



C E L E B R A T I N G Women of Science

creativity

teaching

serving society

inspiration

discovery

mentoring

advancing knowledge

invention

**Faculty from
the University of Wisconsin-Madison
describing their work**

**Saturday, April 9, 2005
9:00 am to noon**

**Room 1315
Chemistry Building
University of Wisconsin-Madison**

Wisconsin Initiative for Science Literacy

CELEBRATING Women of Science

PROGRAM

- 9:00 Introduction
Bassam Z. Shakhashiri
William T. Eyrue Distinguished Chair
for the Wisconsin Idea
Professor of Chemistry
- 9:05 Welcoming Statement
John C. Wiley
Chancellor of the University of Wisconsin-Madison
Professor of Electrical and Computer Engineering
- 9:15 "Curing Incurable Cancer"
Gelsomina DeStasio, Professor of Physics
- 9:35 Discussion
- 9:40 "Brain Chemistry and Food: Neural Control
of the Need to Feed"
Ann Kelley, Professor of Psychiatry
- 10:00 Discussion
- 10:05 "Life's a Gas: How Tiny Molecules Control Your Cells"
Judith Burstyn, Professor of Chemistry
- 10:25 Discussion
- 10:30 Break and visit to the Women in Chemistry exhibit
- 11:00 "Poking and Prodding Materials at the Nanoscale"
Wendy Crone, Professor of Engineering Physics
- 11:20 Discussion
- 11:25 "Carbohydrates: What Do They Do?"
Laura Kiessling, Professor of Chemistry and
Biochemistry
- 11:45 Discussion

Wisconsin Initiative for Science Literacy

The Initiative for Science Literacy has two goals: to promote literacy in science, mathematics, and technology among the general public, and to attract future generations to careers as the researchers, entrepreneurs, and teachers on whom the nation's continuing economic health and national security depend. Society makes progress in addressing critical issues by having both a skilled, creative, and productive workforce and a citizenry able to judge the risks and enjoy the benefits of advances in science and technology. The Initiative seeks to boost opportunities for educational success for all students, especially those from under-represented groups, and to empower adults to participate responsibly in our cherished democratic institutions. The Initiative aims to enhance the development of talent for careers in science and in science teaching and to advance the level of appreciation of science among the non-practitioners who are its beneficiaries. The Initiative explores and establishes links among the sciences, the arts, and the humanities. The Initiative programs at the local, national, and international levels include Science is Fun public presentations, Science in the City, Women in Science, Once Upon A Christmas Cheery in the Lab of Shakhshiri, Conversation in Science, Science on the Radio, Research and Development of Chemical Demonstrations, and a variety of activities connecting science, the arts, and the humanities.

The Initiative is headquartered at the University of Wisconsin-Madison and is directed by chemistry Professor Bassam Z. Shakhshiri who is the first holder of the William T. Evjue Distinguished Chair for the Wisconsin Idea.

WWW.SCIFUN.ORG

Hands-on Workshops this afternoon are scheduled for one hour each. Those who have registered for the workshops should assemble in Room 1315 at 1:00 p.m. The workshops will be repeated at 2:30.

WISCONSIN INITIATIVE FOR SCIENCE LITERACY

UPCOMING LOCAL EVENTS

Science Is Fun Presentations at ENGINEERING EXPO

April 14 – 16

Science Is Fun presentations at KIDS EXPO

April 23 – 24

"Chemistry and Ceramics: Shared Ground, Common Fire"

Ronald Hoffmann, Nobel Laureate in chemistry

in conjunction with the exhibition

DON REITZ: Clay, Fire, Salt, and Wood

at the Elvehjem Museum of Art

April 25, 5:30 p.m.

Science Is Fun presentation at Hilldale Shopping Mall

April 30, 2:00 p.m.

Be sure to visit the exhibit

Her Lab in Your Life: Women in Chemistry

currently on display in the Chemistry Department Atrium

at the corner of Johnson and Charter Streets

through April 30.