



ALI "QUOTES"

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THE NEWSLETTER OF THE PRINCETON ACS

March/April

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

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Upcoming Dinner Meetings

Tuesday, April 3, 2012

our guest speaker will be

Abigail Doyle, PhD

Princeton University, Department of Chemistry

"The Development of Catalytic Methods for Nucleophilic Fluorination."

Location:	Frick Laboratory, Princeton University
Social mixer:	5:30 pm in CaFe area, Taylor Commons
Presentation:	6:30 pm in the Auditorium
Dinner:	following presentation, in CaFe,

Biography

Abigail Doyle was born in Princeton, NJ in 1980. She received her A.B. and A.M. summa cum laude in Chemistry and Chemical Biology from Harvard University in 2002. As an undergraduate, she investigated iron-catalyzed epoxidations of alkenes in collaboration with Dr. Christina White. She began her graduate studies at Stanford University working with Professor Justin Du Bois on the development of gold catalysts for the hydration of unactivated alkenes. In 2003, Abby moved to Harvard University and joined the laboratory of Professor Eric Jacobsen. Her graduate research included the discovery of a transition metal-catalyzed enantioselective alkylation of tributyltin enolates with alkyl halides and the development of a thiourea catalyst for enantioselective nucleophilic additions to prochiral oxocarbenium ions. Abby began as an Assistant Professor in the Department of Chemistry at Princeton University in July 2008. She is the recipient of the 2011 New Investigator Award in Organic Chemistry from Boehringer-Ingelheim, and was recently named an Alfred P. Sloan Foundation Fellow. Abby and her group have made significant contribution in the area of asymmetric nucleophilic C-F bond formation, and nickel catalyzed cross-coupling reactions.

Reservations

The meeting will be held in the new Frick Laboratory, Princeton University. The social mixer will begin at 5:30 pm in the CaFe area of Taylor Commons. The lecture will be held in the Auditorium at 6:30 pm followed by dinner in Taylor Commons (CaFe area). 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/ 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 or 215-428-1475 by March 27 to make reservations.

Tuesday, May 1, 2012

our guest speaker will be

Celeste Rohlifing, PhD

Deputy Assistant Director for Mathematical and
Physical Sciences at the National Science Foundation

“Work/Life Balance Initiatives at the NSF”

Location: Frick Laboratory, Princeton University
Social mixer: 5:30 pm in CaFe, Taylor Commons
Presentation: 6:30 pm in the Auditorium
Dinner: following presentation, in CaFe,

Abstract

The abstract of Celeste Rohlifing is not yet available but
in the interim she recommends reading this article:

“The Next Step for Female Scientists”

By Mary Ann Mason

"The folks at the NSF understand that you shouldn't be penalized or lose a chance to advance in your career because you are taking care of a new child or a mom or dad who's gotten sick," said Michelle Obama in a White House speech announcing a 10-year plan to help men and women balance research careers with their personal lives.

The new plan from the National Science Foundation includes a "stop the clock" provision on its grants, allowing scientists to defer or suspend their grants for up to year to accommodate childbirth or adoption. The plan also includes a salary supplement to help pay for a research technician to step in when a grant's principal investigator is on parental leave.

See <http://chronicle.com/article/The-Next-Step-for-Female/130717/?sid=at&utm> for the complete article.

Biography

Celeste earned her PhD at Princeton University, Department of Chemistry, doing theoretical studies with Professor Lee Allen. She has been at the NSF for several years, and before that at Sandia National Labs.

Reservations

The meeting will be held in Frick Laboratory, Princeton University. The social mixer will begin at 5:30 pm in the CaFe area of Taylor Commons. The lecture will be held in the Auditorium at 6:30 pm followed by dinner in Taylor Commons (CaFe area). 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/

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 or 215-428-1475 by April 25 to make reservations. Reservations must be canceled no later than April 30 to avoid being billed for the dinner.



Help Wanted for PACS Website

Do you have a few hours a month available to help keep our website up to date by uploading new announcements and adding & deleting other postings? It is a good way to help the section while learning or maintaining skills in website management. Please contact Louise Lawter at louise.lawter@gmail.com if you are interested in volunteering or learning more.

Pizza Is Served for Earth Day!

Earth Day is Sunday April 22. Our Pizza and Movie Night was a great success last year and we will be repeating the event to celebrate the day. This year's ACS theme is "Recycling - It's Easy to be Green".

The Earth Day Movie Night is being planned for 5:00 pm – 8:00 pm, April 22 in the new Frick Chemistry building. An updated announcement will be sent out later in the month. You can also contact Earth Day Coordinator, Sharon Sibilia at sjsibilia@gmail.com for more information.



**Fostering Sustainability In Princeton –
Seeking Volunteers**

A Princeton Section committee is being formed to design a program around the general theme of "Sustainability in Princeton". One idea being pursued is a way of encouraging sustainability in area schools. An ACS Innovative Projects Grant will be submitted to fund this project. Deadline for grant submission is June 30, 2012. If you have a project idea, are interested in helping out, or learning more about the project, please contact Sharon Sibilia at sjsibilia@gmail.com. She is eager to hear from you!





"Chemagine-Nation"

Princeton University is the destination for the 20 teams of science students from across NJ who entered the Chemagination competition. Kudos to the high school teachers who are nurturing curiosity and imagination. A masterful team of judges, under the leadership of immediate past PACS Chair, Randy Weintraub, is gearing up for the contest. Together the students, teachers, expert judges, and local section volunteers make up "Chemagine-Nation"! See you on April 14th.

Barbara Ameer
Committee Chair and Chemagination Coordinator for PACS



Considering a Career as a High School Chemistry Teacher?

by Kate Sellar, ACS

The American Chemical Society (ACS) can help you pursue your dream of becoming a high school chemistry teacher with the ACS-Hach Second Career Teach Scholarship. The ACS-Hach Second Career Teach Scholarship is awarded to professionals with work experience in chemistry-related fields.

Scholarship recipients receive up to \$6,000 for full-time study and up to \$3,000 for part-time annually. Applications are due on April 1, 2012. Learn more about this exciting scholarship program at www.acs.org/hach.



Seeking Volunteers for Dutch Neck Elementary School – Science Day

The Princeton Section has been invited to participate in the Dutch Neck Elementary School – Science Day on Friday, April 20, 2012 from 8:30 am until 3:00 pm.

Volunteers are needed. If you can help for all or just a portion of the day, please contact Louise Lawter at louise.lawter@gmail.com.

We are planning some hands-on activities for 1st-3rd graders, which involve having the students "analyze" various powders and then using the results to identify an "unknown". We will repeat these for 5 classes with 20-25 students/class. Dutch Neck Elementary School is located at 392 Village Road East, West Windsor, NJ 08550 609-716-5400

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 EST. Recordings of the webinars are available online and upcoming events are posted at <http://acswebinars.org/events>.

Thursday, March 1, 2012, 2pm-3pm EST, *Secrets from the Other Side...What Recruiters Know that You Don't*, Interviewing, that last step to employment that we must master. But how? You've read the books, watched the videos, been groomed by mentors, but still don't feel confident. Speaker: Dr. Dennis Guthrie, The Dow Chemical Company

Tuesday March 6, 2012, 2pm-3pm EST, *Tips for Creating High Impact Scientific Poster Presentations*, In the scientific community, poster presentations are an important tool in communicating research – a dynamic poster can build your reputation and create interest in your work. After years of research, trials, and collecting data, how do you pull it all together to create a dynamic poster presentation that gets you remembered? Speaker: Dr. Brent Znosko, Saint Louis University

Thursday March 15, 2012, 2pm-3pm EST, *FOOD CHEMISTRY: More Advanced Beer and Brewing – Tips, Tricks, and Tidbits You Wish You Knew*, "Brewing is mankind's oldest biotechnology. These days it is a sophisticated operation, based on an in-depth understanding derived from a range of scientific disciplines. Yet it retains the charm of an art form appreciated by billions of people the world over." Speaker: Dr. Charlie Bamforth, UC Davis

Thursday March 22, 2012, 2pm-3pm EST, *EXTREME CHEMISTRY: Designer Babies*, "Do you want a boy or a girl?" That question is now only one of many variables soon-to-be parents could choose from. Again, technology takes us to the outer realm where parents no longer have to wish for certain traits, but can plan for them through genetic engineering. Speaker: Dr. Darren Griffin, University of Kent, UK



You are cordially invited to participate in **MARM 2012**. **Registration and Abstract Submission are now both open at the website!** Visit the website at <http://www.marmacs.org/2012>.

The 43rd Middle Atlantic Regional Meeting (**MARM 2012**) of the American Chemical Society will be held from Thursday, May 31 to Saturday, June 2, 2012. Hosted by the Maryland Local Section, the meeting will take place at the University of Maryland Baltimore County in Baltimore, MD. Many exciting and informative symposia and events are being planned.

Be part of this special event with speakers from industry, education and government at a variety of TECHNICAL AND POSTER SESSIONS: <http://www.marmacs.org/2012/program.html>.

Symposia will focus on: • Analytical, Biological, Physical, Organic, and Inorganic Chemistry • Chemistry of Renewable Energy • Environmental Chemistry of Water, Air, and Soil • Food and Sensory Chemistry • Nanotechnology: Materials and Environmental, Health, and Safety • Advances in Separations and Characterization of Biologicals • Fluorescent Molecules for Imaging and Measurements • Metabolic Engineering of Microorganisms.

Meeting Highlights will include: • A presentation by Remsen Awardee Dr. Daniel G. Nocera • Workshops on Career Development • Chemical Entrepreneurship • Analytical Instrumentation Methods • Education Events-Vendor Exhibitions • WCC Luncheon • Student member events • YCC events. The deadline for submitting abstracts to participate in sessions is April 15.



2012 Mercer Science and Engineering Fair

Judging on Sunday March 11 and Monday March 12.

Judges Needed - Contact Bob Bushar at rbushar@hiltonrealtyco.com.

Judging for this year's fair will once again be held in the Rider University Student Center, Cavalla Room in Lawrenceville, NJ, on Sunday March 11 and Monday March 12. The judging on Sunday March 11 will be from 5:00 pm to 7:00 pm and will consist of pre-judging for Senior projects and judging for Elementary and Junior projects. The judging on Monday March 12 will be from 8:00 am to 1:00 pm and consist of Senior judging and interviews, judging for Elementary and Junior projects for those who can't attend on Sunday and all other special awards judging. The traditional continental breakfast and luncheon will be available on Monday March 12.

🔗🔗🔗 2012 EVENTS & NOTICES 🔗🔗🔗

Chemical Consultants Network, Wednesday, March 14

“Self-Image Tune-Up: How to Overcome Psychological Barriers to Personal Performance”

Marc Halpern will first show the simple relationships between self-talk, self-image and personal performance. 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 or call the ACS office at 215-382-1589. For more information on the meeting see www.chemconsultants.org.

CAALS-2012 – Chemistry as a Life Science Symposium, Friday March 16

Friday March 16, 2012, 7:30 am - 5:30 pm, The Paul Robeson Campus Center, Rutgers, The State University of New Jersey, Newark, NJ. Event is free and open to the public. Distinguished invited speakers: Laura Kiessling- University of Wisconsin-Madison, Marisa Kozlowski- University of Pennsylvania, Kevan Shokat- University of California-San Francisco, Erik Sorensen- Princeton University, Brian Stoltz- California Institute of Technology and Jin-Quan Yu- The Scripps Research Institute

Further information regarding the symposium will be added to the website for the North Jersey Section of the American Chemical Society as it becomes available. Due to limited seating, advance registration is required.

<http://www.njacs.org/caals2012.html>

The HEL Road Show, Thursday, March 22

Location: Courtyard, Newark NJ Airport. This is a free event. Learn and explore, hands on, how HEL automates a range of chemistry applications. Come for all or part of the day. There will be range of sessions which will be covering the following topics: crystallization, parallel synthesis, high pressure reactions, flow chemistry.

Furthermore, visitors to the HEL Road Show can enter a raffle draw, where the lucky winner can win a Kindle Fire! For further information on this and details on the topics covered, or to RSVP, go to WWW.HELGROUP.COM. You can also e-mail us at julie@hel-inc.com or call 609-912-1551.

The 243rd ACS National Meeting & Exposition, March 25–29

ACS Spring National Meeting, San Diego Convention Center, San Diego, CA; Theme – “Chemistry of Life”. See acs.org for more information.

Southeastern Pennsylvania Section of the American Chemical Society (SEPSACS), Friday, March 30

“Industry Academia Networking” with PA INNOVATORS SHOWCASE, March 30, 2012, 2:00 pm – 4:00 pm at the Kunkel Gallery, The Whitaker Center for the Arts & Sciences, 222 Market Street, Harrisburg, PA 17101, (Phone: 717-214-ARTS) The SEPSACS and The PA Tech Awards (the state's award celebration for the technology and innovation industry in Pennsylvania) are very pleased to announce the PA Innovator's Showcase. The 2 to 4 PM showcase is designed to permit the visitors an opportunity to meet with the CIOs, CTOs, CEOs, and other IT and technology leaders as well as the Board of Directors, members of the TechQuest Pennsylvania and the general public. With more than 195 PA Tech Award nominee companies, the showcase gives an opportunity to spend 2 hours with the leaders to share their innovations and technology. For more information email: a.rahman@arphotronics.net or see www.sepsacs.org.

North Jersey Drug Metabolism Discussion Group (NJDMG), Thursday, April 26

The Spring Symposium and Vendor Exhibition of the North Jersey Drug Metabolism Discussion Group (NJDMG) will be held on Thursday, April 26, 2012 from 8:00 am to 4:00 pm 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.

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ADDRESS CORRECTION REQUESTED