



# ALI "QUOTES"

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THE NEWSLETTER OF THE PRINCETON ACS

January/February

Website <http://www.princeton.edu/~pacs>

## 2012 PACS Executive Officers & Committee Chairs

### Chair:

Steve L. Bernasek  
[sberna@princeton.edu](mailto:sberna@princeton.edu)

### Chair-Elect:

Jim DeNoble  
[james.denoble@dep.state.nj.us](mailto:james.denoble@dep.state.nj.us)

### Past Chair:

Randy A. Weintraub  
[weintraubr@gmail.com](mailto:weintraubr@gmail.com)

### Treasurer:

David Carrick  
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### Secretary & Chemagination:

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[b4chemistry@gmail.com](mailto:b4chemistry@gmail.com)

### Councilor (2012-14):

Sharon Sibilila  
[sjsibilila@gmail.com](mailto:sjsibilila@gmail.com)

### Councilor (2011-13), AliQuotes, Public Relations:

Louise Lawter  
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### Alt. Councilor (2012-14):

Jay Wrobel  
[jaywrobel@gmail.com](mailto:jaywrobel@gmail.com)

### Alt. Councilor (2011-2013) & Environmental Improvement:

Jim DeNoble  
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## Upcoming Dinner Meetings

**Monday, January 30, 2012**

*our guest speaker will be*

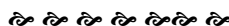
**Kyle Teamey**

CEO, Liquid Light Fuels, LLC.

Social mixer, 5:30 pm in Frick Laboratory, Princeton University. Presentation, 6:30 pm in the Auditorium followed by dinner in Taylor Commons.

## **Reservations**

The meeting will be held in Frick Laboratory, Princeton University. The social mixer will begin at 5:30 pm in Taylor Commons (the atrium). The lecture will be held in the Auditorium at 6:30 pm followed by dinner in Taylor Commons. Frick Laboratory is located at the east end of the pedestrian bridge on Washington Rd, adjacent to the Weaver Track and Field Stadium. Parking is available in Lot 21, corner of Faculty Road and Fitzrandolph Road or other lots along Ivy Lane (see [www.princeton.edu/main/visiting/](http://www.princeton.edu/main/visiting/) for other parking options). The seminar is free and open to the public. Reservations are required for dinner, which is \$20 (\$10 for students). Please contact Louise Lawter at [louise.lawter@gmail.com](mailto:louise.lawter@gmail.com) or 215-428-1475 by January 24 to make reservations. Reservations must be canceled no later than January 28 to avoid being billed for the dinner.



**Thursday, February 23, 2012**

*our guest speaker will be*

**Ryan Davison, Ph.D.**

Manager, Advocacy, American Chemical Society

**"Federal Policy Update: Activities of Lawmakers and the  
ACS Advocacy Team in Washington"**

Social mixer, 5:30 pm in Frick Laboratory, Princeton University. Presentation, 6:30 pm in the Auditorium followed by dinner in Taylor Commons.

## Abstract

It is challenging to write a specific abstract 3 months ahead of time because the content of what would be most valuable to share with ACS member's from Capitol Hill changes on a weekly basis. In general, I will provide an overview of the current political climate here in DC, offer an update of ACS Advocacy efforts, and discuss current federal legislation relevant to ACS members. Based on feedback from previous presentations, these topics are of the most interest and value to ACS members. Other topics might include appropriation levels for FY2012 and FY2013, insights about the 2012 GOP primary/presidential election, the ACS's desire to make the federal Research and Development Tax Credit permanent, and the need to extend the Small Business Innovation Research (SBIR) and Small Business Technology Transfer

## Biography

Ryan is currently a senior policy associate at the ACS where he advocates for legislation that supports the chemical sciences. Most of his time is spent on Capitol Hill meeting with lawmakers and their staff, attending Congressional hearings, and monitoring bills relevant to the ACS. Ryan possesses a Ph.D. in Neuroscience from the University of Alabama at Birmingham (UAB), allowing him to personally highlight the importance of science research to Congress, which is overwhelmingly dominated by individuals with backgrounds in business and law. Before joining the ACS Ryan served as a Science Policy Fellow at the National Academy of Sciences, a Biosecurity Analyst at the Federation of American Scientists, and an adjunct science professor at George Washington University.

## Reservations

The meeting will be held in Frick Laboratory, Princeton University. The social mixer will begin at 5:30 pm in Taylor Commons (the atrium). The lecture will be held in the Auditorium at 6:30 pm followed by dinner in Taylor Commons. Frick Laboratory is located at the east end of the pedestrian bridge on Washington Rd, adjacent to the Weaver Track and Field Stadium. Parking is available in Lot 21, corner of Faculty Road and Fitzrandolph Road or other lots along Ivy Lane (see [www.princeton.edu/main/visiting/](http://www.princeton.edu/main/visiting/) for other parking options). The seminar is free and open to the public. Reservations are required for dinner, which is \$20 (\$10 for students). Please contact Louise Lawter at [louise.lawter@gmail.com](mailto:louise.lawter@gmail.com) or 215-428-1475 by February 17 to make reservations. Reservations must be canceled no later than February 22 to avoid being billed for the dinner.

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## PACS 2012 Election Results

The 2012 Princeton Section Elections were conducted electronically for the first time this past October. There was a major increase in member participation using the new method - 114 electronic ballots and 10 paper ballots were cast.

Our new 2012 officers are:

Chair Elect	Jim DeNoble
Secretary	Barbara Ameer
Treasurer	David Carrick
Councilor (2012-2014)	Sharon Sibilia
Alt Councilor	Jay Wrobel

They join current members of the Executive Committee Steve Bernasek, 2012 Chair and Louise Lawter, Councilor (2010-2013).



## PACS Survey Results

The PACS Executive Committee is always looking for ways of enhancing our meetings and activities and ensuring that they meet the needs of our membership. To that end, a member survey was conducted this past November. The results have now been tabulated. We had a total of 50 respondents, about 40% of which had not attended a meeting this year and the remaining had attended at least one. Over 50% of the respondents had attended 3-4 meetings. Some of the key findings were:

- The type of meeting that was most preferred was seminar and mixer, with seminar, mixer and dinner a close second.
- Weekday evenings are the preferred meeting time.
- Seminars relevant to their fields of interest and networking the primary reasons members attend.

Good input on topics and ideas for future meetings was received. These will be reviewed at the next board meeting and incorporated into 2012 meetings and beyond. Look on our website for complete survey results.

Thanks to all the members who took the time to participate in our survey.



### PACS National Chemistry Week Celebration a Success

The Princeton Section of the American Chemical Society held its 2011 National Chemistry Week Celebration Friday evening, October 21 from 7pm - 9pm. It was our inaugural NCW event in the new Frick Laboratory, Princeton University.

This year's theme was "Chemistry - Our Health, Our Future!" corresponding with the fourth theme of the International Year of Chemistry. With the help of volunteers from Princeton University, our Princeton ACS Section, and Princeton High School teachers Carol Lee and Janine Giammanco and 45 Princeton High School chemistry students, event coordinators Kitty Wagner and Allen Jones organized 19 demonstrations and hands-on activities around the NCW theme. These included studying effective ways of washing hands, measuring hair thickness with a laser, using LED diffraction to show how our eyes blend colors to make white, how to measure chloride ion in water and studying antacid action with a red cabbage indicator.

There was a full house with an estimated 400 visitors from the community. Based on the many positive comments received from the departing guests, a good time was had by all. Many thanks to all the volunteers who made this event a success again this year!

## Photo Gallery



Full House



Clean Hands!



Building Molecules

## Chemagination 2012

High school educators of honors and/or advanced placement level chemistry came together at Frick Laboratory, the new chemistry building at Princeton University, on October 25th to learn about the Chemagination contest.

The competition preparation begins early in 2012 and culminates in a poster contest at Princeton University in mid-April. Student teams that place first in each of the 4 categories of Chemagination (Alternative Energy Sources, Environment, Medicine/Healthcare, and New Materials) will have the opportunity to compete at the regional level of the competition in June.

The 2012 Chemagination Coordinator, Barbara Ameer invites high school science teachers who want to launch the Chemagination contest in their school to express their intent by sending an email to [b4chemistry@gmail.com](mailto:b4chemistry@gmail.com), by January 12<sup>th</sup>.

## ACS Webinars™

is a weekly online event. Each webinar is 60 minutes in length, comprising a short presentation followed by Q&A with the speaker. The live webinars are held on Thursdays from 2-3pm ET. Recordings of the webinars are available online and upcoming events are posted at <http://acswebinars.org/events>.

**Thursday, February 2, 2012 | 2pm-3pm EST**, *“Write Well and Prosper – Science Writing Tips”*, Speaker: Dr. Kristin Sainani, Stanford University

**Thursday February 9, 2012 | 2pm-3pm EST** *“Is Love in the Air? Human Pheromones and Axillary Chemistry”*, Speaker: Dr. George Preti, Monell Chemical Senses Center

**Thursday Februar 16, 2012 | 2pm-3pm EST**, *“Top Five Chemistry Tips for the Kitchen”*, Speaker: Dr. Guy Crosby, America’s Test Kitchen

**Thursday February 23, 2012 | 2pm-3pm EST**, *“EXTREME CHEMISTRY: Secret Science of Movie Stunts and Special Effects”*, Speaker: Steve Wolf, Science in the Movies

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### Tuesday, January 10, 2012

Princeton ACS Executive Committee will meet in room 381 in Frick Laboratory from 6-8pm on Tuesday January 10, 2012. The meeting is open to any interested members. Please contact Louise Lawter at [louise.lawter@gmail.com](mailto:louise.lawter@gmail.com) if you plan to attend.

### Chemical Consultants Network - February 8, 2012, 7:30 PM

**“Effective Powerpoint Presentations”**. Speaker: Tim Malloy. Tim has been providing presentation coaching for over 15 years. Location: Cynwyd Club, 332 Trevor Lane, Bala Cynwyd, PA. Networking, 5:30 pm; Dinner, 6:30 pm; Talk and Business Session, 7:30 pm. To make or cancel a dinner reservation, e-mail [CCNReservations@aol.com](mailto:CCNReservations@aol.com) or call the ACS office at 215-382-1589. For more information see [www.chemconsultants.org](http://www.chemconsultants.org).

### North Jersey Drug Metabolism Discussion Group (NJDMDG): Thursday, 26 April, 2012

The Spring Symposium and Vendor Exhibition of the North Jersey Drug Metabolism Discussion Group (NJDMDG) will be held on Thursday, 26 April, 2012 from 8:00am to 4:00pm at the Somerset Crowne Plaza Hotel, 110 Davidson Avenue, Somerset, NJ. Registration information can be found on the website, <http://njacs.org/drugmet.html>, and additional details will be posted when the program is finalized.