

## The Chemical Record

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Columbus Section of the American Chemical Society, Inc.

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### ABOUT THE COLUMBUS SECTION

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The Columbus Section of the American Chemical Society comprises approximately 1,500 members who live and work in the following central Ohio counties: Delaware, Fairfield, Fayette, Franklin, Hocking, Knox, Licking, Madison, Marion, Morrow, Muskingum, Perry, Pickaway, Ross, and Union.

The Mission of the American Chemical Society (ACS) is to encourage in the broadest and most liberal manner the advancement of the chemical enterprise and its practitioners. Toward that end, the ACS advances scholarly knowledge, provides professional services and support, communicates with varied audiences, and is actively involved in the science, education, and public policy arenas.

The Columbus Section of the ACS adheres to this mission and the strategic thrusts of the national organization and leadership by providing programs and networking opportunities for Chemistry professionals in Central Ohio.

We invite ACS members and scientists in the community to lend their expertise and talents to our activities in science education, government and legislative policy issues, safety in our industrial plants and in our communities, and care of our land.



ACS  
Chemistry for Life®



### MEETING NOTICE

Columbus Section of the American Chemical  
Society, Inc.

Meeting #856

<http://columbus.sites.acs.org>

### Poster Session

Tuesday, May 22, 2012

The Scotts Company - Greenhouse  
14320 Scottslawn Road  
Marysville, Ohio 43041

#### PROGRAM DETAILS

5:00 – 6:00 PM	<b>Executive Committee Meeting</b> – Greenhouse Clubhouse conference room
6:00 – 6:45 PM	<b>Social Hour – Greenhouse Headhouse</b> Crab Salad Stuffed Redskin Potatoes Mini Chicken Satay with Peanut Ginger Sauce Fresh Mozzarella Crostini with Fresh Pesto



6:45 – 7:45 PM	<b>Dinner Buffet – Greenhouse Headhouse</b> Grilled Lemon-Rosemary Chicken Grilled Flank Steak with Grilled Radicchio & Roasted Shallot Vinaigrette Butternut Squash Quinoa Pie Sides of Roasted Asparagus with Caramelized Onion Vinaigrette and Roasted Yukon Potatoes with Fresh Thyme Butter
7:45 – 8:45 PM	<b>Poster Session with Desserts</b> Mini Key Lime Pie Pastries Chocolate Raspberry Torte
Cost	This meeting & meal are graciously being sponsored by the Research & Development department at The Scotts Company. Due to space constraints, this meeting is <b>limited to 80 guests</b> .
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: <a href="mailto:acscols@wowway.com">acscols@wowway.com</a> or use the <a href="#">Meeting Reservation Form</a> on the Section's website.
*Voicemail/e-mail Reservations Template	<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.</li> <li>• Employer</li> <li>• Your choice of entrée: Chicken, Flank Steak or Squash Quinoa Pie</li> <li>• Please indicate if you will join us for the <u>Dinner &amp; Program</u> OR <u>Program Only</u></li> <li>• Your phone number, in case we need to contact you.</li> </ul>
Reservation Deadline	<b>Monday, May 14, 2012 at noon.</b> <b>Please note this meeting attendance is limited to 80 guests so RSVP early!</b>
Program Contact	<b>Natalie Chilicki</b> , 614-961-0452; <a href="mailto:natalie.chilicki@yahoo.com">natalie.chilicki@yahoo.com</a>
Directions & Parking	<p><b>From South &amp; East (Columbus):</b>            Take I-270 to OH-33 West (on the northwest corner of Columbus). Continue on OH-33 West to Scottslawn Road. Exit at Scottslawn Road and turn left at the end of the exit ramp. Continue past the corporate building and Kelly Swartz Center as well as Lee Herron Medical Center. Turn right into the Research &amp; Development parking lot. See below for parking instructions.</p> <p><b>From the West (Dayton):</b>            Take I-70 East to OH-42 North. Exit OH-42 North toward Plain City. Continue on OH-42 North until Industrial Parkway. Turn left on Industrial Parkway. Continue approximately 5 miles until Scottslawn Road. Turn right on Scottslawn. Turn left into the Research &amp; Development parking lot. See below for parking instructions.</p> <p><b>From the North (Delaware):</b>            Take US-42 South to OH-33 West. Continue on OH-33 West to Scottslawn Road. Exit at Scottslawn Road and turn left at the end of the exit ramp. Continue past the corporate building and Kelly Swartz Center as well as Lee Herron Medical Center. Turn right into the Research &amp; Development parking lot. See below for parking instructions.</p> <p><b>Parking:</b>  <b>Parking at the greenhouse is reserved for handicapped parking for this meeting due to the limited number of spaces available. Please park in the lot near the red storage barns and R&amp;D building and walk to the greenhouse.</b></p>

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## ABOUT THE PRESENTERS

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**Jen Mahoney** has a B.S. from Miami University in Chemistry and an M.S. in Organic Chemistry from Wright State University. She is currently the Treasurer Elect for the Columbus ACS Chapter. Jen has been with Scotts for two years and works with the WaterSmart grass seed coatings, liquid fertilizers and herbicides.



**Rob Radabaugh** has spent the last 15 years working at the Scotts Miracle Gro Company as a formulations scientist. His current position is Manager of Global Natural Product Development overseeing the Elementals, Organic Choice and Whitney Farms product line domestically.



**Jack Schmansky** holds a Bachelor of Science degree in Molecular Genetics and has 14 years of experience at The Scotts Company. His current position is the Elementals Lead Senior Scientist for Analytical Research Laboratory at Scotts.



**James Chia** is a chemical engineer working at Scotts Naturals R&D. He is experienced in solid and liquid pest control technologies using natural-based formulations.



**Priscilla Powers** is a Senior Research Scientist leading the separations team in the Analytical Research Lab. She has been working in method development at Scotts for the past 15 years.



**Bruce H. Caldwell** is Vice President and Global R&D Leader for Scotts-MiracleGro, the world's largest Lawn and Garden consumer goods company. In this capacity, Caldwell directs a global research organization in the creation and delivery of innovative products which improve consumers' quality of life by enabling them to create beautiful and healthy lawns and gardens.

Caldwell joined Scotts-MiracleGro in 2006 as Senior Director, R&D with responsibility for formulation and process design for all consumer lawn and garden products. He held roles of increasing responsibility leading to the position of Global Leader of R&D in 2011.



Caldwell holds a bachelor's degree in chemical engineering from the Georgia Institute of Technology and a masters in business administration from The University of Cincinnati. As an MBA candidate he led a team developing a new technology business plan which won the Fisher Business Plan competition and the Kiwanis New Business Builder competition, and served as president of the startup company.

**WELCOME NEW MEMBERS!**
*By DAVID SPETH, CHAIR-ELECT AND 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.

**KATIE ALBANESE**  
**MARK ALLENBY**  
**VERONICA ANGELES**  
**TYLER AUVIL**  
**MARK BAHAR**

**JASON GAFFGA**  
**WEI GONG**  
**MELISSA LEHMAN**  
**MARION MEYER**  
**BEN NAMAN**

**KRISTIN REBER**  
**NICK SELNER**  
**MICHAEL SEVERANCE**  
**BENNETT THOMPSON**  
**ZHEN YU**

**COLUMBUS SECTION ACS CALENDAR OF EVENTS**

Year	Month	Date	Day	Location	Comments
2012	May	14	Mon		Noon: Deadline for reservations for May, 2012 Section meeting.
2012	May	22	Tue	The Scotts Company	Monthly Section Meeting and Poster Session. See details elsewhere in this issue of <i>The Chemical Record</i> .
2012	June	5-9	Tue-Sat	Dearborn, MI	 43 <sup>rd</sup> ACS Central Regional Meeting. This is the first time the Central Regional Meeting has been held in Metro Detroit since 1974. See announcement elsewhere in this issue of <i>The Chemical Record</i> .
2012	August	19-23	Sun-Thu	Philadelphia	24 <sup>th</sup> ACS National Meeting and Exposition
2012	October	21-27	Sun-Sat	Here, There, Everywhere	 National Chemistry Week (NCW). Stay tuned for information on Columbus Section activities and volunteer opportunities!
2012	October	27	Sat	Columbus Metropolitan Library Main Branch, 96 South Grant Avenue	NCW chemistry demonstrations for children of all ages. Volunteers are needed; contact Professor John Blaha ( <a href="mailto:Jblaha@cscce.edu">Jblaha@cscce.edu</a> ) for more information.

*Have a very SAFE and ENJOYABLE Summer!*



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CONTINUE YOUR EDUCATION WITH ACS SHORT COURSES  
FROM THE ACS WEBSITE

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Editor's Note: Please visit [proed.acs.org](http://proed.acs.org) to obtain additional information or register for these courses.



# VALUABLE TRAINING FROM A TRUSTED SOURCE

## Short Courses

Cincinnati, OH

June 25 - 28

Why Take a Short Course in Cincinnati?

The American Chemical Society offers a variety of resources for professional chemists to continue with their education. One of the most popular programs we offer is our series of short courses designed to help chemical scientists and technicians keep current in today's competitive marketplace. Attendees find the content of these courses contain a wealth of material that is immediately applicable to their work.





## Featured Courses

### **Chemical Engineering and Process Fundamentals for Chemists**

June 25 - 26

This course will help chemists and other scientists bridge the gap between the research lab and the plant.

### **Dispersions in Liquids: Suspensions, Emulsions, and Foams**

June 25 - 26

Help solve your colloidal, foam, and dispersion problems in this course designed for scientists and engineers engaged in research and development in the chemical, petroleum, coatings, food, electronics, pharmaceutical, cosmetics, and ceramics industries.

### **Statistical Analysis of Laboratory Data**

June 25 - 27

Master the fundamentals of laboratory data treatment to solve data analysis problems.

### **Laboratory Safety**

June 27 - 28

Learn best practices to minimize personal injury, health impairment, property loss, fines, and liability in your laboratory.

### **Polymeric Coatings**

June 27 - 28

This course covers contemporary coatings science topics. You will learn about technology that helps you understand and solve coatings needs while also meeting existing environmental regulations.

### **Practical Applications of Mass Spectrometry for Small Molecules**

June 27 - 28

This course develops from a comprehensive focus on understanding the fundamentals of the most widely used mass spectrometers and sample inlet technologies.

### **Recent Developments in Organic Synthesis**

June 27 - 28

In two days, this course will bring you up-to-date by summarizing and putting into perspective the most important recent developments..

### Upcoming ACS Short Courses

ACS Short Courses are held in various cities across the nation so no matter where you live, you can

further your knowledge with ACS.

**Philadelphia - In Conjunction with ACS National Meeting**  
August 18 - 22

**Kansas City, MO**  
September 29 - 30

**Chicago, IL**  
October 2 - 4

**San Francisco, CA**  
November 5 - 8

**Houston, TX**  
December 2 - 6

For more information and updated courses visit our [website](#).

Follow us on Twitter @ACS\_ProEd



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### 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. *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, **David Speth**, 614-688-5162, [drspeth@sbcglobal.net](mailto:drspeth@sbcglobal.net). David will forward the change-of-address information to ACS Headquarters.

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### 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.

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### PLEASE SUPPORT OUR SPONSOR...

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