

# Chesapeake Chemist

Maryland Section  
American Chemical  
Society



# Art

minako ota



# Preservation

*Student Awards, page 4*

## **50-year membership luncheon scheduled**

Congratulations to Maryland Section members who have reached the ACS 50-year membership milestone. This year's 50-year members are Dr. Sol Glicker, Mr. Norman H. Weissert, Jr., Dr. Frank Shanty, Mr. Israel S. Ungar, Dr. Joseph A. Cogliano, Dr. Moises G. Sanchez, Mrs. Ellen N. Young, and Dr. Ernest F. Silversmith.

The Maryland Section has arranged a luncheon to mark the event. The luncheon will be held at Belmont, the ACS retreat just off Route 1 in Elkridge, Maryland, on May 17, 2002. Registration will start at 11:30 am, with lunch at noon. The afternoon program (from 1:00 to 2:00 pm) will begin with a history of the section, followed by a brief introduction to each new 50-year member and the presentation to each of a plaque that the ACS has issued in his or her honor.

The directions to Belmont and a map are available on the internet at [www.acs.org/Belmont](http://www.acs.org/Belmont). The price of the luncheon for members is \$25; for retired members, spouses and nonmembers, \$20. Anyone wishing to attend should contact Dr. Bober (410-581-5321) or Dr. Shah (410-532-5712) by April 10.

## **Western Maryland dedicates new science center**

The new science building at Western Maryland College has been named for Thomas and Catharine Eaton. Thomas Eaton graduated as a chemistry major from Western Maryland in 1927 and worked in a variety of jobs for the Johns-Manville Corporation for thirty-eight years, culminating in his serving as vice president from 1955-1969. Both he and his wife have been supporters of the college for many years, giving gifts for both the Gill Center, the college's gymnasium, and the naming gift for the science center, now called Eaton Hall. Both were awarded honorary degrees by the college, and both were selected as honorary trustees.

## **Eastern Analytical Symposium scheduled**

The Eastern Analytical Symposium will be held November 18-22, 2002, at the Garden State Exhibit Center, Somerset, New Jersey. The deadline for the call for papers is April 15, 2002. Visit the EAS web site at [www.eas.org](http://www.eas.org) for more information. At the November meeting the EAS will present its 2002 awards for Outstanding Achievements in the Fields of Analytical Chemistry.

## **Maryland Section Executive Committee approves new program**

The Executive Committee of ACS Maryland Section has approved the establishment of a mentoring program. Chair of the Mentoring Program and Task Force on Mentoring is James Nwaba.

*Cover designed and executed by Stephanie Rowland Froberg of Rowland Designs*

**Chesapeake Chemist**

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# 2002 Student Awards



Jessica Parr  
*Goucher College*



Nick Zink  
*Villa Julie College*



Catherine Campitelli  
*Western Maryland College*



Jennifer Cooke  
*Washington College*



Maritza Sanchez  
*The Community College of  
Baltimore County, Catonsville*



Steven Silverman  
*Johns Hopkins University*

## **Congratulations**

The Maryland Section congratulates its 2002 Student Award winners. Each awardee receives a certificate, a one-year subscription to the Journal of Chemical Education, and a periodic table coffee mug, courtesy of Fisher Scientific and Mr. Lou Sacchetti. The section and especially the Student Awards Committee wish to thank Fisher Scientific and Mr. Sacchetti for their generous gift of the mugs this year as well as for our student awardees in April 2001.



MIDN Ricky Buria  
*United States Naval Academy*



Jennifer Bowker  
*Anne Arundel  
Community College*



Richelle Williams  
*Morgan State University*



Katie Prothero  
*St. Mary's College of Maryland*



Nicholas Morin  
*University of Maryland  
Baltimore County*



Bongiwe Nhliziyo  
*Towson University*

**Not Pictured**

Sandra Saville  
*Community College of  
Baltimore County, Essex*

Monica Pravahan  
*Baltimore City  
Community College*

Mikella Hankus  
*College of Notre Dame  
of Maryland*

Tiffany Romello  
*Mount St. Mary's College*

Megan Garber  
*Hood College*

# April 2002 Meeting

Thursday, April 18, 2002  
Western Maryland College

## Schedule

5:45 - 6:45 pm	Registration & Social Reception, Eaton Hall
7:00 - 8:00 pm	Dinner, Forum Room, Decker College Center
8:00 - 8:15 pm	Presentation of Student Awards, Auditorium
8:15 - 9:15 pm	Art Preservation Minako Ota

Price of the dinner buffet is \$20.00; spouses, retired chemists and guests of awardees may attend for \$15.00, and students (other than awardees) may attend for \$10.00.

Reservations can be made by calling 410-532-5712 or sending e-mail to [sshah@ndm.edu](mailto:sshah@ndm.edu) or [dr.shah@juno.com](mailto:dr.shah@juno.com) by April 12, 2002.

## Directions to Western Maryland College

Travel north on Route 140 to Westminster. Proceed around Westminster on Route 140 through six traffic lights until the divided highway reverts to a two-lane road. Turn left on to Route 31. At the first traffic light turn left on to Route 32 (Main Street). Turn right into the Harrison House parking lot.

## About the speaker:

Minako Ota was born in Osaka, Japan in 1965. She was trained as a studio painter in Tama Art University in Tokyo for four years. Her trip to Europe in 1987, especially the tour of the Sistine chapel then under restoration, changed her career focus forever. She chose to become an expert in western painting conservation and enrolled in a three-year graduate restoration course in Cambridge University, United Kingdom. After graduation, she worked for major museums and galleries, including the Victoria and Albert Museum in London, the Palace of Westminster and the Art Institute in Chicago. Since 1995, she has been running her own studio in Princeton, New Jersey. The major works that she has restored include a Rubens owned by the British Royal Family, a Constable and a Monet.

## Upcoming meetings:

The dinner dates for our meetings are as follows:

17 May 2002	Belmont - 50-year Membership Luncheon
29 May 2002	Johns Hopkins University - Remsen Award

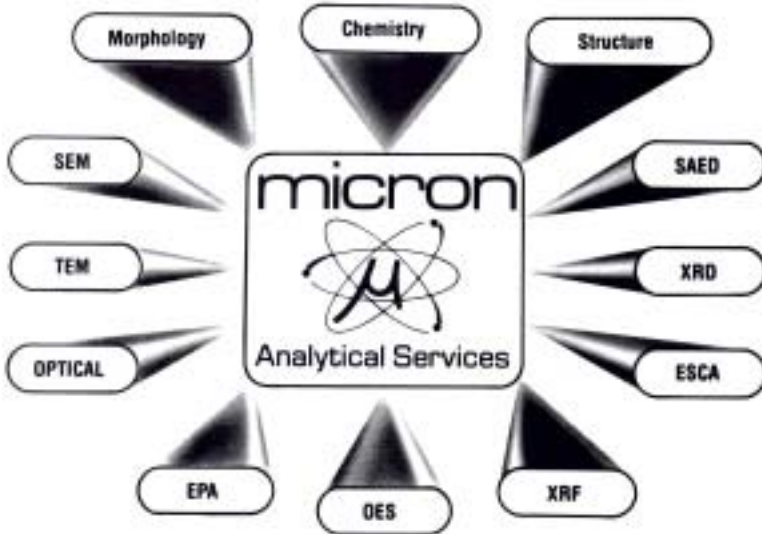
## April Historical Events in Chemistry

by Leopold May, The Catholic University of America, Washington, D.C.

- April 1, 1865      Birthday of Richard A. Zsigmondy, who received the Nobel Prize in 1925 for the elucidation of the heterogeneous nature of colloidal solutions and for the methods he devised. He introduced the ultramicroscope for the study of colloidal solutions.
- April 4, 1939      Synthesis of vitamin B6 was announced by Merck, Sharp & Dohme on this day.
- April 6, 1876      The first official organizational meeting of the American Chemical Society was held at New York University in New York City on this day.
- April 7, 1795      New law instituted the metric decimal system in France, and the nomenclature for this system was established on this day.
- April 9, 1930      Birthday of F. Albert Cotton, a researcher in inorganic and structural chemistry.
- April 12, 1872      Birthday of Georges Urbain, who codiscovered lutetium in 1907 with K. Auer von Welsbach. He also discovered the law of optimum phosphorescence of binary systems.
- April 14, 1710      William Cullen, who was born on this day, was the first to notice that heat is produced during the compression of a gas.
- April 18, 1838      Birthday of P-E. Lecoqde Boisbaudran, who discovered gallium, dysprosium, and samarium.
- April 19, 1776      Antoine L. Lavoisier admitted that he and Joseph Priestley discovered the same facts about oxygen but claimed the right to its discovery because he recognized it as an element. Priestley explained its formation in terms of phlogiston.
- April 22, 1919      Birthday of Donald J. Cram, a researcher in the application of stereochemical techniques to organic reaction mechanism. He invented carceplexes, or guest molecules completely encapsulated by hosts, and shared the Nobel Prize in 1987 with C. J. Pedersen and J-M. P. Lehn for their development and use of molecules with structure-specific interactions of high selectivity.
- April 26, 1932      Michael Smith, who was born on this day, received the Nobel Prize in 1993 for his fundamental contributions to the establishment of oligonucleotide-based, site-directed mutagenesis and its development for protein studies. Kary B. Mullis also received the Nobel Prize for his invention of the polymerase chain reaction (PCR) method.
- April 28, 1924      Birthday of K. Barry Sharpless, who discovered and developed many catalytic oxidation processes for stereoselective oxidation. He shared the Nobel Prize in 2001 with William S. Knowles and Ryoji Noyori for their work on chirally catalysed hydrogenation reactions.

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