

The Chemical Record

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Columbus Section of the American Chemical Society, Inc.

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Robert J. Massie Receives 2003 Patterson-Crane Award

Robert J. Massie, Director of Chemical Abstracts Service (CAS), a division of the American Chemical Society, is the 2003 recipient of the Patterson-Crane Award presented biennially by the Columbus and Dayton Sections of the American Chemical Society. The Award, given in honor of two previous editors of *Chemical Abstracts*, Austin M. Patterson and E. J. Crane, recognizes outstanding contributions in chemical information theory or practice.

The Award will be presented in Columbus, Ohio on Wednesday, May 14, 2003. It recognizes Mr. Massie for his leadership, particularly in encouraging the creation of the revolutionary SciFinder and SciFinder Scholar services; expanding *Chemical Abstracts* database content with citations, reactions, and properties; and improving the currency of patent information in CAS databases.

Prior to being appointed CAS Director, Mr. Massie had extensive information and publishing industry experience, including having served as President and CEO of Gale Research, Inc., a subsidiary of the Thomson organization. Mr. Massie held senior executive positions with the Torstar Corporation;

he was a management consultant with McKinsey & Co. in New York. He also practiced law with the firm of Covington & Burling in Washington, D.C. where one of his areas of specialization was Food and Drug law.

Mr. Massie holds a joint J.D./MBA degree from Columbia University, where he was a Harlan Fiske Stone scholar; he is an honors graduate of Yale College.

Mr. Massie is a member of several community boards of directors, including the Columbus Chamber of Commerce, COSI (Ohio Center of Science and Industry), the Columbus Council on World Affairs, the Children's Hospital Research Foundation. He is Chairman of the Columbus Technology Council. In 1998, Mr. Massie received the Executive of the Year award from the Industry & Technology Council of Central Ohio.

MEETING NOTICE

COLUMBUS SECTION OF THE AMERICAN CHEMICAL SOCIETY, INC.

Meeting # 786

Wednesday, May 14, 2003

at Chemical Abstracts Service CAS

2540 Olentangy River Road

Columbus, OH 43202

614-447-3600

- 6:00 PM Reception: Courtesy of CAS
- 7:00 PM Dinner: Spinach salad with red onion and bacon bits; sweet & sour dressing; Roasted new red potatoes; broccoli, cauliflower & carrots; Rolls & butter; assorted beverages; Sorbet with pirouette cookies
Choice of Entree:
 Sliced beef tenderloin with cabernet sauce
 Chicken Kiev with Mornay sauce
 Marinated grilled Portabella mushroom with fresh basil & olive oil
- 8:00 PM Presentation of the Austin M. Patterson - E.J. Crane Award
- Award address: "Opening the New Research Vista"
 2003 Recipient: Robert J. Massie, Director, CAS
- Cost: \$16.00 ACS Members and Nonmembers, \$ 14.00 Retired and Unemployed members, \$5.00 Students.
- Reservations: Please use the voice mail reservations service, by calling 614-447-3600 x 7047. Follow template for reservations*. Alternatively, please send email to Ed King eking@cas.org.

Reservations Deadline: Wednesday, May 7.

***VOICE MAIL TEMPLATE:**

First and Last Name: please spell last name
Member category: member, retired, emeritus,
unemployed, student, other.
Employer:
Entree Choice: beef, chicken, or vegetarian.
Your Phone no.: in case we need to contact you.

Directions to CAS

Take Route 315 to Lane Avenue. Go east on Lane to Olentangy River Road. Go north on Olentangy River Road, past the Fawcett Center for Tomorrow to Burnbrae Avenue (just before Dodridge Street). Go east and park in parking lot. Enter building A from the north side and please sign at the ACS reception table.

About The Speaker: Robert J. Massie, Recipient of 2003 Austin M. Patterson-E.J.Crane Award

Robert J. Massie, Director of Chemical Abstracts Service (CAS), a division of the American Chemical Society, is the 2003 recipient of the Patterson-Crane Award presented biennially by the Columbus and Dayton Sections of the American Chemical Society. The award recognizes Mr. Massie for his leadership, particularly in encouraging the creation of the revolutionary SciFinder and SciFinder Scholar services; expanding Chemical Abstracts database content with citations, reactions, and properties; and improving the currency of patent information in CAS databases.

Please see the Patterson-Crane announcement on Page 1 for more information about Mr. Massie.

About the Topic: "Opening the New Research Vista"

For much of the 20th century, the image of chemical research was of a chemist or student searching for a list of relevant documents in CA, then accessing those documents in "the stacks." In the 1980's and much of the 1990's, that image changed to electronic searches, most often mediated by "information professionals." Still, and predominately, the objective of the research was to produce the "answer set." Then, beginning in the second half of the 1990's CAS opened to individual chemists and allied scientists an astonishing new research vista. Not only was electronic or digital research put in the hands of the individual chemist, but new opportunities to search, explore, analyse and link information were created. This paper will discuss the origins and development of this new service, SciFinder, and will examine some of the new capabilities that are transforming the way chemical research is conducted.

STATE SCIENCE DAY--REMINDER

On Saturday, May 3, 2003, the 55th Annual State Science Day will be held at The Jerome Schottenstein Center of the Ohio State University in Columbus. Refreshments for judges will be served from 7 to 8:30 am and there will be a short orientation around 8 am. Judging is tentatively scheduled from 9 am to 12 pm. If you have a scientific background and would enjoy a great opportunity to meet some future scientists, please email Dr. Matt Platz, ACS State Science Day Coordinator at: platz.1@osu.edu.

NATIONAL CHEMISTRY WEEK 2003

Do you think it is important to improve the knowledge and recognition by the public of the positive contributions of Chemistry and Chemists to daily life?

Can you see spending of one to two hours of your time, one week/year promoting your Profession?

Then come and contribute to the efforts of the National Chemistry Week Committee as we plan for activities around the theme: Earth's atmosphere and beyond.

THE planning meeting will take place on Wednesday, May 21, 2003, at 5-6 p.m. at CAS, Battelle Room East.

Suggestions and ideas are welcome, too. Please contact:

Michael C. Clingerman, Chair
National Chemistry Week Committee.

Battelle Memorial Institute
505 King Ave.
Columbus, OH 43201
email: clingermanm@battelle.org
Desk 614-424-7208
Fax 614-424-7479

DR. UMIT OZKAN NAMED TECHNICAL PERSON OF THE YEAR BY CTC

The Columbus Section of the American Chemical Society (ACS) is honored to join the Columbus Technical Council (CTC) in recognizing Dr. Umit Ozkan, Associate Dean for Research at The Ohio State University, College of Engineering, as the 2003 "Technical Person of the Year."

The award honors Dr. Ozkan's outstanding accomplishments as an internationally recognized researcher in heterogeneous catalysis, excellence as an engineering educator, and leader in the

Scientific Community and the ACS, as member of the Fuel Chemistry and Colloid and Surface Chemistry Divisions and the Columbus Local Section.

The CTC Awards Banquet will be held on Wednesday April 30, 2003, 6-9 p.m., at the Clintonville Woman's Club, 3951 N. High St. For more information see www.columbustechnicalcouncil.org.

PROJECT SEED

ACS Members Support Disadvantaged High School Students in Their Pursuit of Careers in Science

By Maria Rosenthal and David Hart

The Education Committee of the Columbus Section, in line with the strategic thrusts of the ACS in promoting diversity in the Chemical Enterprise, is stepping up in support of Project SEED as we join fellow ACS members worldwide in celebration of the 35th anniversary of Project SEED this year. Special events are being planned for the Fall National Meeting in New York, Sep. 7-11, 2003.

The SEED program provides opportunities for hands-on Summer Research for students who historically lack exposure to scientific careers. Students are placed in academic, industry, and government research laboratories for 8-10 weeks during the summer. They receive a fellowship award for their efforts (\$1750-\$2000). Students who complete the Summer I program have an opportunity to return for a second summer of research (Summer II).

Project SEED also offers students information on career paths, preparation for college studies, mentoring, participation in scientific meetings (e.g. at the ACS National Meeting in New Orleans, about 30 SEED students presented their posters at the Minority Affairs Committee Reception and at the SciMix) and the means to affirm self-confidence. In addition, SEED students are eligible to compete for a first-year, nonrenewable college scholarship to chemical sciences majors, to help students make the transition from high school to college.

Locally, the Ohio State University has hosted Project SEED students. At present, Dr. David Hart is the Coordinator in the Chemistry Department, and collaborates with Ms. Deborah Lucas, a teacher at Columbus East HS for recruitment of students. Now in its third summer, the program has provided training for 9 students, 3 of whom are pursuing undergraduate studies in the sciences and 5 of which will be returning to OSU for the 2003 Project SEED Summer II program.

And now it is time to invite ACS members throughout the Columbus Section to make Project SEED part of their Profession. What can you do?

Scientists: Start a program at your institution. Form partnerships with High School Teachers. A timetable of events follows.

- October-December: Find funds to support program (institution). Certain kinds of funds will qualify for ACS matching funds to support student stipends.
- End of January: Submit proposal to ACS. This is a short document.
- February-April: Receive response from ACS.

- April-May: Select students and have orientation session for students and parents.
- June-August: Run Project SEED program.

Scientists not directly able to host a program can serve as mentors and contribute funds to Project SEED.

Teachers: Provide scientists with access to students. Form partnerships with scientists.

For additional information on Project SEED, visit www.chemistry.org/education/seed.html or contact Maria Rosenthal. [Phone 614-447-3600 x 3578; Email: mrosenthal@cas.org.] or at OSU contact Dr. David Hart, Project SEED Coordinator and Professor, Department of Chemistry, The Ohio State University 100 W. 18th Avenue, Columbus, Ohio 43210 [Phone 614-292-1677 or 614-292-8688; Email: hart@chemistry.ohio-state.edu]

The Fulbright Scholar Program

Council for International Exchange of Scholars

The Fulbright Scholar Program is offering many lecturing, research, and lecturing/research awards in Chemistry for the 2004-2005 academic year. Awards for both faculty and professionals range from two months to an academic year.

While many awards specify project and host institution, there are a 153 open "All Disciplines" awards that allow candidates to propose their own project and determine their host institution affiliation. Foreign language skills are needed in some countries, but most Fulbright lecturing assignments are in English.

Application deadlines for 2004-2005 awards are:

- May 1 for Fulbright Distinguished Chair awards in Europe, Canada and Russia
- August 1 for Fulbright traditional lecturing and research grants worldwide

For information, visit our Web site at www.cies.org
<http://www.cies.org>, e-mail apprequest@cies.iie.org
mail to: apprequest@cies.iie.org, or contact:

The Council for International Exchange of Scholars
3007 Tilden Street, N.W. - Suite 5L
Washington, D.C. 20008
Phone: 202-686-7877

Councilors Report - New Orleans Meeting, March 23-27, 2003

Please see the article in support of the Petition for Funding of Local Sections and Divisions in the April Issue of the Chemical Record.

GENERAL:

Attendance at New Orleans Nat. Meeting:

- Total: 14,576 as of 3/26/2003
- Registered: 11,702
- Guests: 741
- Expo only : 621
- Exhibitors: 1,501 in 504 booths.

A total of 8700 papers were scheduled, few were withdrawn due to travel problems.

SELECTION OF CANDIDATES FOR PRESIDENT-ELECT.

Council selected by vote, the following: William F. Carroll and Jr. Michael E. Strem

Look for candidate statements in Chemical and Engineering News, the campaign will take advantage of web resources in chemistry.org, each candidate will have a webpage.

BOARD OF DIRECTORS.

1. Search for Executive Director on track. Plans include search firms and focus groups comprised of members of local sections and divisions.
2. To ensure financial responsibility of all operations, no new programs will be authorized without viable funding.

FINANCES

1. The CFO of ACS is retiring in June 2003. Despite investment losses, the society is in sound financial condition. The deficit for 2002 was \$789,000.00 vs. projected 2,000,000.00 This reflects good cost control and contributions from operations such as CAS and Meetings Divisions.

2. Membership division programs, i.e., education, public relations, etc., are to be funded by public support, i.e., membership dues. Current funding levels are below guidelines and present a problem regarding the nonprofit status of the society. More funds must come from the membership for these programs.

3. The dues for 2004, will be \$120.00 for full membership, as approved by Council vote. This is a result of the fully assessed dues escalator.

EDUCATION

1. Work continues on the initiative of Past President, Dr. Eli Pearce on restructuring chemical education.

2. The Society Committee on Education, SOCED, has a task force collaborating with the National Science Teachers Association (NSTA) in development of new standards for the preparation of teachers of chemistry. The focus is on teacher retention and training. Local Sections are

encouraged to participate by sharing the standards with State and Local Government Officials. The document is available in www.chemistry.org/education, then click on professional development.

LOCAL SECTION ACTIVITIES

1. Leadership conferences. Alumni of the spring conferences will be invited to the fall conference, Oct. 3-5 in St. Louis; focus on development of leadership skills.
2. Technology. New Local Section Financial Management Tool, will allow treasurers to track finances and automatically produce the financial report for the annual report. In addition, the annual report form will have questions on chemical hygiene, environmental health and safety as well as collaborative activities between local sections and divisions.
3. New outreach activity, Chemistry Earth Day. April 21.
4. An initiative from Dr. Pearce regarding involvement of retired chemists in programs, e.g., mentoring, teaching chemistry, advisory to legislators, etc., is described in the March 24 issue of C&E News, in the article "Forging a Silver Circle of Senior Members".

ECONOMIC AND PROFESSIONAL AFFAIRS

1. Enhancements to Career Services. Direct online interaction between job candidates and employers. Workshops on career assistance, resume preparation, and interview skills.
2. Review of Professional Employment Guidelines is underway.
3. Career Consultant Program. Now available online. Job seekers can contact consultants through this service.

DIVERSITY PROGRAMS AND MINORITY AFFAIRS.

1. Continue to address Society's strategic thrusts related to increasing numbers of under-represented minorities in the chemical enterprise. Presence throughout all ACS activities and governance.
2. Project SEED. Local Sections are invited to contribute to funding of scholarships and to enhance participation of deserving students.
3. ACS Scholar program. Since inception in 1994, 1220 scholarships have been awarded. The program has a retention rate of over 81% [students that earn a 4-year degree]. Again, local sections are encouraged to support a scholarship, publicize the program at local high schools, and have members serve as mentors for Scholars.

This report presents only highlights. Please contact one of us for details and any questions you might have.

Respectfully submitted, Columbus Section Councilors
Maria Rosenthal
Anne McCoy
Donald Songstad

2003 COLUMBUS SECTION ACS CALENDAR OF EVENTS

Compiled by Maria Rosenthal

April

24-25 Chemistry Olympiad - High School Students National Test
Wed. 30 Columbus Technical Council Banquet at Clintonville Women's Club

May

Sat. 3 State Science Day - OSU Schottenstein Center
Wed. 14 Patterson-Crane Award – Chemical Abstracts Service

September

Thu. 25 GFS Chemicals 75th Anniversary celebration at Confluence Park
Restaurant

October

Wed. 15 ACS President-Elect visits the Columbus Section at CAS
19-25 National Chemistry Week

November

Wed. 12 TENTATIVE, Monthly Section Meeting, TBA

December

Wed. 10 Joint meeting with the Central Ohio Section of the American Institute of
Chemical Engineers, TBA

The Chemical Record, official newsletter of the Columbus Section of the American Chemical Society, is published monthly, September-December and February-May (eight issues per year.) Opinions expressed by editors or contributors do not necessarily represent the official position of the Columbus Section. We welcome your contributions to your *Chemical Record*. Please submit them via postal or electronic mail to George Greene, PO Box 360941, Columbus, Ohio 43236-0941, george.greene@abbott.com. Electronic mail contributions should be in plain-text messages or in Word 97 (or earlier release) file attachments. Thank you very much!

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CHANGE OF ADDRESS

Changes in postal or e-mail address should be reported to the Membership Chair, George Noethlich, 2740 Bella Via Avenue, Columbus OH 43231-2305, e-mail gnoethlich@wideopenwest.com. George will forward the change-of-address information to ACS Headquarters.

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