

T C O M

research notes

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HIGH SCHOOL TEACHER RESEARCH FELLOW

The Texas College of Osteopathic Medicine invites qualified high school science teachers to apply to participate in the Minority High School Research Program co-sponsored with the National Institutes of Health. The high school science teacher will work with a TCOM faculty investigator who will design an appropriate summer research project to update the teacher's skills in modern research instrumentation and techniques and broaden their knowledge of scientific concepts. This research project should provide a research experience that can be adapted to teaching high school students and should help teachers bring the excitement of modern research to their own classrooms and laboratories. TCOM faculty interested in serving as a mentor should inform the Research Office in writing before April 15, 1991.

MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM

Students will work with faculty researchers who are involved in health-related research who are committed to developing in the students both an understanding of research and the methodology involved in doing research. Faculty interested in serving as a mentor for these students should inform the Research Office in writing before April 15, 1991.

BIOMEDICAL RESEARCH SUPPORT GRANTS

Research applications for this cycle of the NIH funds available from the BRSF will be due in the Research Office May 1, 1991. TCOM received less funds this year, therefore, your budgets should be thoroughly justified. Application forms can be obtained from the Research Office.

THE NOVICE GRANTSEEKER - THINGS TO CONSIDER

Expert grantseekers are not always successful and well-funded but even the declined proposal may prove to be a worthwhile investment. This view is held by many grantseekers who:

- o Develop and maintain contact with potential sponsors, using secondary information to provide leads and a plan of approach;
- o Have well-formulated search strategies and marketing and proposal plans;
- o Are heavily involved in information networking with other knowledgeable and experienced proposal builders and sponsors;
- o Understand sponsor needs and/or project concepts prior to the search for funds;
- o Target sponsors on the basis of specific criteria and by calculating the probability of an award under these specific circumstances;
- o Write highly focused, hand-tailored proposals for specific sponsors which match the stated need(s) of the sponsor;
- o Always verify sponsor information regardless of the source.

As grantmakers increasingly see themselves as institutional partners in the projects they fund, it has become commonplace for grantseekers to engage potential sponsors in the development of a proposal. Wise grantseekers, especially in academia, also know their limits and do not promise a potential sponsor more than they can deliver, even in a concept paper. After all, sponsors have their networks too.

RESEARCH RESOURCE MATERIALS

The following resource materials were recently received in the Research Office. If you are interested in perusing these materials please call Ext. 2561 or stop by the Research Office.

NIH Advisory Committees, Authority - Structure - Function - Members, U.S. Department of Health and Human Services, October 1990.

National Laboratories and Research Public Corporations in Japan, Research Development Corporation of Japan, 1990. The Research Development Corporation of Japan (JRDC) is now implementing international research exchange programs and fellowships to foreign researchers living in Japan. This booklet will be of great help and facilitate a better understanding of governmental and non-profit organizations for foreign researchers who may wish to do research in Japan.

Evaluation of the Advanced Research Program/Advanced Technology Program, A Report to the Texas Higher Education Coordinating Board, January, 1991.

BEN HARRIS SELECTED AS PROGRAM CHAIRMAN FOR THE 1991 AOA RESEARCH CONFERENCE

The 1991 American Osteopathic Association Research Conference will be held November 3 - 7, 1991 at New Orleans, Louisiana. Ben G. Harris, Ph.D., TCOM Department of Biochemistry and Molecular Biology, will serve as the Research Conference Program Chairman.

PROGRAM INCOME REPORT REQUIRED OF PHS INVESTIGATORS

The Public Health Service policies that guide grant-making by a number of constituent agencies including NIH, ADAMHA, CDC, FDA, and HRSA, now contain a requirement that PHS investigators include in their grant applications an estimate of the amount and source of program income expected to be generated as a result of the project for which support is being sought. Program income is defined as gross income earned by a grant recipient from activities part or all of which is borne as a direct cost by the grant. Research grant applications must address the subject as follows: for both competing applications (Form PHS 398) and noncompeting continuation applications (Form PHS 2590), the **OTHER SUPPORT PAGE** must indicate (yes or no) whether program income is anticipated during the period for which grant support is requested. If the answer is yes the amount and source of such income (by budget period) also must be indicated. This information is included in the PHS Form 398 application packet as a blue color-coded Important Notice.

RECENT RESEARCH AWARDS

FRED DOWNEY, Ph.D., (Department of Physiology), "Effects of Smokeless Tobacco on Blood Flow to Tissues of the Mouth", Smokeless Tobacco Research Council, 07/01/91 - 06/30/93, \$42,499.

JACK O. GRATCH, D. O., (Department of Medicine), "A Dose Response Study of Calan SR 120, 180, 240, 360, and 480 mg in the Treatment of Mild to Moderate Hypertension", GD Searle & Co., 03/01/91 - 08/31/91, \$14,070.

BEN G. HARRIS, Ph.D., (Department of Biochemistry and Molecular Biology), "Minority High School Research Apprentice Program", The Alcon Foundation, 06/01/91 - 08/31/91, \$2,000.

BEN G. HARRIS, Ph.D., (Department of Biochemistry and Molecular Biology), "Minority High School Research Apprentice Program", The Max and Victoria Dreyfus Foundation Inc., 06/01/91 - 08/31/91, \$4,000.

MYRON JACOBSON, Ph.D., (Department of Anatomy and Cell Biology), "Alteration of NAD Metabolism by Chemical Carcinogens", NIH - NCI, 03/01/91 - 02/29/92, \$185,276.

MICHAEL EMMETT-OGLESBY, Ph.D. (Department of Pharmacology), "Ondansetron and Cocaine", Glaxo Group Research Limited, 03/01/91 - 02/28/93, \$103,766.

TOTAL FUNDING AWARDED \$351,611

EXTERNAL GRANT PROPOSALS SUBMITTED

JACK O. GRATCH, D. O., (Department of Medicine), "A Dose Response Study of Calan SR 120, 180, 240, 360, and 480 mg in the Treatment of Mild to Moderate Hypertension", GD Searle & Co., 03/01/91 - 08/31/91, \$14,070.

BEN G. HARRIS, Ph.D., (Department of Biochemistry and Molecular Biology), "Minority High School Research Apprentice Program", The Alcon Foundation, 06/01/91 - 08/31/91, \$2,000.

BEN G. HARRIS, Ph.D., (Department of Biochemistry and Molecular Biology), "Minority High School Research Apprentice Program", The Max and Victoria Dreyfus Foundation Inc., 06/01/91 - 08/31/91, \$4,000.

ROBERT T. MALLET, Ph.D., (Department of Physiology), "Subcellular Mechanisms for Cardiac Preconditioning", Life and Health Insurance Medical Research Fund, 09/01/91 - 08/31/94, \$75,000.

THOMAS YORIO, Ph.D., (Department of Pharmacology), "Practical Applications of Life Sciences for Middle School Teachers", Eisenhower, Title II Program, Texas Higher Education Coordinating Board, 09/01/91 - 11/30/92, \$55,129.

TOTAL FUNDING REQUESTED \$150,199

AMERICAN HEART ASSOCIATION NATIONAL CENTER RESEARCH PROGRAMS

CLINICIAN SCIENTIST AWARD - A 5-year award for clinically trained DOs, MDs, or persons holding equivalent medical degrees. A \$40,000 stipend (plus fringe benefits) with \$1,000 incremental increases annually during the 5-year award. In 1990 44% of the applications were funded. **Application receipt deadline: June 1, 1991.**

ESTABLISHED INVESTIGATOR - A 5-year award to conduct independent research. A \$45,000 stipend plus fringe benefits annually. In 1990 36% of the applications were funded. **Application receipt deadline: June 1, 1991.**

MEDICAL STUDENT RESEARCH FELLOWSHIP - This is an institutional 3-year award for accredited medical schools. Only one application per medical school will be accepted with one to six fellowships. This award provides \$12,000 per fellow plus \$1,800 (for trainee-related expenses) annually. **Application receipt deadline: June 1, 1991.**

MINORITY SCIENTIST DEVELOPMENT AWARD - This 5-year award combines rigorous full-time training and independent research for promising scientists who are members of ethnic groups underrepresented in the field of cardiovascular research. Junior faculty and clinical faculty seeking basic research training are eligible. This award provides a \$40,000 stipend (plus fringe benefits) with \$1,000 incremental increases annually. **Application receipt deadline: June 1, 1991.**

GRANT-IN-AID - Project support awards are intended to provide all or a substantial proportion of the costs for the completion of a research project. Approved budgets typically include the cost of supplies, special equipment, limited travel, personnel (exclusive of the principal and collaborating investigator), and other allowable expenses. Proposals are accepted from junior independent investigators and established investigators pursuing new areas of research. Applications are

accepted from DOs, MDs, Ph.D.s, or equivalent qualifications with U.S. citizenship, or permanent resident, or foreign national holding an H1 or J1 visa. The award provides for a yearly maximum of \$40,000 plus 10% indirect costs. In 1990 20% of the grant applications were funded. **Application receipt deadline: July 1, 1991.**

FUNDS FOR INNOVATION IN EDUCATION

The U.S. Department of Education Fund for the Improvement and Reform of Schools and Teaching invites applications for new awards for Fiscal Year 1991. Priorities include effective teacher development and instructional approaches to improve teacher quality and learner outcomes with professional development and innovative strategies to recruit, train, and reward good teachers, using advanced information technologies and telecommunication. Application materials are available from the Research Office. **Application receipt deadline: June 3, 1991.**

NATIONAL HEADACHE FOUNDATION

This foundation is interested in research protocols that will be published in the medical literature and contribute to a better understanding and treatment of headache and pain. Application materials are available from the Research Office or you may telephone directly at 1-800-843-2256. **Application receipt deadline: October 1, 1991.**

NATO AND SCIENCE

NATO International Scientific Exchange Programs focus on individual scientists, promoting collaboration through the international mobility of scientists. Application materials are available for all of these programs in the Research Office.

COLLABORATIVE RESEARCH GRANTS - stimulate collaboration between laboratories in different countries and thus enhance the effectiveness of research. **Next application receipt deadline: August 15, 1991.**

ADVANCED STUDY INSTITUTES - disseminate advanced knowledge not yet in university curricula and foster international scientific contacts through high-level teaching courses. **Application receipt deadlines: April 15 and July 15, 1991.**

ADVANCED RESEARCH WORKSHOPS - assess the state-of-the-art in a given scientific area and to formulate recommendations for future research. **Application receipt deadline: July 15, 1991.**