



The Chemical Record

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Columbus Section of the American Chemical Society, Inc.
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<http://columbus.sites.acs.org>

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**MEETING NOTICE:
THURSDAY, NOVEMBER 12, 2009**

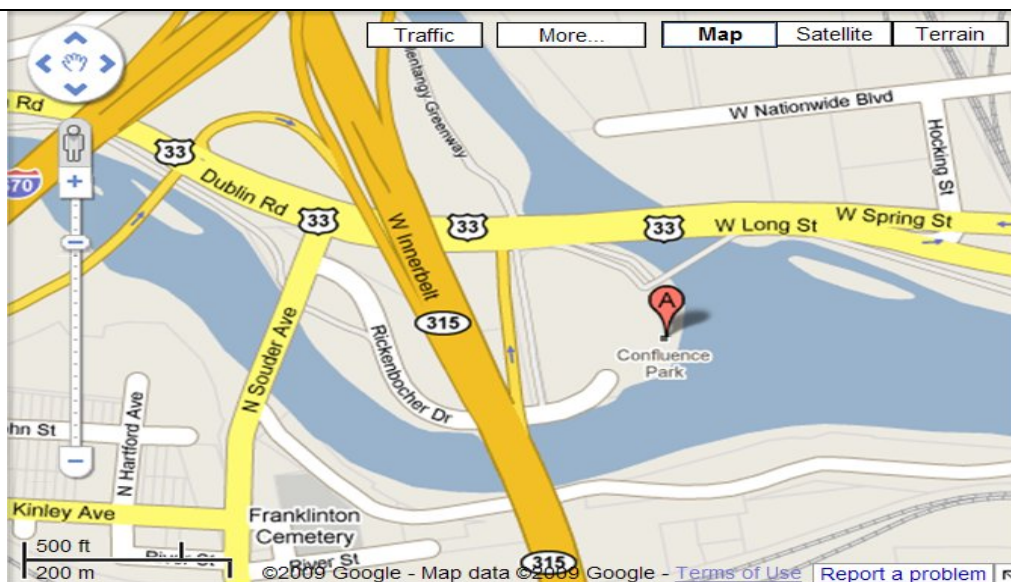
Columbus Section of the American Chemical Society, Inc.
<http://columbus.sites.acs.org>

The River Club
(formerly known as
The Confluence Park Restaurant)
679 West Spring Street
Columbus OH 43215
614-469-0000
<http://www.riverclubrestaurant.com/>

Program

Testing in the Consumer Analytical Laboratory, Ohio Dept of Agriculture
Speaker: **Dr. Mohammed Amin**, Asst. Division Chief

5:00-6:00 PM	Executive Committee Meeting (open to all members)
6:00-6:45 PM	Reception – Olentangy Room – Chips, Spicy Snack Mix, Mixed Nuts, Raspberry Lemonade, Soft Drinks. Cash bar available in the main restaurant.
6:45-7:30 PM	Dinner – Olentangy Room
7:30-8:30 PM	Speaker: Dr. Mohammed Amin , Asst Division Chief, <i>Testing in the Consumer Analytical Laboratory, Ohio Dept. of Agriculture.</i>
Menu	Salad of mixed greens with tomatoes, cucumbers, red onion, shredded carrots with Ranch and Italian dressing, Choice of Entrée – Baked Atlantic Salmon or Portobello Mushroom Napoleon, Wild Rice Pilaf, Vegetable Melange, and Dessert Station with Double Chocolate Cake, Caramel Apple Pie and New York Style Cheesecake
Cost	\$25 per person members and non-members, \$20 for retired and unemployed members, \$10 per student. Payment will be collected at the door; cash and checks accepted. There is no charge to attend the program only.
RSVP	Please use the voice mail reservations service by calling 614-447-3600 extension 7047. Follow the template for reservations*. Alternatively, please send e-mail with the same information to the Columbus Section at the following e-mail address: acscols@earthlink.net or use the Meeting Reservation form on the web site http://columbus.sites.acs.org
*Voicemail/e-mail Reservations Template	<ul style="list-style-type: none"> • First and last name: Please spell last name. • Membership category: member, non-member, retired, emeritus, unemployed, student, other. • Employer • Your choice of entrée, Salmon or Mushroom • Your phone number, in case we need to contact you. Please indicate if you are attending the program only.
Reservation Deadline	Wednesday, November 4 at noon. Your reservation is a dinner order and must be paid.
Program Contact	Priscilla Ratliff – 614-405-7350 or pratliff@earthlink.net
Directions	<ul style="list-style-type: none"> • Off Spring St. after crossing west under 315, turn left onto Souder St. proceed to first left – Rickenbacker. • Turn Left onto Rickenbacker. • This will take you into The River Club (Confluence Park Restaurant) parking lot. • Please sign-in at the Hospitality table.



About the Speaker: **Dr. Mohammed Amin** received a M.Sc. in Organic Chemistry from Chittagong University, Chittagong, Bangladesh. He then received an M.Sc. with commendation from Lakehead University, Ontario, Canada. Following his PhD in Organic Chemistry from the University of Saskatchewan, Canada, he spent four years as a Research Associate in the Department of Chemistry of the University of Rochester. From there he spent two years as a Research Scientist at Research Triangle Institute in Research Triangle Park, NC. He began his career at the Consumer Analytical Laboratory of the Ohio Dept of Agriculture in 1994. Following a series of positions of increasing responsibility he was promoted to Assistant Division Chief and Quality Assurance Manager of the Consumer Analytical Laboratory and Animal Disease Diagnostic Laboratory of the Ohio Department of Agriculture in September, 2009. He is a member of the American Association of Veterinarian Laboratory Diagnostics Inc.



About the Topic: . . . **The Ohio Department of Agriculture's Consumer Analytical Laboratory**, which tests dairy products, raw and processed meats, vegetables, fruits, drinking water, and dairy process water for bacteria that cause foodborne illness, was awarded several federal grants in 2008. These grants helped secure the lab's position as a nationally recognized emergency testing facility. The Food and Drug Administration will provide nearly \$1 million in equipment and \$350,000 in annual funding for personnel and supplies to position the lab as part of the national Food Emergency Response Network (FERN). The goal of FERN is to increase the national capacity to respond to chemical emergencies and emerging concerns including melamine contamination of food products. The Consumer Analytical Lab was also awarded a U.S. EPA grant to test commercial disinfectants for formulation and microbial efficacy. Ours was one of only three labs in the nation selected for this program, which verifies the effectiveness of commercially available hospital disinfectants against a variety of bacterial infectious agents and spores. (From *Breaking New Ground in Ohio Agriculture*, By **Robert J. Boggs**, Director of the Ohio Department of Agriculture, Proposed Op-Ed Piece Submitted for Publication, December 31, 2008.

WELCOME NEW MEMBERS!

By George Noethlich, Membership Chair

Please join us in welcoming the following new members who have joined the Section recently. The Columbus Section cordially invites new members to our monthly meetings. The Section will pay for new members' meals the first time they attend a meeting.

ALYCIA M BROWN
RHONDA DOYLE
IRAJ GHAZI
SHARLENE LEWIS
JINGJING LI

ANITA E MATTSON
LARRY S MILLER
EDWIN QUINONES
NANCY MARIE SANTAGATA

SCOTT SWARTZ
CHERYL B VAUGHN
TAYLOR C WALLACE
JASON L WEST
BROOKE B WOODARD

RECOGNITION OF SIXTY- AND FIFTY-YEAR ACS MEMBERS

By Wendy Reichenbach

At the recent October Columbus Section meeting, ACS President-Elect **Joseph Francisco** and Columbus Section Chair **Priscilla Ratliff** honored the 60- and 50-year members of ACS:

60-Year ACS Members

DR. CHARLES ARNOLD MR. DON LEITER
MS. JOAN LATHOUSE DR. DUANE SUNDERMAN

50-Year ACS Members

MS. BARBARA ABLER MR. FRANK HEALY
MR. JAMES BLACKWOOD DR. JOHN MEDICI
DR. CLARK DEHNE DR. DAVE UHRICK
MR. PAUL GAULT DR. HARRY RIES (DECEASED)

NOMINATING COMMITTEE NEWS

By Lewis Hogarth, Nominating Committee Chair

Candidates for the 2009 election are as follows:

Chair-Elect: **Karen Irving**
Secretary: **Lena Furci and David Speth**
Treasurer/Treasurer-Elect: **Bob Kroshefsky and Michelle Schott**
Councilor/Alternate Councilor: **Jens Hemmingsen, Ed King, John Shaw, Don Songstad and Jeff Trent.**

Candidates' biographical information and statements can be found on the Columbus Section Web site at
<http://columbus.sites.acs.org>.

HIGH SCHOOL CHEMISTRY TEACHERS ANNUAL CONFERENCE

By Jeff Bracken

Over forty high school chemistry teachers from throughout Central Ohio met at Westerville North High School during the morning of October 16th. Teachers picked up several new chemical demonstrations, lab ideas, and free glassware that had been donated from Abbott Labs. High School Teacher of the Year **Aaron Frim** spoke on the numerous applications of nanotechnology to high school chemistry classes.

“We try very hard each year to bring fresh ideas to the teachers because the event typically draws many of the same dedicated teachers each year. We were fortunate to also have several student teachers attend this year, and I’m encouraged by their eagerness to practice some of the demonstrations during the conference,” commented Jeff Bracken, one of the organizers of the meeting.

As most districts deal with financial hardships, the need for local professional development opportunities for teachers is vital. “Very few teachers are able to attend national meetings due to the cost of travel. That’s why it is so important to host these local events. Teachers are often isolated with few chances during the school year to interact with other chemistry teachers,” Bracken stated.

The annual event was sponsored by Ashland Chemical and the Columbus Section of the American Chemical Society.



Chemistry teacher **Pat Funk** shows the “Volume of Rice Demonstration.”

LETTER FROM ACS PRESIDENT THOMAS H. LANE, PHD

Attention Council Members, Local Section and Division Officers:

Your continued efforts are helping to grow the Society! To date, you have recruited 2,314 members as part of the 2009 ACS President’s Challenge – thank you! However, we still need your help if we are to achieve our goal of 10,000 new members.

Now that undergraduate students are full members of ACS, I encourage you to reach out to this important audience. ACS has developed a new resource, <http://undergrad.ACS.org>, to make it easier to recruit new undergraduate student members. The site describes some of the benefits of ACS membership, which are geared specifically to undergraduates. However, don’t forget to remind them that by joining the ACS they will be adding their voice to over 154,000 other professionals; focused on improving people’s lives through the transforming power of chemistry. They also may not be aware that the Society operates under a Congressional Charter (granted in

1937), which clearly states the purpose of the Society. In just one hundred words (Section 2 of the Charter) the authors make clear our purpose and why I chose to invest about forty cents a day to be a member of the ACS (only twenty cents for student members). Those one hundred words are...

SEC. 2. That the objects of the incorporation shall be to encourage in the broadest and most liberal manner the advancement of chemistry in all its branches; the promotion of research in chemical science and industry; the improvement of the qualifications and usefulness of chemists through high standards of professional ethics, education, and attainments; the increase and diffusion of chemical knowledge; and by its meetings, professional contacts, reports, papers, discussions, and publications, to promote scientific interests and inquiry, thereby fostering public welfare and education, aiding the development of our country's industries, and adding to the material prosperity and happiness of our people.

We hope that by bringing in new undergraduate student members, your sections and divisions will benefit from an increase in participation and contributions from the next generation of chemical scientists.

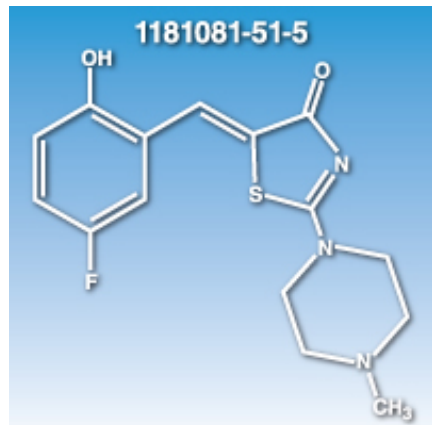
For full details about the President's Challenge, visit www.acs.org/MAC.

Thank you again for all of the hard work and time that you have given; helping to ensure a bright future for the ACS.

P.S. In September, the local sections and divisions brought in 597 new members making this the most successful month of the Challenge thus far. Local sections have recruited 1,127 and divisions 1,187 total new members. Keep up the great work!

CAS REGISTRY FILE PASSES 50 MILLION UNIQUE CHEMICAL SUBSTANCES

By Steven Rosenthal, Chair-Elect



On September 7, 2009 the 50 Millionth unique chemical substance was registered at [CAS](http://www.cas.org), a Division of the American Chemical Society. The compound was a novel analgesic from Chlorion Pharma and was reported in patent issued by the World Intellectual Property Organization on August 13, 2009. The structure is shown at left.

This achievement was reported in the [Columbus Dispatch](#), [C&E News](#) and many other publications.

The Columbus Section of ACS congratulates CAS on reaching this milestone in chemical information and database building.

This article is based on information reported on the [CAS website](http://www.cas.org).

HELP WANTED





By Dee Dee Bear

Manager of Laboratories and Administrative Operations, Miami University

Miami University has an urgent need for a Visiting Associate Professor to teach the sophomore Organic Chemistry Lab this coming Spring 2010. Please forward the link below to anyone you feel might be interested.

<https://www.miamiujobs.com/applicants/jsp/shared/frameset/frameset.jsp?time=1255381472685>

COLUMBUS SECTION ACS CALENDAR OF EVENTS

Year	Month	Date	Day	Location	Comments
2009	October	18-24	Sun-Sat	Here, There, Everywhere!	 National Chemistry Week: <i>Chemistry--It's Elemental!</i>
2009	October	23	Fri	Here, There, Everywhere!	 6:02 AM – 6:02 PM: International Mole Day, in honor of Avogadro's Number. This year's theme is <i>Molar Express</i> .
2009	October	24	Sat	Columbus Metropolitan Library Main Branch, 96 South Grant Avenue	National Chemistry Week "chemonstrations," 10:30AM – 4:30 PM. Volunteers are needed; please contact Professor John Blaha at 614.287.5930 or jblaha@csc.edu for more details.
2009	November	12	Thu	The River Club 679 West Spring Street	Monthly Section meeting. See details elsewhere in this issue of <i>The Chemical Record</i> .
2009	December	9	Wed	COSI	Joint monthly meeting with the Central Ohio Section of AIChE.
2010	March	17	Wed	The Blackwell, OSU Campus	Dr. Ouliana Ziouzenkova of OSU College of Education & Human Ecology
2010	March	21-25	Sun-Thu	San Francisco, CA	239 th ACS National Meeting and Exposition
2010	June	16-19	Wed-Sat	Dayton Convention Center and Crown Plaza Hotel., Dayton, OH	CeRMACS 2010 (Central Regional ACS Meeting)
2010	August	22-26	Sun-Thu	Boston, MA	240 th ACS National Meeting and Exposition
2010	October	17-23	Sun-Sat	Here, There, Everywhere!	 National Chemistry Week: <i>The Chemistry of Materials</i> .
2010	October	23	Sat	Here, There, Everywhere!	6:02 AM – 6:02 PM: International Mole Day, in honor of Avogadro's Number.
2011	Jan-Dec				 International Year of Chemistry. See details in the March, 2009 issue of <i>The Chemical Record</i> .



COLUMBUS SECTION 2010 MONTHLY MEETINGS

By Steven Rosenthal, Chair-Elect

February	Speaker from Nestlé at Columbus State Community College	September	TBA
March	Dr. Ouliana Ziouzenkova of OSU College of Education & Human Ecology, March 17.	October	ACS President-elect at CAS with presentation of Fifty year member certificates and High School Chemistry Teacher Award and National Chemistry Week
April	<i>Chemists Celebrate Earth Day</i> Activities	November	TBA
May	Columbus Section Award at Ohio Dominican University	December	ACS-AIChE Joint Meeting and New Year's Eve Party to mark the start of the International Year of Chemistry
June	Patterson-Crane Award at Dayton to be held in conjunction with CERMACS 2010		

ABOUT ACS

The American Chemical Society is a self-governed individual membership organization that comprises more than 158,000 members at all degree levels and in all fields of chemistry. The organization provides a broad range of opportunities for peer interaction and career development, regardless of professional or scientific interests. The programs and activities conducted by ACS today are the products of a tradition of excellence in meeting member needs that dates from the Society's founding in 1876.

ABOUT THE CHEMICAL RECORD

The Chemical Record, official newsletter of the Columbus Section of the American Chemical Society, Inc., is published monthly, February-May and September-December (eight issues per year.) Opinions expressed by editors or contributors do not necessarily represent the official position of the Columbus Section or of the editorial staff. 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 MS Word file attachments (preferred) or plain-text messages. When preparing electronic documents, please remember that you are no longer using the old Remington typewriter so you do not need to add a carriage return at the end of each line. *Thank you very much!*

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@wowway.com. George will forward the change-of-address information to ACS Headquarters.

ADVERTISING RATES

Advertising rates for *The Chemical Record* are as follows (per single insertion): Full Page, \$250; Half-page, \$150; Quarter Page, \$120; Eighth Page: \$60; Business Card, \$50. Discounts: 5% for four insertions or 10% for eight insertions during a calendar year. There is no charge for "help wanted" ads.

SECTION E-MAIL ROUTING

Please send items for distribution to the Section e-mail list to **Maria Rosenthal** (mrosentha@cas.org). Maria will perform any necessary formatting then she will forward the message to **Robert Bird**, Electronic Communications Coordinator, for distribution. If you would like to be added to the e-mail distribution list, please contact Robert Bird (rbird@cas.org).

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