

THE OCTAGON



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Lehigh Valley Section of the American Chemical Society

In This Issue:

First Fall Meeting	1	Submissions to the Octagon	2
Upcoming meetings	2	2011 LVACS Officers	2
		News from National ACS	3-4

Next Meeting

Thursday September 8, 2011
Lafayette College

Date: September 8, 2011

Event Location: Faculty Dining Hall, Marquis Hall, Lafayette College

Reception: 5:30, cheese, fruit, fresh garden crudites

Dinner: 6:00 PM

Meeting: Business Meeting at the conclusion of dinner

Talk: 7:30, Hugel Science Center, Jaqua Auditorium (Rm 103)

Menu: Buffet: entrees - grilled Szechuan marinated flank steak, chicken mascarpone, and wild mushroom risotto w/spinach & sundried tomato;

sides - green beans with carrots and red peppers, roasted potatoes; dessert - marble chocolate chip cake

Cost: \$20, students and retirees \$10

Contact: Debbie Bastinelli at 610-330-5213 or bastined@lafayette.edu by September 2

Map and Directions on the web at:
<http://www.lafayette.edu/visit/maps-directions/>
<http://www.lafayette.edu/visit/maps-directions/campus-map/>

Speaker: Professor Paul Chirik
Edward S. Sanford Professor of Chemistry at Princeton University

Title and abstract: TBA - please check LVACS website. Information will be posted as soon as it is received.

2011 Fall LVACS Meetings

October 4, Penn State Berks

November 1, Northampton Community College

December 1, Lehigh University

Submissions to the Octagon

LVACS members, we want to know about what you do! Please submit pieces of interest to the chemistry community for publication in the Octagon. Articles about chemistry or science in the Lehigh Valley are always welcome. Let us know about upcoming events, educational opportunities or job openings.

The Octagon is published eight times per academic year, September through May. Each issue generally arrives three weeks before a section meeting. Thus the deadline for submissions is approximately one week earlier. Please email the editor at lvacs@verizon.net for specific questions about deadlines for any issue. Email submissions to lvacs@verizon.net

A note about formatting:

Please submit text as simple .txt files, or you may paste the text into an email. If you use later versions of MS word please do not submit documents as .docx files. I cannot always read all content in .docx formatted files. It would be best to use the "save as" option, generally found under the file menu, to save the document as .txt. Also images embedded (pasted) in MS word (particularly later versions) are problematic to extract and put in the newsletter while retaining good image quality. Whenever possible, please submit images in a standard format such as .jpg, .jpeg, .gif, .tiff or .bmp as individual files, rather than embedded within a document. If the placement of images is critical you could submit two versions (one embedded so that I can see where you would like images placed) and the other as separate files so that I may maintain figure resolution.

LVACS Officers - 2010

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Are you an industry professional who wants to be more involved with ACS?

The ACS is launching a new program based in two topic areas: Toxicology for the Scientist and Separation Science and we need your content! We are looking for the best and brightest as well as the new and hypothetical. If you have authored an impressive paper, article or lecture slide set or created a high-quality image, graphic, animation, illustration or video in either of these topic areas, we want to see it. Contact us at projectX@acselearning.org with your ideas.

Smart Phone User? Get Involved, Stay Involved Local Section Mobile App Now Available!



There is now a smart phone app (iPhone and Android compatible) tailored to the needs of local section leaders and their engaged members. Please see instructions below.

First, install the ACS Network App (optional but highly recommended):

Go to <https://bitly.com/acsnwtk> and bookmark the app on your mobile device.

1. Tap the bookmark icon.
2. Choose "Add to Homescreen".
for Android (from your browser)

1. Press Menu
2. Select Add Bookmark.
3. Press Menu again, Select Bookmark
4. Long press the ACS Network Bookmark and Select "Add Shortcut to Home"

Once you've installed that, go to <http://www.widgetbox.com/mobile/app/local-sections> to install the Local Section app.

Questions, feedback and comments are most welcome.

Help a Teacher in Your Community



Who inspired you to be a scientist? Inspire the next generation by partnering with a middle or high school science teacher this school year.

Assist a teacher by answering questions from students, planning instructional demonstrations, or assisting students as they conduct a lab. ACS will donate \$500 to the school where you volunteer so that you and your partner teacher can purchase science supplies to support your projects.

Find out more at www.acs.org/ScienceCoaches. Contact ACS staff at ScienceCoaches@acs.org with questions and to enroll in the program. Participation is limited to 75 coach-teacher teams this year and enrollment ends on Monday October 31st, 2011.

ACS Announces its 2011 Class of ACS Fellows
Congratulations to the 213 members who have been named as 2011 ACS Fellows. The list is published in the August 8 issue of C&EN. The Fellows represent 33 technical divisions and 83 local sections and reflect a wide range of disciplines and geographic locations. Information about the ACS Fellows Program is available at www.acs.org/fellows. The window for nominating candidates for the next class of ACS Fellows will open in the first quarter of 2012.

Calling All ACS Tweeps

Fans of the social networking site Twitter who want to join the discussion about the Fall 2011 ACS National Meeting & Exposition in Denver should follow @ACSNatlMtg and be sure to use the hashtag #ACSDenver to mark and track tweets about the national meeting.

2011 ACS President's Challenge

Thank you for helping spread the word about the benefits of ACS membership. In 2011, over 4,200 new members have been recruited through the ACS President's Challenge.

However we're not done yet! ACS has three different resources to help us keep up the good work.

Worldwide.ACS.org - to help recruit international members

GradStudent.ACS.org - to help recruit graduate students and postdocs

Undergrad.ACS.org - to help recruit undergraduate students

ACS meetings and events are the perfect opportunity to help bring in new members for our local sections and divisions. For full details about the President's Challenge, visit www.acs.org/MAC.

USA Team brings gold and silver from 43rd International Chemistry Olympiad

U.S. National Chemistry Olympiad program would like to proudly announce the success of the Alpha Delta Team at the 43rd International Chemistry Olympiad competition, which concluded July 18, 2011 in Ankara, Turkey.

U.S. Team students:

Konstantin Borisov of North Allegheny Senior High School, PA, won Gold Medal

Tayyab Shah of Vestal High School, NY received Silver Medal

Elmer Tan of Vestal High School, NJ earned Silver Medal

Joe Tung of Gretchen A. Whitney High School, CA won Gold Medal.

The USA Team students competed against 269 students from 69 countries.

Ohio Supreme Court to Hear Arguments in Leadscope Case on September 7, 2011

ACS petitioned the Ohio Supreme Court on July 30, 2010 to hear arguments in the ACS v. Leadscope case. Specifically, ACS sought review of the June 15, 2010 decision of the Ohio Court of

Appeals (Tenth District) which affirmed an adverse judgment entered by the Franklin County Court of Common Pleas.

On October 27, 2010, the Ohio Supreme Court granted ACS's request and agreed to hear the ACS appeal. On February 28, 2011, the ACS filed its Brief urging the Court to reverse the decisions of the trial court and the Court of Appeals. At the same time, several Ohio organizations submitted briefs in support of ACS's appeal. Three "friend of the court" briefs were submitted asking the Ohio Supreme Court to grant the relief ACS seeks:

The Ohio Attorney General (on behalf of the State of Ohio), The Ohio State Bar Association, The Ohio Chamber of Commerce, Ohio Manufacturers' Association, and Ohio Council of Retail Merchants ACS is both pleased and encouraged to have the support of the Ohio Attorney General and the four respected Ohio organizations in this matter.

In April 2011, the Leadscope defendants filed two motions seeking to dismiss the appeal of ACS. The Ohio Supreme Court denied their motions in June 2011 and has set oral argument in this case for September 7, 2011. ACS looks forward to the opportunity to present our arguments before the Ohio Supreme Court.

Innovation, Chemistry, and Jobs



We have developed a report titled, Innovation, Chemistry, and Jobs, detailing steps to create economic growth, generate revenue, and add new jobs in one of our nation's most valuable scientific sectors — chemistry. The report focuses on entrepreneurship as a pathway to major job creation. It will be released

at a press conference on August 29, 2011, during the Denver National Meeting. A webinar on August 30, will focus on the key aspects.