



The Chemical Record

Volume 46, Number 2 - March, 2004
Columbus Section of the American Chemical Society, Inc.

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MEETING NOTICE

COLUMBUS SECTION OF THE AMERICAN CHEMICAL SOCIETY, INC.
Meeting # 792
Tuesday, March 9, 2004
Brazenhead 5th Avenue Pub
1027 West Fifth Avenue
Columbus, Ohio 43212

Schedule:

6:00 PM Dinner, Cash Bar.
7:00 PM Program: The Chemistry of Glass Blowing
Dominic Cavalaro, Glass Axis Studio
Menu: Variety of appetizer and sandwich options. Soft drinks and ice tea.
Dinner Cost: ACS members and nonmembers \$18.00, retired and unemployed \$16.00, students \$6.00. Payment will be collected at the door. Cash and checks accepted.
Reservations: Please use the voice mail reservations service by calling 614-447-3600 extension 7047. Follow template for reservations*. Alternatively, please send e-mail to The Columbus Section at the following e-address: <mailto:acscols@cas.org>.

***VOICE MAIL TEMPLATE**

- First and last name: please spell last name.
- Membership category: member, retired, emeritus, unemployed, student, other.
- Employer.
- Your phone number:, in case we have to contact you.
- More information: <http://www.acs.columbus.org/>

RESERVATIONS DEADLINE: . Wednesday, March 3, 2004.

Your reservation is a dinner order that must be paid. Please help us to control costs by honoring your order.

Directions:

Brazenhead is located at 1027 West Fifth Avenue. After dinner, we will walk across the parking lot to the Glass Axis Studio to watch the demonstration.

Program Contact:

Heather D. Hollandsworth, YCC Co-Chair
Staffing Consultant, Kforce Scientific
Office: 614-776-3239 Fax: 614-899-0504
Email: <mailto:hhollandsworth@kforce.com>

About the Speaker:

Mr. Cavalaro is a glass blower from Columbus. He works out of the Glass Axis Studio. Founded in 1987 by twelve graduates of The Ohio State University Glass program, Glass Axis was created as a non-profit organization to provide a facility where glass students and community members interested in glass could come together and share expenses, knowledge, resources and artistic expression through the medium of glass.

About the Topic:

The speaker will be teaching us about the chemistry of glass blowing while demonstrating some glass blowing techniques. We will be able to observe the fundamentals of glass blowing and ask questions.

COUNCILORS NEWS

By Maria Rosenthal

The ACS Chair of the Board, Dr. James Burke and the ACS President, Dr. Charles P. Casey have announced appointments to Council.

- Maria G.V. Rosenthal has been appointed as Member of the Joint Board Council Committee on Minority Affairs for 2004-2006. Maria served as associate member of this committee during 2003.
- Donald Songstad continues to serve as a member of the Divisional Activities Committee.

The Columbus Section will be represented at the ACS Spring National Meeting in Anaheim, by Maria Rosenthal, Donald Songstad, Councilors, and Jeff Trent as Alternate Councilor.

Also representing the Columbus Section at the meeting will be Heather Hollandsworth, YCC Co-Chair, who will coordinate and assist graduate and undergraduate students from the Columbus Section area while at Anaheim. Heather will also participate in National YCC and Local Section Activities sessions.

Member Alert: ACS Amendment to Board Regulation IX

At the ACS National Meeting in New York, Board Regulation IX was amended. The purpose of the amendment is to help ensure that members and users of ACS programs, products, and services be made aware that ACS is the provider. The Committee on Professional & Member Relations recommended to the board and the board passed a resolution amending its regulations as follows:

d. "All publications, products, services, and programs of the society and their marketing and promotional communications shall clearly be identified as being provided by the American Chemical Society, unless the executive director determines that there is compelling reason for an exemption from these requirements."

If you have any questions regarding this amendment, please contact the ACS Membership Division at (202) 872-6379 or contact <mailto:pmr@acs.org> or mailto:c_avery@acs.org.

New SCIFINDER® Edition Positions CAS as Leading Synthetic Chemistry Resource

In its SciFinder 2004 Edition, Chemical Abstracts Service (CAS) has unveiled unique and powerful new capabilities for chemical reaction exploration and analysis. These enhancements are integrated with CAS' weekly updated reaction database now containing seven million reactions, making SciFinder the essential synthesis research tool for the chemical and pharmaceutical industries. The new SciFinder version became available to CAS customers worldwide this week.

SciFinder's new "Analyze Reactions" tool lets scientists profile reactions in terms of relevant categories, such as the catalyst used, solvent involved, the number of reaction steps or product yields. In record time, researchers can find reactions and increase their productivity.

"With SciFinder, scientists benefit from state-of-the-art exploration and analysis software capabilities, coupled with the intellectual contributions of CAS scientists who build our reaction databases," said CAS Vice President, Marketing & Sales, Suzan A. Brown. "SciFinder's new edition does more than ever to advance synthetic chemists' productivity, efficiency and creativity."

In addition to the new reaction features, SciFinder's new version provides structure searches of the entire CAS substance collection or allows focus by substance classes, such as coordination compounds, mixtures, polymers, etc.

All of these enhanced applications in the SciFinder 2004 Edition are also available in the corresponding version of SciFinder Scholar for students and faculty. More information about SciFinder can be found on the CAS Web site at <http://www.cas.org/SCIFINDER/>

Chemists Celebrate Earth Day, April 22, 2004--What do you know about H₂O?

Members of the American Chemical Society's Committee on Community Activities invite you to participate in Chemists Celebrate Earth Day on April 22, 2004. The program is a joint effort between the ACS Committee on Community Activities, the Committee on Environmental Improvement, and the Green Chemistry Institute. Chemists Celebrate Earth Day provides volunteers with an opportunity to showcase chemistry's contributions to sustaining a healthy planet and environment as part of the annual Earth Day celebration.

The 2004 theme for Chemists Celebrate Earth Day is "What do you know about H₂O?" As part of the celebration, the American Chemical Society is sponsoring a music video competition for students in grades K-12. The contest encourages students to produce a music video best illustrating the theme "What Do You Know About H₂O?" As the unifying event, local sections are asked to participate in "Testing Rain Water" an activity designed to measure the acidity of rainwater in area communities and to compare results online to national findings. The web activity is made available through ACS collaboration with members of the National Atmospheric Deposition Program (NADP) and the ACS East Central Illinois Section. Hands-on activities, as well as a sample press release and templates, are available at

<http://chemistry.org/earthday>.

For additional information, contact the ACS Office of Community Activities at 1-800-227-5558, ext. 6078.

ACS Webcast Short Courses 2004 Schedule Released

Take an ACS Short Course without leaving your lab. Save the expense and inconvenience of travel, while benefiting from proven courses taught by expert instructors. Visit

<http://chemistry.org/education/webcast.html>

for more information and links to course descriptions. Space is limited, so register soon for the courses you want.

Basic Statistical Analysis of Laboratory Data
May 7-June 4, 2004

Effective Technical Writing
January 30-February 27, 2004
October 18-November 15, 2004

Infrared Spectral Interpretation, I
2004 Dates To Be Announced
Part 2 will also debut in 2004

Interpretation of Mass Spectra
April 15-June 3, 2004
September 14-October 28, 2004

Leadership Principles for R&D Managers and
Scientists 2004
Dates To Be Announced

Comments on recent courses (To the course instructor):

"Thank you for taking a lot of extra time with me on the phone during our course. The presentation was very well organized and efficient. It was very obvious to me that you command your subject, but also really enjoy it too."

— Scientist, Henkel Company

"I would HIGHLY recommend this course for people of ALL skill levels. I believe the course is better as an Internet course (than in-person short course) so that the content is absorbed in between lectures and the homework and reading assignments can be done without holding up anyone else's learning curve. The videos were a great resource and I viewed them several times over - stopping and replaying as I did - which enabled me to understand much more. I have never "exercised" my brain as much and at the same time enjoyed it!!" — Scientist, Boehringer-Ingelheim

Need More Information?

Visit the ACS Webcast Short Courses homepage or send an e-mail to <mailto:shortcourses@acs.org>. Don't see the course you are looking for? Let us know what other courses you would like for us to offer.

Looking for Instructors for New Courses

If you know someone who is excellent at teaching chemists about any of the following topics, have them contact mailto:c_gerson@acs.org to find out how to become a webcast short course instructor: chemical engineering, gas chromatography, high-performance liquid chromatography, medicinal chemistry and drug design, pharmaceutical/formulation development, pharmacology, polymer chemistry, synthetic organic chemistry, or toxicology.

Start Planning for Spring Regional Meetings

Online abstracts are open from January 14 through March 31, 2004 for the two regional meetings taking place this spring. Advance registration will also take place during that period. Take advantage of the opportunity to see your work online in Chemical Abstracts Services, as all papers accepted will become part of the CAS databases. To submit an abstract or register, visit the Regional Meetings website at www.acs.org/meetings/regional and click on the meeting of choice.

The Central Regional Meeting (CRM) leads off the season June 2 – 4 at the University Place Executive Conference Center & Hotel on the campus of IUPUI. Featured symposia include the Chemistry of Auto Racing, Proteomics, Nanotechnology, Forensics, Chemistry and Art, and Chemistry in Interstellar space. The meeting will also offer an ambitious 3-day program for precollege teachers. Visit their website to get more details on the exciting programming they have in store: <http://membership.acs.org/c/cerm2004/> or contact General Chair David Malik at <mailto:malik@chem.iupui.edu> or Program Chair Robert Pribush at <mailto:rpribush@butler.edu>.

Immediately following CRM is the joint Northwest/Rocky Mountain Regional Meeting (NORM/RMRM). Mark your calendar for June 6 – 9. NORM/RMRM will take place on the campus of the Utah State University, Logan, surrounded by the majestic mountains of that rugged western state. Symposia topics include Field-Effect Transistors Beyond Silicon; High Energy Materials, Metalloenzymes, New Frontiers in Chemical Bonding, Monitoring Air Pollutants, and Recent Advances in Drug Discovery. Visit their website for the details of the many topics to be presented at

<http://www.chem.usu.edu/~alexandrova/ACS.php>

or contact General Chair Steve Scheiner at <mailto:scheiner@cc.usu.edu> or Program Chair Alex Boldyrev at <mailto:boldyrev@cc.usu.edu> for more information.

36th Central Regional Meeting--June 2-4, 2004

**Indiana University Purdue University
Indianapolis, Indiana**

CALL FOR PAPERS

Papers are solicited from all areas of chemistry. More than thirty symposia have been planned, including such diverse topics as the chemistry of auto racing, proteomics, nanotechnology, forensic chemistry, and high school chemistry.

Key Dates:

March 1	Meeting registration opens
April 9	Abstract submission closes
May 17	Advance registration closes

<http://membership.acs.org/c/cerm2004/>

A chemical exposition will also be held in the Conference Center. Interested exhibitors should contact David Mitchell, <mailto:dmit@lilly.com>, 317-276-1384 for further information.

2004 COLUMBUS SECTION ACS OFFICERS

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Heather Hollandsworth
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2004 COLUMBUS SECTION ACS CALENDAR OF EVENTS

Compiled by Maria Rosenthal

February	25	Monthly Section Meeting with Donald Tomalia at Pfahl Conference Center, The Blackwell, OSU
March	9	Monthly Section Meeting organized by YCC for all members. "The Chemistry of Glass Blowing" Buffet Dinner at the Brazenhead Restaurant on Fifth Avenue at 6:00. Variety of appetizers and sandwich options. Following dinner we will walk across the parking lot to Glass Axis where we will see a demonstration of glass blowing.
	23	Mentoring Information meeting – OSU
	24	Local Chemistry Olympiad Exam
	29-Apr 1	ACS National Meeting, Anaheim
April	TBA	National Chemistry Olympiad Exam
	15	Wine Tasting at Greystone Winery, with introduction and comments on winemaking, sampling of selected wines, and dinner.
	22	CHEMISTS CELEBRATE EARTH DAY. Theme: What do you know about H ₂ O? Unifying Event: Testing Rain Water
May	8	State Science Day - ACS Awards
	TBA	Annual Awards Banquet: Columbus Section Award, High School Chemistry Teacher of the Year
June	2-4	Central Regional Meeting, Indianapolis
August	22-26	National Meeting, Philadelphia

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October	6	Dr. William Carroll, ACS President-Elect, visits the Columbus Section
	17-23	NATIONAL CHEMISTRY WEEK THEME: HEALTH AND WELLNESS
November	TBA	Family Event
December	TBA	Joint meeting with AIChE

About *The Chemical Record*

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. Please do not add unnecessary spaces and carriage returns in the bodies of the paragraphs, etc. *Thank you very much!*

Deadline for Contributions to the April issue of The Chemical Record: Friday, March 5, 2004

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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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