

# RESEARCH TRACKS

A Publication of the Office of the Vice Provost for Research

February 2004

VOLUME I ISSUE 5

## Colloquium Series

**March 26, 2004**

**Debra Haarsma and  
Loren Haarsma**

Professors of Physics and  
Astronomy

[Calvin College](#)

Grand Rapids, MI

Mars McLean 202

3:00 – 4:00 pm

**April 16, 2004**

**Harlo Shapley Visiting  
Lecturship Program**

**Chris Impey**

Professor of Astronomy

[University of Arizona](#)

Tucson, Arizona

Sponsored by

American Astronomical  
Society

Time and Place TBA

**April 23, 2004**

**Ian Hutchison**

Professor of Nuclear

Engineering; Dept Head

[MIT](#)

Cambridge, MA

Mars McLean 202

3:00 – 4:00 pm

**April 29, 2004**

**Read Montague**

Professor of Neuroscience

[Baylor College of](#)

[Medicine](#)

Houston, TX

HCB 305

3:30 – 5:00 pm

**April 30, 2004**

**Bradley Stone**

Chair of Chemistry Dept;

Co-Director, NASA-

University Faculty

Fellowship

[San Jose State](#)

[University](#)

San Jose, CA

Mars McLean 202

2:00 – 3:00 pm

## National Endowment for the Humanities Fellowships Available

The National Endowment for the Humanities (NEH) fellowships are available to support individuals pursuing advanced research in the humanities that contribute to scholarly knowledge or to the general public's understanding of the humanities. Applicants may be faculty or staff members of Baylor University. Individuals currently enrolled in a degree-granting program are ineligible to apply. Fellowships provide support for projects that can be completed during the tenure of the award, as well as for work that is part of a long-term endeavor. Recipients usually produce scholarly articles, monographs on specialized subjects, books on broad topics, archaeological site reports, translations, editions or other scholarly tools.

[Additional information and applications](#) are available online. The submission deadline is May 1, 2004. For more information, consult the [NEH website](#), contact NEH fellowships by phone at 202-606-8200, email at [fellowship@neh.gov](mailto:fellowship@neh.gov), or contact the [Office of the Vice Provost for Research](#).

For other grant opportunities through the NEH, please view the [NEH Grant Programs and Deadlines](#) online, or search for these and other grant and fellowship opportunities using the [Community of Science Funding Database](#).

## 2004 Professional Development Seminar: Financial Matters for Grants and Contracts

On March 5, 2004, the Office of Sponsored Programs will host a seminar on funding and financial matters concerning grants and contracts in Pat Neff 300 from 9:00 am-12:00 pm. The first session (Part A), *Funding Sources, Proposal Preparation, and Proposal Routing*, will cover locating funding sources, the preparation of a grant proposal and the routing of a proposal through the University prior to submission to a funding agency. There will be time for individual help and questions. This course is designed for department chairs, Deans, principal investigators, and administrative staff that deal with these issues.

The second half of the seminar (Part B), *The "How-To's" of Grant/Contract Administration*, will cover the general requirements of grants and contracts. Some of the topics will include how to hire someone, processing travel reimbursement forms, budget issues, consulting agreement, RIP funds, property acquired with grant funds, and procurement issues. This course is designed for administrative staff responsible for grants, principal investigators, and other staff associated with grant activities.

For additional information, please contact the Office of Sponsored Programs at x8614. For registration information, please contact the Office of Professional & Organizational and Development at x2699.

## COS Tip of the Month:

### Browse by Sponsor

Take advantage of the easy-to-use "Search or Browse Sponsors" option in the [COS Funding Opportunities Sponsors](#) interface to find funding opportunities from a particular sponsor. You may search for a sponsor by name or by a word that appears in the sponsor's name. For example, you may search for all sponsors with the word "Literature" or "Environmental" in their names.

The [COS Funding Opportunities Search](#) interface also allows the user to search by sponsor's name while permitting additional search queries to be entered, thus narrowing the numbers of results returned to the user.

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### Contact Us

For comments or a suggestions on future articles, please contact the Office of the Vice Provost for Research at [research@baylor.edu](mailto:research@baylor.edu).

For questions about the website, please contact Jeff Lemaster at [Jeff\\_Lemaster@baylor.edu](mailto:Jeff_Lemaster@baylor.edu)

## NSF Fiscal 2005 Budget Priority Areas

Five focused priority areas are slated to receive more than \$537 million in 2005. As summarized below, support for Nanoscale Science and Engineering will increase by 20 percent, while support for Biocomplexity in the Environment, Mathematical Sciences, and Human and Social Dynamics will continue at 2004 levels. The new budget requests \$20 million to start NSF's Workforce for the 21st Century priority area, focusing on U.S. citizens and broadening participation. Visit the [NSF online](#) for additional information regarding the [NSF's 2005 budget request](#), [funding opportunities](#), and the [NSF's guide to programs](#).

For the upcoming fiscal year, NSF will give priority to the following areas:

- [Biocomplexity in the Environment](#) (almost \$100 million allotted). This priority research area seeks a more complete understanding of the dynamic interactions of living things and physical processes in the environment. Many of these interdisciplinary studies integrate human and social factors.
- [Human and Social Dynamics](#) (\$23.25 million). HSD research will develop and apply multidisciplinary approaches to answer questions about how people and institutions respond to, and are influenced by, new knowledge and technologies.
- [Mathematical Sciences](#) (\$89.11 million). The fundamental mathematical sciences embracing mathematics and statistics are essential for research progress across disciplines and for training a mathematically literate workforce for the future.
- [Nanoscale Science and Engineering](#) (\$305 million). As the lead agency in the government's National Nanotechnology Initiative, NSF has been a pioneer in fostering the development of nanoscale science, engineering and technology. In fiscal year 2005, research will focus on developing and strengthening critical fields including nanobiotechnology, manufacturing, instrumentation and catalysis at the nanoscale.
- [Workforce for the 21<sup>st</sup> Century](#) (\$20 million). This priority area aims to strengthen the nation's capacity to produce world-class scientists and engineers and a general workforce with the science, engineering, mathematics and technology skills to thrive in the 21st Century workplace.

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