
Mathematics Opportunities

NSF Program in Mathematical, Social, and Behavioral Sciences

The National Science Foundation's (NSF) Directorate for Social, Behavioral, and Economic Sciences (SBE) and the Division of Mathematical Sciences (DMS) invite submission of research proposals for projects that advance the mathematical and statistical foundations of research in the social, behavioral, or economic sciences. Proposals for workshops or symposia that foster the interaction of social, behavioral, and economic scientists with mathematicians and statisticians also are welcome.

It is estimated that nine to fifteen awards will be made, ranging in duration from one to four years and carrying award amounts of \$150,000 to \$650,000. The deadline date for full proposals is **April 5, 2005**. For more information, see <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05542>.

—*From an NSF announcement*

Maria Mitchell Women in Science Award

The Maria Mitchell Association offers an annual award to recognize an individual, program, or organization that encourages the advancement of girls and women in studies and careers in science and technology. Maria Mitchell (1818–1889) was the first woman astronomer and first woman astronomy professor in the United States.

The award may be given in the natural and physical sciences, mathematics, engineering, computer science, or technology. The winner will be chosen by a national jury of distinguished educators and scientists and will receive a cash award of \$5,000. Funding for the award has been provided by an anonymous donor. Guidelines and nomination forms are available from the website <http://209.68.19.123/museums/wmnInsc.php>, or contact the Maria Mitchell Women in Science Award Committee at the Maria Mitchell Association, 4 Vestal Street, Nantucket, MA 02554; telephone 508-228-9198. Deadline for nominations is **April 15, 2005**.

—*From a Maria Mitchell Association announcement*

AP Calculus Readers Sought

The Educational Testing Service and the College Board invite interested college faculty to apply to be Readers for the Advanced Placement Calculus Exam. The AP Calculus exams (AB and BC) were taken by approximately 225,000 high school students last year. For the last few years the six free-response problems on the exam have been graded during seven days in June by more than 650 high school and college mathematics teachers at Colorado State University in Ft. Collins, Colorado. This is an excellent opportunity for teachers, especially those just starting their professional careers, to enhance their knowledge of the AP Calculus Program and of teaching and to meet with other faculty from around the country. To learn more about this opportunity or to apply for a position as a reader, see the website <http://apcentral.collegeboard.com> and click on the link to "Faculty Involvement" under the dropdown menu for "Colleges & Universities", or send email to apreader@ets.org. Questions about the reading may be sent to Caren Diefenderfer, Chief Reader for the AP Calculus Program, at cdiefenderfer@hollins.edu.

—*Caren L. Diefenderfer, Hollins University*

AMS Congressional Fellowship

The AMS, in conjunction with the American Association for the Advancement of Science (AAAS), will sponsor a Congressional Fellow from September 2005 through August 2006. The Fellow will spend the year working on the staff of a member of Congress or a congressional committee, as a special legislative assistant in legislative and policy areas requiring scientific and technical input. Deadline for applications is **March 31, 2005**. For further information, consult the webpage <http://www.ams.org/government/congressfellowann.html> or contact the AMS Washington office, email: amsdc@ams.org; telephone 202-588-1100.

—*Allyn Jackson*