



Dear Faculty:

We would like to send our congratulations to the team of Harold M. Hastings, Flavio H. Fenton, Sabrina G. Sobel, and Terry L. Brack, co-principal investigators on an equipment acquisition proposal to the National Science Foundation – a grant of more than a quarter million dollars for the acquisition of a Beowulf supercomputer for physical science research. We would also like to remind you that the deadline for proposals to the NSF's Major Research Instrumentation grant competition is held each January and, in most cases, Hofstra University is not required to cost-share in this competition. The time to start planning is now. If interested, we urge you to give us a call!

Thomas O. Murphy Ext. 3-6810  
Associate Provost for Research and Sponsored Programs

### American Chemical Society – Petroleum Research Fund

The Petroleum Research Fund was originally established as a Trust by seven major oil companies in 1944. The American Chemical Society, to whom the assets of the Fund were transferred in 2000, must use the income "for advanced scientific education and fundamental research in the 'petroleum field,' which may include any field of pure science which ...may afford a basis for subsequent research directly connected with the petroleum field."

- **ACS PRF Research Sabbatical Fund for Faculty from Predominantly Undergraduate Institutions**

**Application due date:** September 5, 2003

**URL:** <http://www.acs.org/portal/a/c/s/1/acdisplay.html?DOC=prf\index.html>

**New Program!**

The American Chemical Society Petroleum Research Fund (ACS-PRF) is accepting applications for a pilot program to provide support for research sabbaticals for faculty at US institutions of higher learning who are from departments that do not offer the doctoral degree. This is a matching grants program that can provide up to \$45,000 in faculty salary and qualified benefits, and up to \$5,000 in relocation and research expenses for a faculty member's sabbatical year. Proposed research should be Compatible with the ACS PRF mission, performed at an institution other than the applicant's home institution, and should be for a period of at least nine months, with twelve months preferred. Eligibility for the UFS program is the same as for ACS PRF Type B grants, described below. Please note that the PRF Advisory Board considers pre-tenure sabbaticals a low priority.

- **ACS PRF Type B Grants**

**Application due date:** September 19, 2003

**URL:** <http://www.acs.org/portal/a/c/s/1/acdisplay.html?DOC=prf\index.html>

Type B grants are restricted to departments which do not award the doctoral degree. The fundamental research proposed must include participation by undergraduate students. Graduate students and Postdoctoral Fellows may not be supported with Type B funds. Grants provide \$50,000 research support for three years. It is expected that all Type B grants will be awarded for three years unless a shorter period and proportionately smaller amount is requested. No competitive advantage is gained by applying for less than the maximum allowable amount or time period. Budget should include undergraduate student stipends, and may include summer salary for the principal investigator, supplies, equipment, travel costs, and a \$500 annual departmental allocation. In 2002, 113 applications resulted in 48 Type B grants with a total value of \$2,289,566.

For further information, visit the URL cited above or contact Tom Murphy at extension 3-6810. Information is also available by visiting [www.hofstra.edu/grants](http://www.hofstra.edu/grants) and clicking on Funding Sources > Non-Profit Associations > American Chemical Society.

### Research in Undergraduate Institutions (RUI), National Science Foundation

**Proposal due date:** Varies. September 30 for most programs.

**URL:** [http://www.nsf.gov/pubsys/ods/getpub.cfm?ods\\_key=nsf00144](http://www.nsf.gov/pubsys/ods/getpub.cfm?ods_key=nsf00144)

Predominantly undergraduate institutions play a critically important role in U.S. science and technology through their substantial contributions to research and education. NSF encourages research by faculty members of these institutions, both to ensure a broad national base for research and to help faculty members stay at the cutting edge of their disciplines. The Research

in Undergraduate Institutions (RUI) activity supports research by faculty members of predominantly undergraduate institutions through the funding of (1) individual and collaborative research projects, (2) the purchase of shared-use research instrumentation, and (3) Research Opportunity Awards for work with NSF-supported investigators at other institutions. The specific objectives of RUI are to (1) support high-quality research by faculty members of predominantly undergraduate institutions, (2) strengthen the research environment in academic departments that are oriented primarily toward undergraduate instruction, and (3) promote the integration of research and education. The involvement of undergraduate students is an important feature of RUI, providing them with research-rich learning environments. However, the overriding purpose of RUI is the support of faculty research, which maintains faculty members' intellectual vibrancy in the classroom and research community. Awards for faculty research projects will usually be for a period of 3 years. The generally accepted deadline for submission of RUI proposals to NSF is September 30, however, many NSF programs have deadlines or target dates to allow time for consideration by review panels that meet periodically. Therefore, potential applicants are urged to confirm a proposal due date by referring to the program's page on the NSF Web or by consulting with an appropriate NSF program officer.

Predominantly undergraduate institutions are defined in terms of the nature of the institution, not solely on the basis of highest degree offered; thus, Hofstra University is eligible for RUI competition. For further information, contact Tom Murphy in the Office for Research and Sponsored Programs at extension 3-6810 or visit the URL cited above.

## Academic Research Enhancement Awards, National Institutes of Health

**Application due dates:** September 25, 2003; January 25, 2004; and, May 25, 2004.

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-03-053.html>

The National Institutes of Health (NIH) is continuing to make a special effort to stimulate research in educational institutions that provide baccalaureate training for a significant number of the nation's future research scientists. The Academic Research Enhancements Awards program, or AREA grants program in short, are intended to create a research opportunity for scientists and institutions otherwise unlikely to participate extensively in NIH programs to support the nation's biomedical and behavioral research effort. It is anticipated that investigators supported under the AREA program will benefit from the opportunity to conduct independent research; that the grantee institution will benefit from a research environment strengthened through AREA grants and furthered by participation in the diverse extramural programs of the NIH; and that students will benefit from exposure to and participation in research and be encouraged to pursue graduate studies in the health sciences.

AREA grants provide an investigator with a full \$150,000 in direct costs in support for small research projects, which might include, feasibility studies, pilot studies, and other small-scale research programs. This amount can be used for periods of 1-3 years. For further information, visit the URL cited above or contact Tom Murphy at extension 3-6810.

### *A Practical Look at What an NIH "AREA" Grant Can Provide Researchers at Hofstra University*

Budget Line	Year 1	Year 2	Year 3
<b>SALARIES</b>			
Principal Investigator's Summer salary, 2 ½ months <i>(based on annual salary of \$64,000)</i>	\$17,778 <i>plus \$1,360 in FICA</i>	\$18,489 <i>plus \$1,414 in FICA</i>	\$19,413 <i>plus \$1,485 in FICA</i>
Student Assistant A <i>AY: \$10/hr, 16 hr/wk, 38 wks Su: \$10/hr, 28 hr/wk, 10 wks</i>	\$8,880	\$9,235	\$9,605
Student Assistant B <i>AY: \$10/hr, 16 hr/wk, 38 wks Su: \$10/hr, 28 hr/wk, 10 wks</i>	\$8,880	\$9,235	\$9,605
<b>CONSULTANT</b> <i>\$500/day plus \$100/day for travel.</i>	\$4,800 <i>Eight days.</i>	\$5,000 <i>Eight days.</i>	\$1,400 <i>Two days.</i>
<b>EQUIPMENT</b>	\$16,000	\$5,000	-0-
<b>TRAVEL</b>	\$1,500	\$3,000 <i>Includes student travel.</i>	\$3,100 <i>Includes student travel.</i>
<b>SUPPLIES/MISCELLANEOUS</b>	\$4,000	\$4,200	\$4,400
<b>TOTAL DIRECT COSTS</b>			<b>\$150,000</b>
<i>and, INSTITUTIONAL INDIRECT COSTS</i>			<i>\$72,689</i>
<b>TOTAL AWARD</b>			<b>\$222,689</b>

## **Enhancing the Mathematical Sciences Workforce in the 21st Century (EMSW21) Vertical Integration of Research and Education (VIGRE)**

### **Division of Mathematical Sciences, National Science Foundation**

**Application due date:** September 16, 2003

**URL:** <http://www.nsf.gov/pubs/2003/nsf03575/nsf03575.htm>

Traditionally, the Division of Mathematical Sciences (DMS) has supported students and junior researchers through such long-standing mechanisms as individual investigator awards, Research Experiences for Undergraduates (REU), and postdoctoral fellowships. More recently, the DMS Grants for Vertical Integration of Research and Education (VIGRE) activity supported students at different stages of their careers through grants that were largely departmentally based. In many cases, however, students at a variety of levels can be also trained through the leadership of a smaller, more focused group of researchers, based in a sub-area of the mathematical sciences or linked by a multidisciplinary theme. Mentoring of students and junior researchers through critical transition points in the career pathway can also support and increase the number of well-prepared scientists in NSF-supported disciplines. For these reasons the VIGRE program will be expanded to include three distinct opportunities: a modified VIGRE activity, an additional component for Research Training Groups (RTG) in the Mathematical Sciences and an additional component for Mentoring through Critical Transition Points (MCTP) in the Mathematical Sciences. In the NSF's VIGRE program solicitation, the term "substantial learning by discovery" includes all activities that introduce undergraduates to the thrill of discovery and generate within them excitement for the mathematical sciences. Examples of research experiences include: faculty directed projects, whether involving one or many undergraduates, either during part of the academic year or the summer; internships in industry, business, or government laboratories; and participation in interdisciplinary research teams. Such experiences are intended to involve students in the creative aspects of mathematics in a non-classroom setting. They are also expected to enhance the development of students' communication skills, with particular emphasis on the presentation of mathematical concepts in both written and oral contexts. In all cases, it is expected that these undergraduates receive mentoring to stimulate their further interest in the mathematical sciences. For further information, visit the URL cited above or contact Tom Murphy in the Office for Research Services at extension 3-6810.

## **The Impact of Media on Adolescents' Sexual Behavior National Institute on Child Health and Human Development National Institutes of Health**

**Application due dates:** October 1, 2003; February 1, 2004; and, June 1, 2004.

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-98-079.html>

The effects of media consumption on young people's attitudes and behavior regarding sex are of increasing interest to policy makers and program planners. A recent comprehensive review of the factors leading to early sexual activity and pregnancy concluded that surprisingly little empirical research had been conducted on the effects of growing up in an environment saturated by often problematic models of sexual behavior (Moore et al. 1996). One concern is the extent to which frequent consumption of media with high levels of sexual content and low levels of portrayal of responsible sexual conduct is a causal influence on young people's subsequent sexual behavior, including the responsible use of protection from pregnancy and disease. Basic research is called for to address the hypothesis that the content of various forms of media affects young people's attitudes and behavior with regard to sexual intercourse. This program announcement calls for research in three basic areas: (1) What sexual content do youth pay attention to, and how do they interpret what they see and hear?; (2) Does that media content affect their sexual beliefs and behavior?; and (3) How could the mass media be used to promote responsible sexual behavior among youth? For further information, visit the URL cited above or contact Tom Murphy in the Office for Research Services at extension 3-6810.

## **Science Education Drug Abuse Partnership Awards (SEDAPA) National Institute on Drug Abuse, National Institutes of Health**

**Application due dates:** October 1, 2003 and February 1, 2004.

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-99-076.html>

The purpose of the SEDAPA Program is to fund the development and evaluation of innovative model programs and materials for enhancing knowledge and understanding of neuroscience and the biology of drug abuse and addiction among K-12 students, the general public, health care practitioners, and other groups. The award provides support for the formation of partnerships between scientists and educators, media experts, community leaders, and other interested organizations for the development and evaluation of programs and materials that will enhance knowledge and understanding of science related to drug abuse. The intended focus is on topics not well addressed in existing efforts by educational, community, or media activities. Awards under this PA will use the education projects (R25) grant mechanism. Because of the wide range of programs that may be proposed, it is anticipated that the duration and size of awards may vary. However, annual direct costs may not exceed \$250,000. For further information, visit the URL cited above or contact Tom Murphy in the Office for Research Services at extension 3-6810.

## Translational Research Grants in Behavioral Science

### National Institute of Mental Health and the National Institute on Drug Abuse

**Application due dates:** October 1, 2003 and February 1, 2004.

**URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-02-061.html>

The National Institute of Mental Health (NIMH) and the National Institute on Drug Abuse (NIDA) seek to encourage the development of collaborative partnerships between scientists who study basic behavioral processes and those who study the etiology, diagnosis, treatment, and prevention of mental and behavioral disorders (including drug abuse and addiction) and the delivery of services to those suffering from those disorders. NIMH and NIDA are issuing this Program Announcement (PA) as part of a major, long-term commitment to (a) encourage the systematic translation of basic behavioral theory, methods, and findings into research designed to reduce the burden of mental illness and behavioral disorders and (b) encourage basic behavioral scientists to seek a further understanding of behavioral processes through an exploration of how those processes are altered by mental and behavioral disorders. This PA was developed in response to a report written by the National Advisory Mental Health Council's Behavioral Science Workgroup, entitled "Translating Behavioral Science into Action," <http://www.nimh.nih.gov/tbsia/tbsiatoc.cfm>. For further information, visit the URL cited above or contact Tom Murphy in the Office for Research Services at extension 3-6810.

## Summer Stipend Program

**Self-nominations:** Accepted between September 1-12, 2003.

### National Endowment for the Humanities

**Proposal due date:** October 1, 2003.

**URL:** <http://www.neh.gov/grants/guidelines/stipends.html>

The Summer Stipends Program of the National Endowment for the Humanities provides opportunities for individuals to pursue advanced work in the humanities during two consecutive summer months. Summer Stipend scholars receive a stipend of \$5,000. Projects may contribute to scholarly knowledge or to the general public's understanding of the humanities. Recipients might eventually produce scholarly articles, a monograph on a specialized subject, a book on a broad topic, an archaeological site report, a translation, an edition, or other scholarly tools. The NEH Summer Stipend Program will support projects that can be completed during the tenure of an award or those that are part of a long-term endeavor. Each college and university in the United States and its jurisdictions may nominate two members of its faculty for the Summer Stipends competition. Of the two, at least one should be a junior nominee (i.e., one who holds the rank of instructor or assistant professor). Criteria to be used in evaluating applications for Summer Stipends: (1) the significance of the contribution that the project will make to knowledge in the specific field and to the humanities generally; (2) the quality or the promise of quality of the applicant's work as an interpreter of the humanities; (3) the quality of the conception, definition, organization, and description of the project; and, (4) the likelihood that the applicant will complete the project. Self-nominations should be submitted between September 1-9. Self nominations should be forwarded to Thomas O. Murphy, Room 218, West Library Wing, or as an e-mail attachment to [thomas.o.murphy@hofstra.edu](mailto:thomas.o.murphy@hofstra.edu). Nominees will be expected to submit their proposal to the University's review committee following the same basic instructions offered by NEH for submission of a final proposal. Final applications will be submitted to the NEH electronically this year, as per NEH instructions at the URL cited above.

### Other Upcoming NEH Grant Program Deadlines

September 16, 2003

#### Planning Grants for Museums, Libraries and Special Projects

**Program URL:** <http://www.neh.gov/grants/guidelines/public-planning.html>

October 15, 2003

#### Exemplary Education Projects

**Program URL:** <http://www.neh.gov/grants/guidelines/eep-hfg.html>

Note: New guidelines for the next round of competition will be published this summer.

Information appearing at the referenced URL should be used for preliminary planning only.

## Fulbright Scholars Program 2004-2005

Application materials are available online at

[http://www.cies.org/us\\_scholars/](http://www.cies.org/us_scholars/)

**Application due date: August 1, 2003**

The traditional Fulbright Scholar Program sends more than 800 U.S. faculty and professionals abroad each year. Grantees lecture and conduct research in a wide variety of academic and professional fields. Investigate the full variety of Fulbright Award Programs available by exploring the 2004-2005 Catalog, available online through the URL cited above.