

Produced by the Office of Foundation, Corporate and Government Relations, *Faculty Grants Quarterly* is an internal newsletter created for Hamilton faculty members to report on funding and research trends of public and private funding sources and the grant and scholarly activities of their colleagues.

Please refer to our Web site, accessible from the academics section of Hamilton's homepage, for additional information and resources.

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Hamilton students studying abroad in Asia.

Expanding depth and breadth of Asian studies at Hamilton

Thanks to the international reputations of Hamilton's teaching-scholars, the Asian Studies Program and the Department of East Asian Languages and Literature won two significant grant awards that will expand the College's course offerings and increase support for faculty-student research collaborations.

Under the leadership of Thomas Wilson, the Asian Studies Program received a \$1,171,500 four-year grant from the Freeman Foundation, which will provide funding for two new tenure-track faculty positions — one in Japanese languages and literature and another in Japanese social science. The Freeman grant will also enable the College to establish a new post-doctoral teaching fellows program to augment the breadth of its course offerings on Asia, and will provide funding for intensive short- and long-term student-faculty research collaborations both abroad and on campus.

Until recently, Hamilton's Asian Studies Program has been known for its almost singular expertise on China.

Yet, to truly encompass the spirit of multidisciplinary study, the program has shifted from conventional area studies organized along national boundaries to a *thematically*-based program of study. As a first step, the Asian faculty designated the development of a formal Japanese language and literature program and the addition of faculty expertise in Japanese society as its highest priority.

The Asian Studies Program also determined that a postdoctoral fellows program would both enhance its new thematic approach and provide an ideal venue for the development of teaching-scholars. By recruiting young scholars who can offer expertise on geographic and topical areas not otherwise covered in the College's curriculum, the program will enhance its new thematic structure, while bringing fresh perspectives and thinking into the classrooms.

The Freeman grant will also provide new funding for the intensive student-faculty research collaborations that have come to characterize a

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Selected Awards

The Office of Foundation, Corporate and Government Relations extends congratulations to the following faculty members who have recently been awarded grants.



Kimberly Bradley, assistant professor of chemistry, received a 2001 Camille and Henry Dreyfus Faculty Start-Up Grant for Undergraduate Institutions from the Camille and Henry Dreyfus Foundation for \$20,000.



Eugene W. Domack, professor of geology, earned a \$25,000 grant from the National Science Foundation supporting an international conference examining global warming and geologic changes in the Antarctic Peninsula. This grant will be matched 1:1 by Hamilton's Environmental Studies Program. He also has submitted a R&E Supplement proposal to the NSF requesting continued support for his collaborative research project, "Development of a luminescence dating capability for Antarctic glaciomarine sediments: tests of signal zeroing at the Antarctic Peninsula," for \$29,638. This is a supplement to his \$12,600 grant awarded last July from NSF.



Timothy E. Elgren, associate professor of chemistry and associate dean of faculty, and **Robin Kinnel**, Silas D. Childs Professor of

Chemistry, have been awarded a \$25,000 grant from the Dreyfus Scholar/Fellowship Program for their project, "An Integrative, Investigative and Advanced Chemistry Laboratory."



Paul Hagstrom, associate professor of economics and director of the Levitt Center, received a grant from the Institute for Research on Poverty for \$12,130 for his research project titled "Food Stamp and Program Participation of Refugees and Immigrants: Measurement Error Correction for Immigrant Status."



Barbara Tewksbury, Stephen Harper Kirner Professor and chair of geology, **Eugene Domack**, professor of geology, and **David Bailey**, associate

professor of geology, earned \$75,399 from the National Science Foundation's CCLI program to support a networked microscopy classroom in the Geology Department.



George Shields, professor and chair of chemistry, received a \$782,220 grant from the National Science Foundation's Major Research Instrumentation grant program.

The grant allows a consortium of six northeastern liberal arts institutions to acquire a supercomputer for various computational chemistry research projects.



Jonathan Vaughan, professor and chair of psychology, has earned a grant from the National Institutes of Health for \$138,125 to support his research on a three-dimensional model of movement planning.

The Fred L. Emerson Foundation has awarded Hamilton a \$500,000 challenge grant to permanently endow the Emerson Scholars Program. The program, created four years ago by a previous grant from the Emerson Foundation, provides students with opportunities to work collaboratively with faculty mentors to research an area of mutual interest. The endowed fund, which will be matched with \$1.5 million that will be raised by the College, will provide funding for approximately 20 Emerson Scholars each summer.

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Hamilton education. Modeled after the Emerson Scholars Program, the Freeman research collaborations will support two short-term (from one week to 10 days) collaborations and two long-term (10 weeks each summer) collaborations annually.

By increasing the availability of student-faculty research funding, the Asian Studies Program hopes to:

- 1) raise the visibility of Asian Studies on campus by working in conjunction with the general College-wide student-faculty research program and the

presentations it engenders; and

- 2) enhance the quality of student scholarship in Asian Studies by linking student-faculty collaboration with opportunities for fruitful field experiences in Asia.

While the Department of East Asian Languages and Literature has long been renowned for its distinctively strong Chinese language program, its Japanese language program has, despite the commitment of one very capable instructor and a teaching fellow, experienced problems with inconsistent staffing and did not have

a tenure-track faculty position to direct its development. With increased student interest in Asia as a whole, the pressure was mounting to further develop a comprehensive Japanese language program that parallels our Chinese language program.

The Department of East Asian Languages and Literature, therefore, sought and won a two-year \$80,558 commitment from the Japan Foundation to support a new tenure-track assistant professor. The foundation was established in 1972 as a special legal entity under the auspices of

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Grant news

The **Office of Research Integrity** (ORI) has suspended plans to implement its proposed **Responsible Conduct in Research** (RCR) policy after the House Committee on Energy and Commerce ruled that the policy was created without following "the various statutes designed to ensure sound regulatory decision-making." Universities and colleges, many of whom voiced concern that the scope of the proposed policy was too far-reaching and expensive to implement, were frantically searching for professional development venues that would instruct all those involved with federally funded research on the RCR guidelines. ORI notes that such a policy will, at some point, be introduced and has since introduced a number of on-line tutorials. For more information, visit <http://www.ori.hhs.gov>.

President George W. Bush has tapped Indiana University art historian Bruce Cole to head the **National Endowment for the Humanities** for a four-year term. Bush first appointed Cole, a professor of fine arts and comparative literature, was first appointed to the endowment's national council in 1992. At that time, Lynne Cheney, wife of Vice President Dick Cheney, was chairwoman of the NEH. Cole served on the council until 1999.

About a third of competitive funding proposals to the **National Science Foundation** succeeded last year, reflecting traditional success rates of the agency. Veteran and male investigators continued to garner most of the grants and, in response, NSF

is making a renewed effort to reach out to new investigators, women and minority applicants. For additional details on NSF's efforts, visit <http://www.nsf.gov/cgi-bin/getpub?nsb0136>.

While most agencies enjoyed regular increases to their discretionary spending budgets over the past eight years, the Bush Administration seeks to "trim that fat" from many agencies' budgets. The exception, however, is the **National Institutes of Health**, which will enjoy a \$2.8 billion increase over FY 2001. While a majority of the money is earmarked for research grants, the agency is on track to double itself in size. The **National Science Foundation**, on the other hand, is poised to receive a 1% increase over FY 2001, with nearly all funding increases to be directed toward a new Math and Science Partnership Initiative. Both the **National Endowment for the Arts** and the **National Endowment for the Humanities** will remain at FY 2001 funding levels.

Submissions

Please join the Office of Foundation, Corporate and Government Relations as we extend our congratulations and best wishes to the following faculty members who have recently submitted proposals.

Vivyan Adair, assistant professor of women's studies and co-director of the ACCESS Project, has submitted a proposal to the Public Welfare Foundation for \$20,000 to support the development of an on-line resource center for the ACCESS Center.

Kim Bradley, assistant professor of chemistry, has submitted a proposal titled "FTIR-Based Measurement of Trace Gas Exchange in Terrestrial Ecosystems" for \$84,400 to the Research Corporation's Cottrell College Science Award program.

Robin Kinnel, Silas D. Childs Professor of Chemistry, has submitted a proposal to the National Science Foundation's CCLI program for \$144,235. Kinnel, the principal investigator and project director, along with **Kim Bradley**, **Karen Brewer** and **Ian Rosenstein**, have requested funding for the project, "A Comprehensive Expansion of NMR Techniques and Concepts in the Chemistry Curriculum."

George C. Shields, professor and chair of chemistry, has submitted four proposals: 1) a proposal to the National Institute of Health's AREA program for his research project, "Investigation of the Mechanism of Action of the Eneidyne Anticancer Antibiotics" for \$158,950; 2) a proposal to the American Chemical Society/Petroleum Research Fund for \$30,000 for his project titled "Accurate Calculations of pKa Values;" 3) a proposal to the Department of Defense's IDEA program for \$425,152 for his project "The design of molecules that prevent the growth of human breast cancer, based on a cyclized peptide 0 to the New York State Department of Health's EMPIRE program for a proposal titled "The design of molecules that inhibit human breast cancer" for \$100,000.

Ram Subramaniam, visiting assistant professor of chemistry, has submitted a proposal to the Juvenile Diabetes Research Foundation International for \$44,374 for a project titled "To isolate a novel antioxidant peptide from serum albumin to be used to target complications of diabetes."

Barbara J. Tewksbury, Stephen Harper Kirner Professor and chair of geology, in collaboration with colleagues at William & Mary College, has submitted a proposal to the National Science Foundation's CCLI program to support the creation of professional development workshops for the National Association of Geological Teachers for \$378,771.

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Japan's Ministry of Foreign Affairs to promote mutual understanding and friendship, and to offer a competitive grants program to partially support new faculty positions in the teaching of Japanese language at U.S. institutions of higher learning.

This new faculty candidate will be appointed in the spring and begin teaching in the fall of 2002. The appointee will be charged with developing three new language

courses, based upon evaluation of departmental needs.

The addition to the department will significantly impact the program by: 1) enabling four years of Japanese Language courses instead of three; 2) developing upper-level cultural courses on Japan; 3) bringing expertise in Japanese language teaching pedagogy to compliment the already strong pedagogical approach of the Chinese Language courses; and 4) enabling the College to attract more concentrators in Asian Studies and

East Asian Languages and Literature.

Both the Freeman Foundation and the Japan Foundation grants come on the heels of a detailed self-examination and subsequent strategic plan developed last fall by the Asian Studies faculty.