

IEEE WIE NOVEMBER 1998 NEWSLETTER

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1998 MARIA MITCHELL WOMEN IN SCIENCE AWARD PRESENTATION

The Maria Mitchell Women in Science Award honors an individual or organization that encourages girls and women to pursue studies and careers in science and technology.

The 1998 recipient is the Women in Engineering Program at Purdue University.

The presentation of the second annual award was Saturday, October 3, 1998 at the Great Hall of the Nantucket Athenaeum.

Keynote speaker was Dava Sobel, author of best seller: Longitude: The True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time. The book was also featured on the PBS series Nova on October 6, 1998.

The award this year was presented for the first time as a juried award. The jurors were: Patricia Mooney, Watson Research Center, IBM; Sue Rosser at the University of Florida; and Gerhard Sonnert, Project Access at Harvard University.

Maria Mitchell (1818-1889) was the first professional woman astronomer in the US and the first woman professor of astronomy (Vassar College). In 1847 she discovered a comet that made her internationally famous. 150 years ago, she became the first woman admitted to the American Academy of Arts & Sciences.

The William R. Kenan, Jr. Fund for Engineering funds this award, Technology and Science.

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“WOMEN IN SCIENCE - THE GLASS CEILING THEN AND NOW”
A PROGRAM PRESENTED BY WISE (WOMEN IN SCIENCE AND ENGINEERING)

Guest Speaker: Margaret Burbidge
Date: November 13, 1998
Time: 6 to 9 PM (Presentation and dinner)
Where:
R.A. Center
2451 Riverside Dr. (at Bronson & Riverside))

Ottawa, Ontario, Canada
613-733-5100

(Fee: \$20 for members/\$15 for student members/\$25 for non-members
(For tickets please contact any of the executive members)

Margaret Burbidge is one of today's best-known women astronomers. She received her Ph.D. at the University of London Observatory in 1943 and has since made fundamental contributions to the field of astronomy. In 1972, she became the first woman named to the prestigious position of Director of the Royal Greenwich Observatory in Herstmonceux, England. She also played a major role in the development of one of the first instruments for the Hubble Space Telescope and was a leader of the Faint Object Spectrograph (FOS) project, from 1979 to 1998. She is the recipient of numerous awards for her scientific accomplishments amongst which she was elected as member of the National Academy of Science in 1972; she was the first woman to receive the Catherine Wolfe Bruce Medal from the Astronomical Society of the Pacific in 1982; and she received the National Medal of Science in 1984. Margaret Burbidge is presently Professor Emeritus at the University of California in San Diego.

Abstract: "My account of early days in astronomy is often greeted with disbelief - were women really forbidden to use telescopes at major universities? I will give an account of the situation in the 1950's and strategies for battling with what was more like a barred gate (the gate to the mountaintops) than a ceiling."

Both men and women are welcome at this event.

If you have questions about WISE, the above event, or if you are interested in helping to advertise these events, please contact:

Paula Terpstra
WISE Outreach Coordinator
Phone: (613) 763-5377
Fax: (613) 763-8091
E-mail: terpstra@nortel.ca
<http://www.carleton.ca/wise/first.htm>

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FEDIX OPPORTUNITY FLYER INFORMATION –
GRANT-RELATED SEMINARS

Get ready for funding in the new fiscal year. There are six weeks left to register for our Los Angeles Grant-Related Seminars (just two weeks for the early bird special) which will be held December 2-4--and some of them are already approaching capacity.

In particular, if you are interested in the "Identifying and Applying for Federal, Foundation and Corporate Grants" (12/3), the "Proposal Writing" (12/4), or the "Proposal Writing for Faculty and Researchers" (12/4), we suggest you send in your Registration forms as soon as possible.

In addition to Los Angeles, the seminars will also be held in:

New York, NY -- October 28-30
Atlanta, GA -- November 11-13

This year's seminar topics to be presented in Los Angeles include:

- (1) Identifying and Applying for Federal, Foundation and Corporate Grants -- December 3
- (2) Proposal Writing -- December 4
- (3) Proposal Writing for Faculty and Researchers -- December 4
- (4) Federal Grant and Contract Administration -- December 3
- (5) ERA Toolkit: PDF, EDI, WWW and Internet Security -- December 2
- (6) Patenting, Licensing and Technology Transfer for Inventors and Administrators -- December 2

There is also a new seminar in our series that may be of interest, but it will be presented in a different city this fall:

(7) NIH Proposal Writing Colloquium -- a limited enrollment seminar focused on developing NIH applications-- (Atlanta 11/14).

The seminars will be conducted at the Los Angeles Airport Marriott. All seminars are single-day courses conducted from 9:00 AM- 4:30 PM. (Coffee and registration is from 8:30 AM- 9:00 AM). Tuition ranges from \$295-\$345 per seminar.

Discounts are available to those who attend two or more, and we are offering an early bird special for payments received by November 2.

Also, we now offer a group discount to departments or institutions that wish to send their personnel to a total of ten or more seminar sessions.

SEMINAR REGISTRATION FORM:

Complete seminar descriptions and registration information are available online at <http://www.rams-fie.com/seminars>. You also can receive further information and register directly by calling 1-800-875-2562 or 301-975-0103.

SPECIAL PROGRAMS ARE AVAILABLE FOR ON-SITE INSTRUCTION AT CAMPUSES AND OTHER INSTITUTIONS FOR A DISCOUNT.

SEMINAR SITE:

Los Angeles Airport Marriott
5855 West Century Blvd
Los Angeles, CA 90045
(310) 641-5700 - phone/reservations
(310) 337-5358 - fax
Seminar Hotel rate: \$119
Reservation deadline for this rate (based on availability):
November 17, 1998.

Fedix Opportunity Alert (FOA) is a free-to-the-user e-mail service that automatically delivers targeted research & education funding opportunities and other information to its subscribers. It is the fastest, most comprehensive, and cost efficient way to communicate opportunities information to the research and education community.

////////////////////////////////////// UPDATES FROM THE U.S. DEPT. OF EDUCATION;
"COMMUNITY UPDATE"
"AMERICAN EDUCATION WEEK"

The kick off for American Education Week with National Parent Involvement Day will take place on Monday, November 16. For further information on getting involved in this effort, call the National Parents' Day Coalition at (202) 530-0849.

Excerpted from U. S. Department of Education, Community Update, October, 1998.

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UPDATES FROM THE U.S. DEPT. OF EDUCATION; "COMMUNITY UPDATE"
"AMERICA GOES BACK TO SCHOOL 1998"

This year, families, schools, college and university students and staff, employers and employees, grandparents, community, cultural and religion organizations, caring adults and older students are finding ways to support the "America Goes Back to School" initiative. This annual effort focuses attention on improving education across the

nation, and challenges Americans everywhere to make a commitment to year-round involvement in children's learning.

Listed below are examples of "America Goes Back to School" events across the country. Telephone Pioneers of America. Telephone Pioneers of America will take the "I Like Me!" reading program on the road to 64 schools in the San Antonio, Texas Independent School District. The Telephone Pioneers has a partnership with Kindergartners Count to instill in youngsters a love of reading and learning.

- Technology Innovation Zone (TIZ). The Newport News Public Schools in Virginia are kicking-off a partnership that will establish research and development schools to help move the district to higher levels of academic achievement and ensure safe and orderly schools. The program will provide infrastructure wiring to connect schools and the community; lead to the acquisition of almost 500 computers; and develop K-12 articulation models, a teacher support system and a staff development program.

For more information about the America Goes Back to School initiative, call 1-800-USA LEARN.

Excerpted from U. S. Department of Education, Community Update, October, 1998.

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UPDATES FROM THE U.S. DEPT. OF EDUCATION; "COMMUNITY UPDATE"
"AMERICA LINKS UP: A CAMPAIGN TO PROMOTE ONLINE SAFETY FOR CHILDREN"

The America Links Up: A Kids Online Teach-In campaign kicked off National Kids Online Week on September 15 with a National Town Hall Meeting in Washington, D.C., and a taped broadcast produced by Turner Learning at the Newseum in Arlington, Virginia. These events were highlights of the U. S. Department of Education's "America Goes Back to School" initiative and fulfilled a promise made at the Internet Online Summit: Focus on Children held last December.

"America Links Up: A Kids Online Teach-In" is a broad-based awareness campaign to ensure that every child in America has a safe, educational and rewarding experience online. The U. S. Department of Education has joined a diverse group of education and community organizations and businesses to support the campaign and to encourage active involvement of parent, teachers and others in children's online experiences. The events featured U. S. Secretary of Education Richard W. Riley, as well as teachers, parents, librarians, kids, industry leaders, and government officials.

"While the wealth of information makes the Internet a valuable resource, there are land mines in cyberspace that we want all children to avoid." Secretary Riley stated at the National Town Hall Meeting. "Parents and teachers must monitor their child's online access and take steps to safeguard their child's well-being".

A grassroots toolkit, as well as a Web site, public service announcements (PSAs) on Internet safety, and a safety video were launched at the National Town Hall Meeting. The toolkit was designed to provide communities with the curriculum, tools and resources need to plan their own teach-ins. The Web site was designed to help make the Internet a safe and rewarding place, and contains safety tips for parents and children. The PSAs draw attention to the need to guide children online, and the safety video will be distributed to schools across the county through the National School Board Association.

Over 200 events in more than 30 states have registered to participate in the America Links Up campaign. For more information, visit <http://www.americalinksup.org>.

Excerpted from U. S. Department of Education, Community Update, October, 1998.

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WIE has initiated a WIE Job Posting File with job postings that have been forwarded to us, unsolicited. If you would like to subscribe to this monthly posting file, send a message to majordomo@ieee.org and type: subscribe women-jobs. This file will be maintained on a monthly basis. If you have any comments on the file, or would like to submit posting information, please submit to WIE at: women@ieee.org.

We are pleased to offer other IEEE sites that contains job listings:

The IEEE USA Jobs Listing Service on the www at:

<http://www.ieee.org/usab/DOCUMENTS/EMPLOYMENT/employment.menu.html>

The IEEE Careers & Education Web Site: "Careers & Education, Enabling Careers through Life-long Learning" can be accessed at <http://www.ieee.org/eab/>

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IEEE Membership Information: Senior Member

Senior Member is the highest IEEE membership grade that may be obtained by application.

Why Apply?

- for recognition of accomplishment by peers
- for professional advancement
- for personal satisfaction

Who should apply?

Engineers, scientists, educators, technical executives or those in IEEE designated fields who have - at least ten years active professional practice, with five or more years of significant performance, - accomplishments in engineering, publications, management, education or professional contributions.

We highly recommend all qualified IEEE members to apply for Senior Membership. Another reason to apply for Senior Member grade is that Senior Member grade is required before one is eligible for IEEE Fellow nomination.

To obtain Senior Member Application forms, please contact:

IEEE Operations Center
Admission and Advancement Committee
445 Hoes Lane
PO Box 1331
Piscataway, NJ 08855-1331
Tel: (732)562-5502 / Fax: (732)981-0225
E-mail: rab.aa@ieee.org

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WIE Committee Scopes of Interest:

Scope 1:

Gather and disseminate information regarding the status of women and initiatives for, by and on behalf of women in engineering and science.

Scope 2:

Enable mentoring and education programs within IEEE. Make available information regarding gender-related educational issues which may improve the entry and retention of women in engineering programs.

Scope 3:

Increase the participation and membership of women within IEEE.

Scope 4:

Address ways to improve the climate for women in IEEE and the workplace.

IEEE Women in Engineering Committee
445 Hoes Lane, PO Box 1331, Piscataway, NJ 08855-1331
URL: www.ieee.org/women
E-mail: women@ieee.org