



ALI "QUOTES"

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THE NEWSLETTER OF THE PRINCETON ACS

January/February 2008

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



Monthly Dinner Meeting

Tuesday, January 15, 2008

Our guest speaker will be

Dr. Richard T. Wetherald,
Geophysical Fluid Dynamics Laboratory,
National Oceanic and Atmospheric Administration

Time: 6:00 PM
Lecture: Frick Laboratory, Room 120
Dinner: Kalluri Corner (following lecture)

Reservations:

The meeting will be held in Frick Laboratory, room 120, Princeton University. The seminar is at 6 PM followed immediately by dinner at Kalluri Corner Restaurant, 235 Nassau St. Princeton, NJ. The seminar is free and open to the public. Reservations are required for dinner, which is \$25 for full members, \$15 for retirees and \$10 for students. All reservations will be billed, for the section pays on the number of reservations, not the number of attendees. Please contact Denise D'Auria at (609) 258-5202 or denised@princeton.edu by Tuesday, January 8 to make or cancel reservations.



Monthly Dinner Meeting

Wednesday, February 27, 2008

Our guest speaker will be

Dr. Donald Gulbrandsen,
Gulbrandsen Chemicals, Inc.

"Entrepreneurial Adventures in the Chemical Industry"

Time: 6:00 PM
Lecture: Frick Laboratory, Room 120
Dinner: Friend Center (following lecture)

Abstract:

Donald Gulbrandsen, founder and CEO of Gulbrandsen Chemicals, Inc., will talk about his experience starting and building a chemical company. The story begins in 1983 with Don pursuing his early dreams in an old brick building in Phillipsburg, NJ. The journey, filled with unexpected surprises and difficult challenges, takes us forward to Gulbrandsen's present day adventures. Expect to walk away with a deeper awareness of the benefits and challenges of entrepreneurship and insights into what it takes to start a business in the chemical industry.

Gulbrandsen Chemicals has approximately six hundred employees, six global manufacturing locations and produces specialty chemicals for the water treatment, chemical and personal care markets. See www.gulbrandsen.com for additional information.

Biography:

A graduate of Cornell University with a BS in Chemical Engineering and BA in History in 1983, Mr Gulbrandsen also completed Owner President Management program at the Harvard Business School.

Reservations:

The meeting will be held in Frick Laboratory, room 120, Princeton University. The seminar is at 6 PM followed immediately by dinner at the Friend Center Convocation room, Princeton University. The seminar is free and open to the public. Reservations are required for dinner, which is \$25 for full members, \$15 for retirees and \$10 for students. All reservations will be billed, for the section pays on the number of reservations, not the number of attendees. Please contact Denise D'Auria at (609) 258-5202 or denised@princeton.edu by Tuesday, January 8 to make or cancel reservations.



2008 Mercer Science Fair Call for Judges

This year's Mercer Science and Engineering Fair for elementary, middle and high school students will be held at Rider University from Saturday, March 15 through Thursday, March 20. Judging will occur on Monday, March 17 between 8AM and 1PM at the Rider University Student Center. An opportunity to prejudge the projects will be reserved on Sunday, March 16 between 5PM and 7PM. A continental breakfast will be available along with a catered luncheon on March 17.

If you are interested in supporting this important activity by serving as a judge, please contact Bob Bushar, Science Fair Coordinator at rbushar@hiltonrealtyco.com.



ACS Announces Short Courses

Registration has opened for the American Chemical Society Short Course Circuit to be held in Woodbridge, NJ, February 11-15, 2008. Register before January 14 to receive a \$100 discount on your registration fee. The following courses are being offered at the circuit:

February 11-13:

- Experimental Design for Productivity & Quality in R&D
- Statistical Analysis of Laboratory Data

February 12-13:

- Chemical Engineering for Chemists
- Drug-Like Properties in Drug Discovery
- Essentials of Medicinal Chemistry & Pharmacology
- Pharmacokinetics and Pharmacodynamics: Principles and Applications in Non-Clinical Drug Development

February 14-15:

- Analysis and Interpretation of Mass Spectral Data
- Effective Supervision of Scientists and the Technical Staff
- Methods Development & Validation Procedures in the Analytical Lab
- Process Research in the Pharmaceutical Industry: The Design and Development of Practical Syntheses
- Recent Developments in Organic Synthesis

To register or for further information call 800-227-5558 x 4508 or email shortcourses@acs.org. Details can be found at [acs.org](http://portal.acs.org/portal/acs/corg/content?_nfpb=true&pageLabel=PP_ARTICLEMAIN&node_id=271&content_id=WPCP_007036&use_sec=true&sec_url_var=region1) under careers, continuing education (http://portal.acs.org/portal/acs/corg/content?_nfpb=true&pageLabel=PP_ARTICLEMAIN&node_id=271&content_id=WPCP_007036&use_sec=true&sec_url_var=region1).



PACS Year In Review

Under the able leadership of George Crull, our section had a very busy and productive 2007. The year began with Dr. Adrienne Tymiak from Bristol-Myers Squibb speaking about advances in analytical chemistry at our January meeting. Dr. Mark Dewis and Brian Grainger from International Flavors and Fragrances joined us in February to tell us about cooling sensates. We also held our fifth annual Chemagination contest for high school students on the 24th. Our annual joint meeting with the Trenton ACS section at was held in March at Triumph Brewery where we were treated to a tour of the facility. Dr. John H. Dawson came to us in April from the University of South Carolina to speak on Cytochrome P450. In May, Professor Gene S. Hall from Rutgers University described how he used instrumental analysis of lead and other metals to investigate the authenticity of old coins and paper documents. We also presented the Outstanding Chemistry Teacher of the Year Award to Julia Norato of West Windsor - Plainsboro HS North. In June, Lexicon Pharmaceuticals graciously hosted our meeting, and Philip Keyes and Leonard Hargiss spoke about analytical chemistry and drug discovery support. Our 50 & 60 year members were recognized at our summer picnic in July and we were educated and entertained by Catherine R. Matsen and W.

Chris Petersen from Winterthur Museum's Scientific Research and Analysis Laboratory as they spoke on Conservation Science.

We started the fall season with Professor Erik Nilsen of Virginia Polytechnic Institute & State University speaking about allelochemicals at our September meeting. October was a hectic month. We held our annual joint meeting with Central Jersey AIChE on the 24th. As has been our tradition for the last few years, the theme was science and politics. David Goldston, Woodrow Wilson School, Princeton University discussed how U.S. science policy is made. He was joined by Ray Garant of the ACS Office of Legislative and Government Affairs who told us of ways to be part of the process. We had a successful National Chemistry Week Activities Night on the 26th complete with costumes and featuring the "Many Faces of Chemistry". In November, Kitty Wagner put on a "magical" chemistry demonstration for students, teachers and members at our joint Trenton/Princeton Education Night. We finished the year with a celebration and a lecture on climate change and fuel cells by our new Chair, Professor Bocarsly.

Thank you, George, for all your hard work this past year and to the many others that made this past year a success!



Introducing our New Chair



Welcome to our 2008 Chair, Dr. Andrew Bocarsly. Dr Bocarsly is a Professor of Chemistry at Princeton University and is affiliated with the Princeton Institute for the Science and Technology of Materials (PRISM). He and his students are involved with various projects that are related

to the chemistry of materials and the synthesis of new materials with intriguing physical properties.

He has been active in the section for many years and has previously served as Chair, and also headed up the Education Committee. He has already planned a number of interesting meetings for 2008 (as you can see from the meeting calendar & announcements). Others are in the works!



PACS ELECTION RESULTS ARE IN!

The ballots have been counted and it is now official: David Carrick is the 2008 Chair-Elect. David is an analytical chemist with over thirty years experience in the area of pharmaceuticals, consumer products, agricultural chemicals and teaching. He is currently consulting in the areas of Analytical Development, Instrument Validation, Quality and Laboratory Training. He has been a section member since 2000 and an active volunteer in our outreach programs, including serving as a judge for Chemagination. In addition, Louise Lawter was elected Councilor for a three year term, 2008-2010 and Bill Barnard, Alternate Councilor for 2008-2010. Sharon Sibilia was reelected Secretary-Treasurer. Congratulations and welcome to our new committee members!

2008 Princeton ACS Executive Officers & Committee Chairs

Chair : Andrew Bocarsly Princeton University (609) 258-3888 bocarsly@princeton.edu	Chair-Elect: David Carrick dcarrick@comcast.net
Past-Chair: George Crull Bristol-Myers Squibb (609) 252-5805 george.crull@bms.com	Secretary / Treasurer: Sharon Sibilia (609) 520-1288 sharon.sibilia@verizon.net
Councilor (2006-08): Lynne Greenblatt Wyeth Research (732) 274-4549 greenbl1@wyeth.com	Councilor (2008-10): Louise Lawter louise.lawter@gmail.com
Alt. Councilor (2006-08) and National Chemistry Week: Kathryn Wagner Princeton University (609) 258-2937 kmwagner@princeton.edu	Alt. Councilor (2008-10): Bill Barnard Zev4US@yahoo.com
Webmaster: Jonathan Chun Alliance Technologies, LLC (732) 355-1234 jchun@alliancetechnology.com	Government Affairs: Lynne Greenblatt Wyeth Research (732) 274-4549 greenbl1@wyeth.com
Chemagination: Louise Lawter & Sharon Sibilia chemagination@yahoo.com	Newsletter & Public Relations: Louise Lawter louise.lawter@gmail.com
Outreach: Bill Barnard Zev4US@yahoo.com	

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Tuesday, January 15: **Monthly Dinner Meeting**, Frick Laboratory, Princeton University, 6PM. Speaker is Dr. Richard T. Wetherald, Geophysical Fluid Dynamics Laboratory, National Oceanic and Atmospheric Administration.

Friday, January 18: **Princeton ACS Executive Committee meeting**, Wyeth Research, 11:30AM.

Saturday, February 23: **Chemagination Competition**, Princeton University Friend Center

Wednesday, February 27: Our guest speaker will be **Dr. Donald Gulbrandsen, founder and CEO of Gulbrandsen Chemicals, Inc.** The meeting will be held at 6:00 PM in Frick Laboratory, room 120, Princeton University. Dinner will be in the Friend Center Convocation Room following the lecture.

Tuesday, April 15: Joint Meeting with the Trenton ACS Section. Our guest speaker will be **Madeleine Jacobs, CEO of the American Chemical Society**. The meeting will be held at Rider University, Fireside Lounge at 6:00 PM.

September 15-16: TRI/Princeton will be hosting the **Third International Conference on Applied Hair Science** Princeton, NJ. **Call for Papers:** TRI/Princeton requests submissions on hair science and its applications for oral presentations, technical papers, and poster presentations. Several topics will be highlighted at the Third International Conference on Applied Hair Science, including chemical, physical, and surface properties of hair; measurement of consumer-desired attributes such as luster, body, and smoothness; fundamental mechanisms of hair damage and its prevention; ethnic hair studies; and product efficacy, as well as numerous others. Abstracts for oral and poster presentations must be submitted by **March 2nd, 2008**. Interested applicants should email their abstracts to the Conference Organizer at info@triprinceton.org or complete the Abstract Submission Form on the conference website (<http://www.triprinceton.org/hair2008>).

The PACS Executive Committee has set its schedule for 2008. They will meet on Friday January 18, April 18, July 18 and October 17 at Wyeth Research, Monmouth Junction from 11:30AM – 1:30PM. Interested Princeton ACS members are welcome to attend. Contact Lynne Greenblatt greenbl@wyeth.com to make a reservation.



Princeton Section ACS

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