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**PLEASE MARK YOUR CALENDARS FOR AUTUMN, 2009 COLUMBUS SECTION MEETINGS**

August 27  
September 22  
October 20

*Chihuly Reimagined*, Franklin Park Conservatory  
*Chemistry for the Birds*, Dr. Dwight Chasar, Clintonville Woman's Club  
ACS President-Elect, Dr. Joseph Francisco, Chemical Abstracts Service



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Chemistry for Life™

### PAUL E. PONTIOUS MAY 6, 1946 - JUNE 20, 2009

U.S. Veteran and Columbus Section Member Paul E. Pontious, 63, of Chillicothe, passed away in his home with his family at 2:16am Saturday, June 20, 2009, following an extended illness.

He was born May 6, 1946, in Ross Co. to the late Orval D. and Garnet E. Bower Pontious. On April 24, 1976, he married the former Carol Ann Bell, who survives.

Also surviving are his daughters and sons-in-law Leslie A. (Jeffrey) Kalmbach, of Belmont NC; Jennifer L. (John) Clark, Chillicothe; grandchildren: Catie and Jonathan Kalmbach; and Samantha Clark; a sister Patricia A. Smith, Tyler, TX; brother Gary Orval Pontious, Chillicothe; and his twin brother Dennis A. Pontious, La Grange, GA; his father-in-law and mother-in-law William A. and Bert E. Bell, Chillicothe; sisters-in-law Nancy (Jeff) Sanford, Chillicothe; Karen (Jim) Brown, Circleville; Janet (Mike) Block, Blacklick, OH; brothers-in-law William J. Bell; Tim (Tonya) Bell; and Mike (Shawna) Bell, all of Chillicothe; a host of nieces and nephews; and many special friends. He was predeceased by a brother Ronald V. Pontious.

Paul retired from Ashland Chemical Co. following 25 years of service where he worked as a Technical Service Representative for composites and research and development. He also worked at the former Wear-Ever Aluminum. He was a graduate of Centralia High School, Class of 1964. Paul served his country during the Vietnam War as an Electrician Mate, Third Class on the USS Norris.

Paul was a member of St. Joseph Catholic Church in Circleville, where he served as an Usher and Eucharistic Minister. He was a member of the Fr. John S. Hannan Knights of Columbus, Council 5297, Circleville; the American Legion, Post 291 Kingston; and the American Chemical Society. He enjoyed NASCAR, Ohio State Football and golf.

Mass of Christian Burial was celebrated 11:00am Wednesday, June 24, at St. Joseph Catholic Church, 134 W. Mound St., Circleville, Fr. Jeff Conning, Celebrant. Military graveside services by the Ross Co. Veterans Honor Guard will be held at the convenience of the family in Hallsville Cemetery. Arrangements were under the direction of Haller Funeral Home.

In lieu of flowers, memorial contributions may be made to one of the following: St. Joseph School Building Fund, 134 W. Mound St., Circleville, OH 43113; Adena Hospice, 111 W. Water St., Chillicothe; or the American Cancer Society.

This obituary was originally published in the *Chillicothe Gazette* on June 22, 2009.

### MEETING NOTICE: AUGUST 27, 2009

**Program:** *Chihuly Reimagined* will be on view along with all of the plant collections. In addition there will be a special presentation, *Chemistry of Art Glass*, by Lisa Kuhn and Jim Davis

**Date:** Thursday, August 27, 2009 beginning at 5:30 pm

**Location:** [Franklin Park Conservatory](#)  
1777 East Broad Street  
Columbus OH 43203

**Cost:** Depending upon the number of reservations received, group tickets will be \$7.00 or \$9.00 per person. Upon payment you will receive 7 or 9 tickets which may be used for food and beverage purchase. Additional food and beverages may be purchased with cash or credit card.

**Reservations:** Use the voicemail reservations service by calling 614-447-3600 extension 7047 or send email to the Columbus Section at [acscols@cas.org](mailto:acscols@cas.org). Give your name, number of persons in your party, and your phone number.

**Reservations are needed by 5:00 pm Friday, August 21, 2009.**



**Directions:**

**From the North:**..Take I-71 South into Columbus to the Broad Street Exit. Turn left (eastbound) onto Broad, travelling approximately 1 mile to Franklin Park. The Conservatory entrance is located at Conservatory Drive on the right or south side.

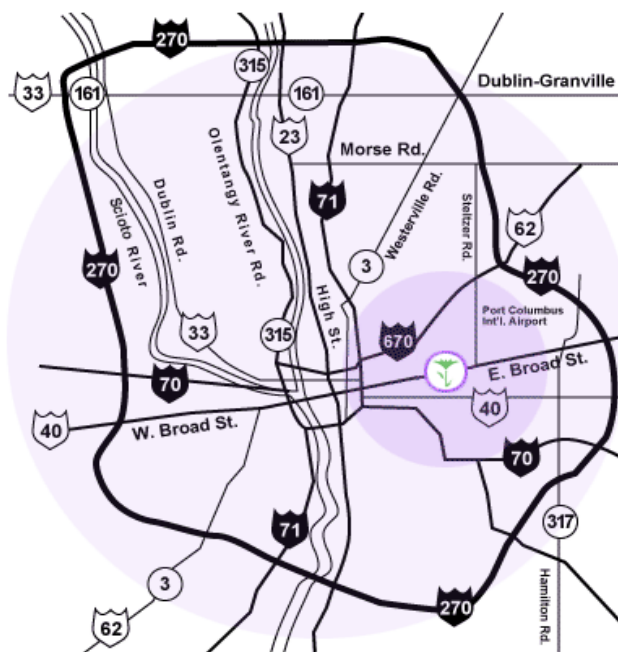
**From the South:**...Take I-71 North into Columbus to the Broad Street Exit. Turn right (eastbound) onto Broad, travelling approximately one mile to Franklin Park. The Conservatory entrance is located at Conservatory Drive on the right or south side.

**From the South:** .Take US 23 North to I-270 (outerbelt) exiting westbound towards Grove City. Take the I-71 North exit into Columbus and follow the directions above.

**From the East:**..Take I-70 West into Columbus to I-71 North to the Broad Street Exit and follow the directions above.

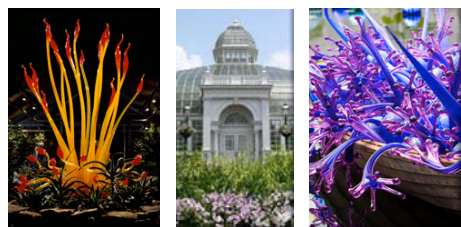
**From the West:**..Take I-70 East into Columbus to I-71 North to the Broad Street Exit and follow the directions above.

**From Downtown/Convention Center:** Take Third Street South to Broad Street. Turn left (eastbound) onto Broad and travel approximately two miles to Franklin Park, following the directions above.



Parking: Free on the conservatory grounds.

**Cocktails @the Conservatory**



Menu: A monthly featured cocktail or a full bar selection along with small plate hors d'oeuvres will be available at Cocktails @the Conservatory.

**Program Notes:** This evening promises to be a special event for the Columbus Section. We will have opportunity to view Franklin Park Conservatory's revitalized Chihuly exhibition as well as all of the other plant collections. DJs from Encore Entertainment will create musical ambience and at dusk, the Palm House will glow with James Turrell's LED installation, *Light Raiment II*. Last but not least members of the public will be invited to join Columbus Section members to hear chemists Lisa Kuhn and Jim Davis of Owens Corning speak about *The Chemistry of Art Glass*. For those who would like to know more about this fascinating subject see "[Glass-Sand + Imagination](#)" by Kenneth E. Kolb and Doris K. Kolb, *Journal of Chemical Education*, Vol. 77, No. 7, July 2000.

**About the Speakers:**

**Lisa Kuhn** is an Advanced Scientist at Owens Corning. She has been with Owens Corning in the Organic Analytical Lab for almost five years. In this role, she uses various analytical instrumentations to characterize the organic sizing on glass fibers and the organic components in OC products.

Prior to joining Owens Corning Lisa had three years of experience working as a synthetic chemist at Battelle Memorial Institute and seven years as an organic analytical chemist at BASF.

Lisa earned a Bachelor of Science degree from Miami University and a Master of Science in Organic Chemistry from Wake Forest University.

**Jim Davis** is the Leader of Granville's Analytical Testing and Machine Laboratory. He has been with Owens Corning for 28 years. Jim's first assignment with the company was in the Materials Analysis Lab, part of the old R&D Services organization. In this role, he used scanning electron microscopy to characterize a wide variety of OC products and related materials. He has held a number of related technical positions and was a member of Owens Corning's Senior Technical Staff. In that role, he was the lead microscopist in programs to measure fiber dissolution rates by in-vivo and in-vitro methods. This work was the cornerstone of fiber health research over the years.

In 1985, Jim assumed his first supervisory role-- as the head of the Inorganic and Materials Analysis Laboratory. He has held additional positions at the Manager and Leader level for the Wool Polymer Analytical Lab, the Analytical Testing Lab, the Product Testing Lab and, now, the Analytical Testing and Machine Laboratory.

Jim is a member of Phi Beta Kappa and earned a Bachelor of Science degree with High Distinction from the University of Virginia. He also obtained a Ph. D. in Chemistry from the same institution.

**MEETING NOTICE:  
SEPTEMBER 22, 2009**

Columbus Section of the American Chemical  
Society, Inc.  
[www.acscolumbus.org](http://www.acscolumbus.org)

**Program: "Chemistry is for the Birds"**  
**Dr. Dwight Chasar**

**Tuesday, September 22, 2009  
6:00 PM**

Clintonville Woman's Club  
3951 N. High St.  
Columbus, OH 43214  
[www.clintonvillewomansclub.com](http://www.clintonvillewomansclub.com)

<b>5:00-6:00PM</b>	Executive Committee Meeting (open to all members)
<b>6:00-6:45 PM</b>	Reception: Hors d'oeuvres and beverages
<b>6:45-7:30 PM Dinner</b>	Chicken or Vegetarian entrée with tossed garden salad, chef's choice of sides and desserts, soft drinks, coffee and tea.
<b>7:30-8:30 PM Speaker</b>	<b>"Chemistry is for the Birds"</b> <b>Dr. Dwight Chasar (retired)</b>
<b>Cost</b>	\$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. <b><i>Remember that this is a dinner order and must be paid. Please help control costs by honoring your order. There is no charge to attend the program only.</i></b>
<b>RSVP</b>	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: <a href="mailto:acscols@cas.org">acscols@cas.org</a> .



<b>*Voicemail/e-mail Reservations Template</b>	<ul style="list-style-type: none"> <li>• First and last name: Please spell last name.</li> <li>• Membership category: member, non-member, retired, emeritus, unemployed, student, other.</li> <li>• Employer</li> <li>• Your choice of entrée, Chicken or Vegetarian</li> <li>• Your phone number, in case we need to contact you.</li> </ul>
<b>Reservation Deadline</b>	<b>Monday, September 14, 2009 at noon.</b>
<b>Program Contact</b>	<b>Donald Songstad</b> 614-447-3600, ext 2157, <a href="mailto:dsongstad@cas.org">dsongstad@cas.org</a>
<b>Directions</b>	<ul style="list-style-type: none"> <li>• The Clintonville Woman's Club is located 0.7 miles south of Henderson Rd. on the west side of North High Street.</li> <li>• The private clubhouse is nestled atop the Adena Brook Ravine, adjacent to the Whetstone Park of Roses in the heart of Clintonville. Free parking is provided.</li> </ul>



**About the Speaker:** **Dwight Chasar** obtained his PhD in organic chemistry from Case Western Reserve University in 1968. After a post-doctoral stint and military service, he taught organic chemistry at the University of Pittsburgh at Johnstown for three years. Then he joined the BF Goodrich Co in 1974 as an R&D chemist, succeeding to the highest technical level of R&D Fellow. His research centered around polymer stabilization, nitrosamine formation in rubber, and vulcanization accelerators for rubber.

He continued in this capacity through successive owners of the business, eventually retiring from Emerald Performance Materials in 2007. He holds 24 patents and presented and published a number of papers at technical meetings and in technical journals, respectively.

He became interested in bird watching about 25 years ago and has not looked back. He leads bird walks for a number of groups, including the Cuyahoga Valley National Park, and organizes or participates in a number of bird censuses and breeding bird studies. He has served on the Ohio Birds Record Committee for four years. He has published papers and given talks on his bird field work, historical aspects of birds, and travels to observe birds in other countries.

A member of the American Chemical Society since 1965, he has been active both locally in the Cleveland Section and nationally as a councilor from Cleveland.

**About the Topic: *Chemistry is for the Birds***

Chemists like to think that chemistry is the central science. Recently, avian biologists and some chemists have examined more closely the chemistry associated with birds, using the tools we chemists have used for years to better understand facets of bird life and behavior. This presentation will discuss some recent as well as older research into this chemistry. The chemical pigments that give birds color, the chemicals that birds use for survival in the wild, chemicals that nearly extirpated raptors, and the use of stable isotopes to understand bird migration will be discussed. From the simplicity of bird poop to the complexity of bird DNA analysis, chemistry is playing a big role in understanding bird dynamics. Along the way bird photos should brighten up the chemistry discussions. This Powerpoint presentation should cover enough chemistry to satisfy general interest chemists while being simple enough for non-chemists and students to understand and appreciate the beauty and complexity of chemistry and birds.

## NOMINATING COMMITTEE NEWS

There is still time to nominate yourself or a friend to run for a 2010 elected office in the Columbus Section! Contact **Lewis Hogarth**, Nominating Committee Chair, at 614-268-8534 or [westwood@infinet.com](mailto:westwood@infinet.com) for additional information or to volunteer to run for any of the following positions:

**Chair-Elect:** The Chair-Elect succeeds the Chair after one year of serving in this position. Main responsibilities are Program and Planning. Attendance at Leadership Training provided by ACS is required.

**Secretary:** This is a one-year position. The main function is to maintain records, record minutes of Executive Committee meetings, and assist the Chair on agenda items.

**Treasurer-Elect:** The Treasurer-Elect succeeds the Treasurer after serving one year in this position. Main responsibilities are to assist the Treasurer and become familiar with procedures.

**Councilor:** The Councilors represent the Section's membership before ACS at National meetings and on Governance-related functions as required throughout the year. The Section has three Councilors who serve staggered 3-year terms to ensure continuity.

Persons interested in these positions can find more complete descriptions in the Section's Job Manual. The Manual in its current draft version is at: [www.acscolumbus.org](http://www.acscolumbus.org), under the pull-down menu "How we work".

The Nominating Committee is responsible for presenting two candidates per office. A member can also be nominated as candidate by a petition signed by 5% of the Section membership, which would be about 70.

All elected officers are members of the Executive Committee (EC) of the Section and are required to attend EC meetings at the request of the Section Chair. Candidates for officers should demonstrate willingness and enthusiasm for public service to ACS and the community. Experience is welcome but not necessary; training is provided. Nominees for Councilors are strongly encouraged to have, in addition, prior or current service to ACS as Councilors/Alternate and/or Officers for a Local Section or Technical Division.

## WELCOME NEW MEMBERS!

*By George Noethlich*

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.

Sheela Agrawal  
Nathan Arroyo  
Xiaoguang Bao  
Elaf Basri  
Sefanit Berihun  
Russell Bornschein  
Chaunda Brooks  
Chris Brown  
Mark Chrisman  
Brian Colopy  
Frederick Crawford  
Yue Ding  
Emily Fitzgerald  
Kristin French  
Sapna Gupta

William Henderson  
Michelle Hobbs  
Cody Horn  
Ashley Hyme  
Alexander Ivanov  
Sarah Kelly  
Benjamin Kester  
Annie Lesiak  
Brent McCracken  
Christian Milo  
Seungmin Na  
Brian Patterson  
Elizabeth Perez  
Katie Phillips  
Victoria Sain

Anastasia Smith  
Gregory Stull  
Dmitri Svetlov  
Alicia Tysl  
Matthew Vanden Eynden  
Meghan Wagner  
Bao-Yu Wang  
Ting Wang  
Norman Weston  
Shaun Whisenant  
Rebecca Witherow  
Ruiyang Xiao  
Andrew Yu

Silver

## SILVER CIRCLE NEWS

By Tom Weeks

[tomweeks@aol.com](mailto:tomweeks@aol.com)

Silver

Although "pleasant" would not be the word I would use to describe the Silver Circle Group's visit to the Rumpke Recycling Center on June 25th, it certainly was interesting, and quite a combination of high and low tech. Plus the presentation afterwards showed how the trade in recycled materials is truly global.

Fall plans include a lecture on the chemistry of nutrition and a geological tour of the Ohio Statehouse on Friday, October 16.

## YOU AND OUR GOVERNMENT

By Manny Luttinger

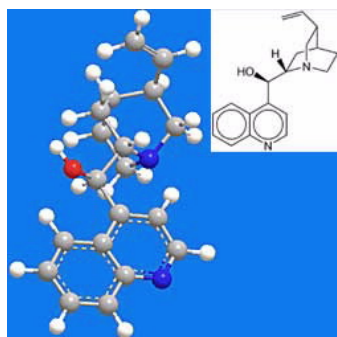
The American Chemical Society in Washington maintains a Legislative Action Network (LAN) made up of ACS members like you to help promote science issues to our government (mainly the Federal government, but on occasion also state government). In recent years, as well as currently, LAN activities have concentrated on advocating for a robust research budget from Washington. Beyond selfish interests of researchers, a well financed Federal research program is essential for the long-term well being of the nation. Innovation has always been the engine for industrial development, and it is the foundation of job creation, improvements in our quality of life and national security. Moreover, research grants are our universities' life blood for training the next generation of highly qualified researchers as well as teachers.

Many of you in the Columbus section are already active, and your participation is most helpful. But if there is anyone not fully aware of the opportunities for interacting with our elected officials, please go to [www.act4chemistry.org](http://www.act4chemistry.org) and register to be kept informed and to learn of opportunities for participating in science advocacy.

Please direct questions to **Manfred Luttinger** at 614-424-5531 or [luttinger@battelle.org](mailto:luttinger@battelle.org); or contact LAN directly at [lan@acs.org](mailto:lan@acs.org); or **Brad Smith**, Manager of Member Communities, at [b.smith@acs.org](mailto:b.smith@acs.org).

The ACS Fellows program was created by ACS Immediate Past President **Bruce E. Bursten**, a former Columbus Section member and former faculty member of The Ohio State University. An announcement giving details about the ACS Fellows Program appeared in *The Chemical Record*, Vol. 51, No. 2, March 2009, p. 7

See a complete list of all inaugural ACS Fellows and additional details about the first class in *Chemical & Engineering News*, Vol. 87, No. 30, July 27, 2009, p. 62



## MOLECULE OF THE MONTH: CINCHONIDINE

Cinchonidine is an alkaloid found in the bark of most varieties of cinchona shrubs. It and its stereoisomer cinchonine have long been used to direct chirality in the synthesis of asymmetric organic compounds. [More recently](#), Dutch chemists created chiral metals by crystallizing their salts in the presence of cinchonidine.

[More about this molecule from CAS.](#)



**PROFESSOR JAMES A. (JIMMY) COWAN, ELECTED TO THE INAUGURAL CLASS OF ACS FELLOWS**  
*By Maria G.V. Rosenthal*

We are delighted to announce that **Jimmy Cowan** has been selected as an ACS Fellow.

The ACS Fellows Program was created by the Board of Directors in December 2008 “to recognize members of the American Chemical Society for outstanding achievements in and contributions to Science, the Profession, and the Society.” Unlike ACS national awards, the distinguished honor of a Fellows designation will go to those who have distinguished themselves in multiple areas, including promoting the science, the profession, and service to the American Chemical Society. Dr. Cowan is recognized both as a leading research scientist and as a mentor and educator of many generations of young chemists that have attained college and post-graduate degrees in the Chemical and Biochemical Sciences at OSU.

Jimmy has served the Columbus section with great distinction and dedication as Treasurer, Councilor, Chair, and, as the General Chair of the Central Regional Meeting, CERMACS 2008. Under his stewardship as Chair, the Section implemented the transition from hard copy and regular mail to all-electronic newsletter and email communications. His guidance throughout the planning of CERMACS 2008 was instrumental in securing a very successful meeting.

The nomination of Dr. Cowan was spearheaded by **Dr. Sheldon Shore**, Distinguished Professor of Chemistry, The Ohio State University and long-term colleague of Dr. Cowan. **Dr. Maria G.V. Rosenthal**, Councilor for the Columbus Section, supported the nomination on behalf of the section’s membership. **Jodie Harper**, Section Member, also submitted a letter in support of Jimmy’s nomination.

**Congratulations, Jimmy!** And thank you for your service to ACS and the Chemical Community. We also congratulate **Dr. Malcolm H. Chisholm**, Professor and Chair of the Chemistry Dept. at Ohio State, **Dr. Anne B. McCoy**, Professor, OSU Chemistry Department and former Councilor for the Columbus Section, **Dr. Susan Olesik**, Professor, OSU Chemistry Department and joint recipient with the WOW program of the Stanley C. Israel Regional Award, CERMACS 2008, and **Dr. Daryle H Bush**, U. of Kansas, formerly of OSU Chemistry Department, past Chair of the Columbus Section and recipient of the Columbus Section Award, as members of the Inaugural Class of ACS Fellows.

**THANK YOU TO WEBMASTER STEPHEN RENNER**  
*By Priscilla Ratliff, Section Chair*

After more than ten years of service **Stephen Renner** is stepping down as Webmaster for the Columbus Section Web site. Stephen has worked hard to keep our Web site up to date and complete with information, photos and graphics pertaining to Section meetings, activities, and interests. Only someone who has done this job knows the hours of labor and many frustrations involved in the technical aspects of maintaining an Internet Web site.

Stephen’s contributions to the ACS and the Columbus Section also include his work as coordinator of the ACS Award in Chemistry at the State Science Day organized by the Ohio Academy of Science for 1998-2001. He led the effort to establish the Award and recruited and organized judges for this yearly event.

Stephen took over the job of Webmaster in 1999 and he became the Editor of the Chemical Record in 2000, a position he held through 2002. It was through this period that Stephen created the archive section of the Web page which houses issues of the Chemical Record to date.

He has been a most reliable member of the Communications Team of the Section, where his position as Webmaster has meant coordinating with ACS Web hosting management, the Editor of the Chemical Record, the e-mail communications volunteers, and every Committee Chair and member of the Executive Committee. Throughout his tenure, Stephen showed a great deal of responsibility, tact, and patience in dealing with the many technical issues that are inherent to Web page creation and maintenance. We could always rely on his expertise to find the best approach to a project or idea, many of which came to the team only as sketches.

Many of you may not know Stephen personally but month after month you have benefited from his work. He has truly been a star among our many behind the scenes volunteers. On behalf of the Columbus Section, I would like to publicly thank Stephen Renner for his efforts and dedication over the years. We wish Stephen all the best in his new career and will always cherish his friendship.



## NATIONAL CHEMISTRY WEEK 2009



National Chemistry Week will be observed **October 18-24, 2009**, with the theme, *Chemistry, It's Elemental*. Volunteers are needed to perform hands-on chemistry demonstrations for children of all ages at the Main Branch of the Columbus Metropolitan Library, 96 South Grant Avenue, from 10:30 AM until 3:30 PM on Saturday, October 24, 2009. No previous experience is necessary; we will provide everything you need and show you how to perform the demonstrations on the day of the event. You are not required to work the entire time; you may sign up for a two- or three-hour "shift." Please contact **Professor John Blaha** at 614.287.5930 or [jblaha@csc.edu](mailto:jblaha@csc.edu) for more details.



## NATIONAL CHEMISTRY WEEK COMMUNITY EVENT: CANNED FOOD DRIVE

Each year, an event is chosen to unite ACS members across the country in a common outreach effort. For National Chemistry Week 2009 (NCW), we invite you to collect canned food (cans are made of recyclable elements!) or organize a canned food drive in conjunction with your NCW event. Collections can be donated to your local food bank. We encourage you to record how many pounds, boxes, or barrels you filled for those in need and to publicize the success of your drive! Tips on organizing food collections will be available shortly on the NCW website at [www.acs.org/ncw](http://www.acs.org/ncw).

Please ask your employer if you can hold a food drive at your workplace for NCW, October 18-24, 2009. Thank you for participating.

## THE COLUMBUS SECTION AWARD FOR 2010

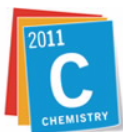
*By Lewis Hogarth*

Nominations are now being solicited for the Columbus Section Award for 2010.

This award is given every two years to a scientist who has carried the chemical sciences in new and original directions. The nominee may be in any field associated with chemistry, viz. chemical engineering, electrochemistry, coatings, astrochemistry, etc., and must have made, in the opinions of the nominators, significant contributions. Previous nominees have accomplished significant work in the areas of inventions and patents, research and development in environmental chemistry, advances in organic synthesis and the development and use of chemical coatings. A list of previous award recipients appears on the Section's website, [www.acscolumbus.org](http://www.acscolumbus.org).

Each nomination must be backed up with at least the following: a minimum of three letters of support, a statement of the nominee's achievements, a list of patents and publications, a biography of the nominee, a nomination cover letter by a member of the local section, and any other information considered salient. The successful nominee will be expected to deliver a talk at the May, 2010 meeting on a subject related to their expertise, and will receive a medal, a check and a plaque which may be kept for two years until the next award.

The Columbus Section Award Committee, which comprises a cross-section of chemical scientists from industry, academia and private business, will consider any nomination up to March 1, 2010, the application deadline. Please submit nominations to Columbus Section Award Committee, Columbus Section ACS, PO Box 82181, Columbus, OH 43202, or contact **Lewis Hogarth** at 614.268.8534 or [westwood@infinet.com](mailto:westwood@infinet.com) for additional details.



International Year of  
**CHEMISTRY**  
2011

**GET INVOLVED IN THE ACS  
CELEBRATION OF IYC 2011: SUPPORT  
THE U.S. COMMEMORATIVE STAMP  
CAMPAIGN**



The ACS is working to urge the United States Postal Service to adopt chemistry as a theme for a commemorative stamp in 2011 in view of the contributions of chemistry to the well-being of humankind in the U.S. and worldwide and on the occasion of the 2011 International Year of Chemistry.

The USPS gets 50,000 subject requests per year and awards only 25 commemorative stamps per year - Your efforts to contribute to this cause this year are very important and very much appreciated!

How to get involved:

- Visit [www.acs.org/iyc2011](http://www.acs.org/iyc2011) to download the petition
- Distribute the petition for signature among your colleagues, students, and friends (all chemists and friends of chemistry are encouraged to sign!)
- Mail or FAX completed petitions to the ACS Office of International Activities no later than November 1. (See petition for fax number and address)

To learn more about IYC 2011 and to contribute ideas to the ACS celebration of this historic event, visit [www.acs.org/iyc2011](http://www.acs.org/iyc2011).

**FRAMEWORK FOR A 21ST CENTURY UNITED STATES ENERGY STRATEGY**

A joint American Chemical Society/American Institute of Chemical Engineers team recently developed a public policy statement entitled, Framework for a 21st Century United States Energy Strategy, that was adopted by the Boards of Directors for both societies. ACS members like you served on the ACS team. The second phase of this team's work is to collect input on what factors should be included in this energy evaluation framework, or objective decision-making framework. To that end, we are asking ACS members to respond individually with their input on the development of this evaluation framework by answering one or more of the following questions:





- What are the economic considerations for an energy policy framework?
- What are the safety considerations for an energy policy framework?
- What are the societal considerations for an energy policy framework?
- What are the environmental considerations for an energy policy framework?

Please direct inquiries to the Committee on Science email address: [comsci@acs.org](mailto:comsci@acs.org)

**COLUMBUS SECTION ACS CALENDAR OF EVENTS**

Year	Month	Date	Day	Location	Comments
2009	August	16-20	Sun-Thu	Washington, DC	238 <sup>th</sup> ACS National Meeting and Exposition
2009	August	27	Thu	Franklin Park Conservatory	Monthly Section Meeting: <i>Chihuly Reimagined</i> .
2009	September	22	Tue	Clintonville Woman's Club	Monthly Section Meeting: <b>Dr. Dwight Chasar</b> , <i>Chemistry for the Birds</i>
2009	October	18-24	Sun-Sat	Here, There, Everywhere!	 National Chemistry Week: <i>Chemistry--It's Elemental!</i>
2009	October	16	Fri	Ohio Statehouse	Silver Circle Group—Geological Tour of the Ohio Statehouse

**COLUMBUS SECTION ACS CALENDAR OF EVENTS**

Year	Month	Date	Day	Location	Comments
2009	October	20	Tue	Chemical Abstracts Service	Monthly Section meeting with <b>Professor Joseph Francisco</b> , President-Elect of ACS.
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 <b>Professor John Blaha</b> at 614.287.5930 or <a href="mailto:jblaha@cscce.edu">jblaha@cscce.edu</a> for more details.
2010	March	21-25	Sun-Thu	San Francisco, CA	239 <sup>th</sup> ACS National Meeting and Exposition
2010	August	22-26	Sun-Thu	Boston, MA	240 <sup>th</sup> 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*

<b>February</b>	Speaker from Nestlé at Columbus State Community College	<b>September</b>	TBA
<b>March</b>	Speaker from Abbott	<b>October</b>	ACS President-elect at CAS with presentation of Fifty year member certificates and High School Chemistry Teacher Award and National Chemistry Week
<b>April</b>	<i>Chemists Celebrate Earth Day</i> Activities	<b>November</b>	TBA
<b>May</b>	Columbus Section Award at Ohio Dominican University	<b>December</b>	ACS-AIChE Joint Meeting and New Year's Eve Party to mark the start of the International Year of Chemistry
<b>June</b>	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](mailto: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](mailto:gnoethlich@wowway.com). George will forward the change-of-address information to ACS Headquarters.

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