available to encourage the stimulation and expansion of research into social-environmental factors affecting behavior and development in the mentally retarded, the interactive effect of biologic and social forces on cognitive development and social competence and the effect of mental retardation on interpersonal relationships and attitudes.

Deadline: March 1, 1985, July 1, 1985 |
| National Institute of Justice | 2-159 | The National Institute of Justice announces a competitive research grant program with emphasis on innovative and policy relevant research. The potential impact on issues facing criminal justice in the U. S. today will count heavily in the selection process.

Deadline: June 1, 1985 |
| Faculty Appointment in Europe | 2-160 | Boston University offers you an opportunity to teach and live in Europe through a visiting faculty appointment to its Overseas Programs in Belgium, England, Germany, Italy, and the Netherlands. Teaching areas included are: International Relations, Education, Business Administration, Computer Information Systems, and Mechanical Engineering.

Deadline: None announced |
| Violent Criminal Behavior | 2-162 | The National Institute of Justice is seeking to focus the creativity of the research community on obtaining a more thorough understanding of the factors that contribute significantly to violent behavior in individuals coupled with more systematic information about what offenders take into consideration in deciding that a particular crime is something they can get away with.

Deadline: January 23, 1985, June 5, 1985 |
| Crime Control-Theory and Policy | 2-163 | The broad mandate of this program, sponsored by the National Institute of Justice, is to support an accumulation of sound research on the crime control effectiveness of sanctions that would serve as a scientific basis for the continued evolution of an informed criminal justice policy.

Deadline: January 9, 1985, May 15, 1985 |
| Classification, Prediction, Methodology Development | 2-164 | The National Institute of Justice supports systematic research on offender classification systems and the prediction of criminal behaviors.

Deadline: January 30, 1985, June 12, 1985 |
| Drugs, Alcohol, and Crime | 2-165 | The National Institute of Justice supports studies across the spectrum of relations of drugs and alcohol to crime. The scope of such studies may range from the development of relatively basic information on users and events through much more programmatically-focused studies of interventions designed to deal with drug-based problems affecting society and the criminal justice system.

Deadline: January 16, 1985, May 22, 1985 |

III. FUNDING OPPORTUNITIES - SOCIAL SCIENCES (CONTINUED)

- Predocctoral Merit Fellowships 2-166 The University of Southern California announces a program of Merit Fellowships for students aiming toward a Ph.D. at USC and planning a career in university teaching and research.
Deadline: February 1, 1985
- Grants-in-Aid Program 2-167 The Harry S. Truman Library Institute for National and International Affairs announces the availability of two awards for scholars investigating some aspect of the political, economic, and social development of the U. S., principally between April 12, 1945 and January 20, 1953, or the public career of Harry S. Truman.
Tom L. Evans Research Grant is awarded to a postdoctoral scholar.
Deadline: February 1, 1985
Institute Grants are for younger scholars rather than those who have established reputations in their fields of research and those who will be using the resources of the Truman Library.
Deadline: February 1, 1985, October 1, 1985
- Spencer Foundation 2-168 The Spencer Foundation is interested in research in the behavioral sciences aimed at the improvement of education.
Deadline: February 15, 1985, May 15, 1985, August 15, 1985, & November 15, 1985
- National Geographic Research Grants 2-169 The National Geographic Society funds grants-in-aid for basic research in the sciences pertinent to geography. These sciences include but are not limited to projects in geography, anthropology, archeology, astronomy, biology, botany, ecology, ethnology, geology, glaciology, mineralogy, oceanography, paleontology, zoology.
Deadline: None
- Fulbright 2-170 Grants are available for individual research in Spain during the academic year 1985-86 in the following fields: anthropology, archeology, arts, communications, economics, education, geography, history, law, linguistics, literature, logic, philosophy, political science, psychology, sociology.
Deadline: February 1, 1985
- German Civilization 2-171 The Fulbright Commission in Germany has announced senior Fulbright awards for a special six-week seminar to provide American college and university professors an opportunity for the study of German society. The seminar will be conducted entirely in German.
Deadline: February 1, 1985
- Summer Seminars in South America 2-172 The Fulbright Commissions in Argentina, Brazil, Colombia, Ecuador, Peru and Uruguay, and the USIA Post in Bolivia, are sponsoring two 45-day seminars on South America Today for U.S. professors of Latin American studies.
Deadline: February 1, 1985
- International Educational and Cultural Activities 2-173 The Office of Private Sector Programs is responsible for developing cooperative projects designed to increase mutual understanding between the people of the U. S. and other countries, and strengthen the ties which unite our societies.
Deadline: None

III. FUNDING OPPORTUNITIES - SOCIAL SCIENCES (CONTINUED)

- | | | |
|--|-------|---|
| Organization of American States | 2-174 | The objective of the Organization of American states Regular Training Program is to further the economic, social, technical, and cultural development of the American peoples. Priority will be given to the studies, research, and training necessary for the expansion of man's productivity.

Deadline: April 30, 1985 |
| Social and Developmental Psychology | 2-175 | The National Science Foundation supports laboratory and field research in all areas of human social behavior, including social perception, attitude formation and change, and social learning; and all areas of human social development in children and adults, including personality and emotional developmental processes.

Deadline: None |
| Linguistics | 2-176 | The National Science Foundation Linguistics Program includes research in syntactic, semantic, phonological, and phonetic properties of individual languages and of language in general.

Deadline: None |
| Memory and Cognitive Processes | 2-177 | The National Science Foundation supports the study of complex human cognitive behavior, including memory, attention, concept formation, decision making, reading, thinking and problem-solving, and the development of cognitive processes in infants and adults.

Deadline: None |
| New World Foundation | 2-178 | The Foundation is interested in innovative programs which seek to give each child the knowledge, skills, and taste for excellence that will help the child live a personally satisfying and socially useful life.

Deadline: None |
| National Council for Soviet and East European Research | 2-179 | The purpose of the Council is to develop and sustain a long-term program of fundamental research dealing with major policy issues and questions of Soviet and East European social, political, economic, and historical development.

Deadline: March 31, 1985 |
| Michigan Minority Merit Fellowships | 2-180 | The University of Michigan is pleased to announce multi-year fellowships for minority students of outstanding achievement and high promise who will begin graduate study toward a doctoral or master's degree in any field of study offered in the Horace H. Rackham Graduate School on the Ann Arbor campus.

Deadline: March 1, 1985 |

See Also: 2-142, 2-155, 2-184, 2-185, and 2-186

III. FUNDING OPPORTUNITIES - ARTS AND HUMANITIES

- | | | |
|---------------------------------------|-------|--|
| Ohio Arts Council | 2-181 | <p>The Ohio Arts Council supports Arts Programming, Arts Development and Individual Artists. The various programs have differing deadlines. Information about the programs and deadlines is available.</p> <p>Deadline: Varies with program</p> |
| MacDowell Colony | 2-182 | <p>The MacDowell Colony Residencies provide the opportunity for intensive work time in the areas of writing, music, composition, painting, sculpture, printmaking and film making.</p> <p>Deadline: April 15, 1985, July 15, 1985</p> |
| Ohio Humanities | 2-183 | <p>The primary goal of the Ohio Humanities Council is to foster public programs which either increase public appreciation of the humanities or which increase awareness of important contributions that the humanities can make toward understanding issues of public policy.</p> <p>Deadline: Spring Preliminary-March 29, 1985
Spring Final-May 3, 1985</p> |
| Houghton Mifflin Literary Fellowship | 2-184 | <p>The Fellowships are designed to reward American authors at the beginnings of their careers for works of outstanding literary merit in fiction and non-fiction.</p> <p>Deadline: None</p> |
| Summer Seminars-Directors | 2-185 | <p>Proposals to direct summer seminars for secondary school teachers are encouraged from those who are well qualified by virtue of their interest and ability in teaching and who are also active scholars in their fields.</p> <p>Deadline: April 1, 1985</p> |
| National Endowment for the Humanities | 2-186 | <p>Summer Seminars for College Teachers is intended for teachers at undergraduate colleges and universities to provide opportunities to work with distinguished scholars in the humanities at institutions with libraries suitable for advanced study.</p> <p>Deadline: March 1, 1985</p> <p><u>Fellowships for College Teachers</u> provide opportunities for college teachers to pursue full-time independent study and research that will enhance their capacities as teachers, scholars, or interpreters of the humanities to the public, and enable them to make contributions to knowledge and teaching in the humanities.</p> <p>Deadline: June 1, 1985</p> |

See Also: 2-174, and 2-180

PLEASE USE THIS FORM FOR REQUESTING INFORMATION ON THE EXTRA-MURAL FUNDING OPPORTUNITIES: REFER TO THE APPROPRIATE NUMBER FOR EACH LISTING.

RETURN TO: UNIVERSITY RESEARCH SERVICES, ROOM 222
ALLYN HALL WSU 45435

NAME _____

DEPARTMENT _____ PHONE _____

CAMPUS ADDRESS _____

PLEASE SEND INFORMATION ON THE FOLLOWING: _____

PLEASE FOLD HERE