Join us for the 2016 DE ACS Section Awards Ceremony

May 7, 2016
1:00 pm to 3:00 pm
Double Tree, Wilmington,
4727 Concord Pike, Wilmington, DE,

Keynote Speaker –
David F. Eaton,
Lightwave Logic, Inc.

2016 Delaware Section Award Winner

“Photopolymers –
An Enabler for Industrial Innovation”

For information on section activities visit our web site at:
www.delawareacs.org
**DE ACS Section Awards Ceremony**

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**Location:** Double Tree, Wilmington, 4727 Concord Pike, Wilmington, DE, 19803  
**Event Type:** Registration required  
**Fee:** Free  
**Registration:** visit http://www.delawareacs.org/

We will honor our Section Award winner, High School teacher and College Student Award winners along with this year’s winner of the Blunt Scholarship.

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**Keynote Seminar**

Photopolymers – An Enabler for Industrial Innovation  
2016 Delaware Section Award Winner • David F. Eaton

David F. Eaton is currently Scientific Advisor to the Delaware-based start-up company Lightwave Logic, Inc. (formerly Third-Order Nanotechnologies), which is developing organic materials for applications in optical communications. He had been Chief Technology Officer from 2005 until 2008. In early 2005, he became an associate with PrecisionCure, LLC, another Delaware-based company introducing productivity software for the radiation curing industry. He founded Light Insights, LLC, a technology-based business development service on retirement from DuPont in 2003. Light Insights provides clients with “understanding of technology for business growth.”

Before leaving DuPont, Eaton was Technology Director, New Business Initiatives, within DuPont’s Electronic Technologies strategic business unit with responsibility for identifying and implementing new business opportunities in Photonics. He was on loan to DuPont Ventures to help develop opportunities for DuPont in photonic markets and to incubate a small photonics venture that resulted from an asset purchase in 2002. He spent 23 years in Central Research & Development Department doing science in the area of photochemistry.

His education was obtained at Wesleyan University (AB, 1968) and Caltech (PhD, Organic Chemistry, 1972).

**Abstract:**

In these times of cutbacks and threats to industrial fundamental science, it is useful to examine how DuPont scientists have promoted industrial growth in the last half-century in areas other than bulk polymer and chemical technologies.

DuPont invented image-wise photopolymerization in the mid-1950’s, and committed 60 years of R&D to developing commercial applications of this technology. This has helped enable tremendous growth and productivity improvements in the electronics and printing industries. It also provided high-margin profits for DuPont.

This lecture will highlight innovations in photopolymerization technology and point to the societal benefits which accrued from them.
CHAIR’S COLUMN

Nylon Rope Trick

My first experiment in polymer synthesis class at graduate school was the nylon rope trick. Nylon 6,10 was prepared instantaneously at room temperature at the interface between water and organic solvent through polycondensation of hexamethylenediamine and sebacoyl chloride. The film could then been drawn from the interface (see the figure below). In the paper published by DuPonters—Paul W. Morgan and Stephanie Kwolek in Journal of Chemical Education in 1959, they described this experiment “the demonstration has an air of surprise and magic about it that is intriguing to everyone from the school child to the most sophisticated chemist”.1 I completely agree with them. This experiment is very enlightening and probably one of the most popular demonstrations at our National Chemistry Week for years.

This simple experiment reminds us the significance of the invention of Nylon. A man-made “protein”, which is linked by peptide bonds, investigated its huge success in textile, parts, and even spacesuits. In the April monthly meeting – 2016 Carothers Award Banquet, we commemorated Dr. Wallace H. Carothers for his pioneer work in Nylon invention and congratulated this year’s winner, Dr. Joanna Fowler, for her leading work on radiotracer chemistry for human brain imaging. The 2016 award is sponsored by Ashland, DuPont, W.L. Gore, Incyte and the Joseph X. Labovsky Endowment. The local section greatly appreciates the support and sponsorships from them.

Figure copyright American Chemical Society.
The Meeting –
I flew out on Sunday (3/13) and returned on Wednesday. The city is pretty impressive and the Convention Center is huge. I came home exhausted and three hours out of synch.

The Senior Chemists Committee met on Monday morning. We continue to focus on programs and events for Senior Chemists. The Committee is made up of an impressive group from industry, academia and the government sector. Our Newsletter has enjoyed great success and we are now working on the June issue.

Many of us took part in the Student Networking Session in the afternoon. This gives undergrads a chance to ask questions as they ponder life after college. I met some pretty impressive future chemists.

One part of the meeting that I really enjoyed was attending a talk by a former student from UW-EC. Prof. Rich Saykally is a P. Chemist at U.C.-Berkeley. He continues to amaze me!

A Meeting Highlight –
A member of our Delaware Section was honored by the Division of Chemical Technicians. Brian McCauley received the 2016 National Chemical Technician Award for outstanding performance. He is an associate investigator in the Corporate Center for Analytical Sciences at DuPont Science and Innovation. Brian helps to make John Gavenonis look good!

Scott Kelly was happy to have a safe return from the International Space Station after 340 days in earth orbit. He may not be a chemist but he was “Chemically involved.” He consumed 193 gallons of recycled urine and sweat as his water supply. I consider that pretty neat chemistry.

Urine is over 95% H₂O, too important to waste. It contains about 9.3 g/liter of good old urea. Then it has about 1.87 g/l of Cl⁻, 1.17 g/l of Na⁺, 0.75 g/l of K⁺, 0.670 g of creatinine plus over 3,000 other compounds. A rough calculation tells me that the space Station contains about 1.6 pounds of urea left behind by Kelly. Yes, body chemistry is what keeps us all going.

The Memorial Service –
The passing of DuPont is a sad and historic event. This Delaware Corporation has been a significant part of U.S. history, helping preserve the Union in the Civil War and helping us win two World Wars. This corporation has been a very positive force in civic good deeds and has been a major economic driver in Delaware. It seems to me that a Memorial Service should be held to help us come to grips with this major change in our lives.

I understand that the Delaware Section of ACS may not provide official support since my proposal could be awkward perhaps for DuPont employees. The same applies to the Delaware Academy of Chemical Sciences. Thus I am proceeding as the “Lone-ar-Ranger” for this event.

Saturday, May 21 was the chosen date – before our citizens turn into beach rats for the summer. Then I found out the many venues are booked in May for weddings and graduation parties. A room at the DuPont Country Club was available for $950 but that meant robbing a bank. Thus, my planned Memorial Services is on hold until I find a financial sponsor. Meanwhile, keep calm and carry on. I shall continue my efforts in support of chemistry, the best game in town!
11th Annual Delaware ACS Section Student/Industry Poster Session & Colloquium

University of Delaware, Newark
Lobby of Harker Interdisciplinary Science & Engineering Laboratory (ISE)

Tues, May 3, 2016
5:00 – 8:00 pm

Poster Session: 5–6:30 pm (set-up at 4:45 pm)
Colloquium by Prof. Joe Fox 6:30-7:00 pm
Fast Bioorthogonal Chemistry: Discovery, Development, Applications

Award Ceremony: 7:00 pm
Complimentary Refreshments 7:15 pm

Student Posters: Cash prizes will be given to the best student posters, in each of three categories: postdoc, graduate student, and undergraduate.

Industry Posters: Show off your work to students interested in a future in your company!
Please contact Prof. Mary Watson (mpwatson@udel.edu) with any questions.

First Friday: Selling Science

Date: May 6, 2016
Time: 5:00 p.m. to 8:00 p.m.
Location: CHF, 315 Chestnut Street, Philadelphia, PA 19106
Event Type: Open to the Public
Fee: Free
Registration: Not Required

Advertising is used to sell all sorts of things, but what does it look like when the product is science? Join us as we take a journey along the timeline of science advertising. Relive the golden days of Mad Men with vintage print ads for things like Saran Wrap and plastic. Watch technology and culture change as you view ads from the various decades straight from our archives. Create your own ad posters and radio jingles, and learn why selling scientific innovation is not quite as easy as it seems.

The Museum at CHF will be open for self-guided tours throughout the evening.
**Brown Bag Lecture:** “Otlet’s Order: Intellectual Property and the Bibliographical Imagination” by Eva Hemmungs Wirtén

**Date:** May 16, 2016  
**Time:** 12:00 to 1:00 p.m.  
**Location:** CHF, 315 Chestnut Street, Philadelphia, PA 19106  
**Event Type:** Open to the Public  
**Fee:** Free  
**RSVP Online:** No Registration Required

“Scientific work, especially in our time, is specialized and internationalized.” As contemporary as such a statement sounds, it was in fact made in 1895, when the two Belgian pacifists and internationalists Henri La Fontaine (1854–1943) and Paul Otlet (1868–1944) founded the Institut International de Bibliographie (IIB) in Brussels. Otlet and La Fontaine knew that scientific work depended on access to scientific information, and for the next four decades they embarked on a massive effort to collect, organize, and disseminate the world’s knowledge. In her talk Eva Hemmungs Wirtén will focus on Otlet’s bibliographic imagination of patents as one top in a mountain range of documents, on equal footing with more familiar carriers of scientific information such as journals and monographs. Combining perspectives from law, information science, and mediated/material culture, how can we understand the ordering of scientific information in the context of past, present, and future knowledge infrastructures, and especially its relation to intellectual property?

Eva Hemmungs Wirtén is professor of mediated culture at Linköping University, Sweden. She has published extensively on the emergence and consolidation of international copyright and the cultural history of the public domain. Increasingly interested in scientific authorship and the political economy of academic publishing, the Brown Bag talk represents a direct continuation of a chapter from her most recent book *Making Marie Curie: Intellectual Property and Celebrity Culture in an Age of Information* (University of Chicago Press, 2015), which considers Curie’s work with bibliography and scientific property in the League of Nations.

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**ChemVets Meeting**

**Norman Herron**  
DuPont Displays, Experimental Station, P.O. Box 8352, Wilmington, DE 19803

**Date:** May 17, 2016  
**Time:** 12 p.m. – 2 p.m.  
**Location:** DuPont, Chestnut Run Laboratories  
12:00 Lunch (Admin. Bldg.)  
1:00 Lecture (Bldg. 713 auditorium)  
**Event Type:** Open to the Public  
**Fee:** None  
**Registration:** Not Required  

**Abstract:**  
Highly efficient generation of light via. the electroluminescence of organic materials holds the promise of a new flat panel display technology to compete with Liquid Crystalline Displays (LCDs). The recent introduction of commercial TV and mobile device products by LG and Samsung are at the vanguard of a displays’ revolution enabled by high performance,
ChemVets continued from page 6

sophisticated organic based materials. Organic Light Emitting Diode (OLED) technology will be described and the commercial opportunities for such technology highlighted. Materials’ development based on fluorescent blue and phosphorescent organometallic red, yellow, and green emitters will be highlighted. Ancillary materials of the emissive stack (the associated host, hole and electron transport materials) will also be detailed and developments necessary to enable the drive towards cheaper, solution processing for OLED devices will be included. The dynamic interplay of organic and inorganic chemistry with device physics and engineering which result in a new manufacturing method for novel OLED displays with remarkable performance characteristics will be the underlying theme of the presentation.

Speaker’s Biography:
Norman Herron received a B.Sc. (’75) and Ph.D. in inorganic coordination chemistry (’78) at The University of Warwick, UK under the direction of Prof. Peter Moore. He was a post-doctoral fellow at The Ohio State University with Prof. Daryle Busch (’79-83) where he worked on macrocyclic, oxygen-carrier molecules. He joined the Central Science and Engineering Department of the DuPont Co. in 1983. Following work on zeolite inclusion catalysts (“ships-in-bottles”), semiconductor nanoclusters (“quantum dots”), and aspects of heterogeneous fluorocarbon and oxidation catalysis, he joined DuPont Displays in 2001 where his current work focuses on materials’ synthesis and characterization for OLED devices. He is author of more than 142 journal publications, 29 book chapters/reviews/encyclopedia entries, 95 issued US patents and has co-edited a volume on zeolite inclusion chemistry.

For more information about this event, please contact Bruce Frye, ChemVets Chair, at bfrye6@yahoo.com

Brown Bag Lecture: “Petroleum in the Modern Age: A Puzzle That Lasted Four Centuries” by Francesco Gerali

Date: May 23, 2016
Time: 12:00 to 1:00 p.m.
Location: CHF, 315 Chestnut Street, Philadelphia, PA 19106
Event Type: Open to the Public
Fee: Free
RSVP Online: No Registration Required

The liquid hydrocarbon that, for its peculiar physical properties and composition, we call petroleum was known, harvested, and used for millennia. Several authors of the Classic Age and the Late Antiquity described petroleum and its uses and proposed theories on its origin. However, the knowledge about its real nature and composition was very limited, and only in the Early Modern Age did the cumulative process of knowledge begin to take shape that in a gradual and discontinuous manner matured into the modern concept of oil in the late 19th century. In the early 16th century the different kinds of liquid, semisolid, and solid petroleum (e.g., naphtha, bitumen, asphalt) seeping from the subsoil of Sweden, Germany, France, Italy, and Switzerland started to be systematically exploited and sold as lighter, grease, lubricant, medication, and insulation for roofs and hulls; the clear and light-weight variant of naphtha was considered a valuable commodity and was sold at high prices in sealed bottles.

There is a span of about four centuries from the “Geneva Pamphlet” (anonymous, 1480) on the medical uses of Pétrol, the early innovative elements introduced in the study of oil by such authors as Georg Agricola (1546) and Andreas Libavius (1601), and the deciphering continued on page 8
Brown Bag Lecture: “Petroleum continued from page 7

of the chemical composition of oil—a compound of carbon and hydrogen—proposed by Michael Faraday in the 1820s. During this time the studies on oil benefited from the rapid advances and brilliant insights of authors like Volck (1625), Pomet (1694), D’Eyrinis (1721), Hoeffel (1734), and Maquer (1758), although there were also moments of stagnation and disappointing regressions.

Francesco’s lecture aims to frame and contextualize the theories, interpretations, and speculations of natural philosophers, chemists, and finally geologists that made petroleum a “marvel of nature.”

Francesco is a research assistant at the School of Library and Information Studies of the University of Oklahoma and an honorary research fellow at the History Department of the University of Western Australia. His expertise is in the fields of digital humanities and history of the oil industry. His PhD dissertation in the history of science was on one of the first Italian geologists involved in petroleum geology and exploration. Since 2010 he has worked in Italy, the United States, Mexico, and recently Australia, specializing in historical studies on the scientific and technological development of the oil industry in the 19th and early 20th centuries. Francesco’s research methodology aims at the merging of hard sciences (i.e., geology and engineering) with the humanities in order to interpret and translate complex scientific and technical concepts into historical analyses. He employs and integrates multiple databases and sources in English, Spanish, Italian, French, Portuguese, and Latin, and he has developed a special ability to process high volumes of information from government documents, technical journals, company records, and scholarly literature.

Cain Conference Public Lecture: “Life in the Universe: Past and Present”

Date: May 26, 2016
Time: 6:00-7:30 pm.
Location: CHF, 315 Chestnut Street, Philadelphia, PA 19106
Event Type: Open to the Public
Fee: Free
RSVP Online: Registration Required


Over the past two centuries what has stimulated belief that life exists elsewhere in the universe? What factors have detracted from that belief? Are these factors at play today? Our panel of experts will portray astronomers past and present to address these questions and to explore the motives that compel us to search for extraterrestrial life.

David DeVorkin, from the Smithsonian Institution, will introduce and moderate a panel consisting of three astronomers: William Herschel, from the late 18th century (represented by Woodruff T. Sullivan, University of Washington astronomer and historian); Richard Proctor and his contemporaries in the late 19th century (represented by Josh Nall, University of Cambridge historian); and Sara Seager, from the 21st century, MIT professor of astrophysics and planetary science (representing herself).

Following the panel discussion we’ll invite you to probe the underlying questions: what motivates us to continue the search for extraterrestrial life? And what does that tell us about ourselves?
Candidate for Chair Elect

*Kirby Liao*

**Biography:**
Ken-Hsuan (Kirby) Liao is a Senior Research Investigator at DuPont Electronics & Communications, Photovoltaic & Advanced Materials (DuPont E&C, PVAM). He received a B.S. degree in chemical engineering in 2005, M.S. degree in Polymer Science & Engineering in 2007 from National Taiwan University. After one year of military in Taiwan, Kirby began his research journey in Materials Science advised by Professor Christopher Macosko in 2008 and received his Ph.D. in 2012 from the University of Minnesota Twin Cities. He then worked as a Research Investigator in DuPont CR&D in October, 2012. His areas of expertise include polymer nanocomposites, graphene, polymer processing, rheology, colloids. His current work in CR&D is on the development of photovoltaic front side silver paste.

**Policy Statement:**
I am excited about the prospect of devoting myself to science, chemicals, materials, in particular, to the general public. Recent years chemical industrial sciences has created variety of products improving people’s daily lives via creation of novel chemicals/materials, manufacturing current products with environmental friendly precursors and processes, higher agricultural yields. All the efforts provide a better environment and improving economics for us. Often, the public has misconceptions about the values and purposes of science to today’s society, and I believe that our efforts and ability are vital in enhancing public awareness, acceptance and excitement of science. These efforts will also allow the professional development of our members within the community and beyond. As a Chair Elect, I will have the honor and privilege to work with the executive council team and other members to support these efforts through enriching programs and activities. I will expand ACS Delaware Chemist network to bring together more scientists from different backgrounds to deliver exciting seminars and workshops to our members. My aim is to make ACS Delaware Section as a platform for local scientists and companies to land their best matches and maximize impact on science and society.

Candidate for Secretary

*Julie Brady*

**Biography:**
Julie Brady is an Instructional Coordinator for the Biology and Chemistry Department at the Stanton Campus of Delaware Technical and Community College. She received a B.S. in Chemistry from the University of Wisconsin-Madison in 1979 and an M.S. in Analytical Chemistry from the University of Minnesota in 1984. Julie was a lab manager in the School of Pharmacy at the University of Pittsburgh prior to relocating to Delaware. She has over 25 years teaching experience at the high school and college level, and has been at Delaware Tech since 1994. She enjoys designing laboratory exercises to engage learners as they develop the skills they will need for the workforce. Julie is a member of ACS and NSTA.
Candidate for Councilor

Tiffany Hoerter

Biography:

Professional Experience:
Throughout her diverse chemistry career, Tiffany Hoerter has focused her organization, leadership, and consensus building skills to solve complex challenges in the fields of contract research, pharmaceuticals, OLED displays, project management and supply chain management. She currently serves as a Supply Chain Professional for the DuPont Advanced Printing Business.

ACS Service:
Tiffany has been an active member of the American Chemical Society since 2002 and an active member of the Delaware Local Section since 2007. Her Delaware Local Section leadership roles include: Chair (2013), Councillor (2010-Present), Alternate Councillor (2008-2010) and YCC Chair (2007-2008). Tiffany has been an active leader in the local section. Her efforts include: updating the by-laws, successfully executing electronic elections, implementing online distribution of the DelChem Bulletin and rejuvenating the local section website. Tiffany serves on the government affairs committee, advocating for informed science public policy and funding during annual meetings with Senator Coons and Senator Carper. She is also dedicated to providing relevant and strong local section programming. Recently, she worked with the Delaware Sustainable Chemistry Alliance to plan the Invoice to Innovation event. She also worked with the ACS National Careers Services office to provide financial support and programming for the March Careers Workshop.

Tiffany also represents the DE local section at the national level, which began with her election as councillor in 2010. In 2012, Tiffany accepted an appointment to the ACS Committee on Economic and Professional Affairs (CEPA), where she currently chairs the Subcommittee on Marketing and Research. Tiffany’s subcommittee supports ACS Career Services and the Salary, ChemCensus and New Graduate Surveys. In 2014, she was asked by, then ACS President, Marinda Wu to chair the ACS Presidential Task Force on the Supply and Demand of Chemists in the United States which evaluated the employment landscape for chemists and made actionable recommendations to the Society.

Education:
Tiffany graduated with a B.S. in Chemistry from the University of Wyoming where she completed undergraduate research on perfluorinated phosphine ligands and homogeneous catalysts in Professor Dean M. Roddick's group. She completed her M.S. in Organic and Organometallic Chemistry at San Diego State University under the direction of Professor Douglas B. Grotjahn where she worked on the synthesis of bifunctional rhodium pyrazole and pyrrole complexes for catylic cyclization and coupling reactions of alkynols.
Candidate for Councilor

Maggie Schooler

Biography:
Maggie Schooler is a native of Columbus, Ohio. She received her B.S. in Chemistry from Miami University in Oxford, Ohio, and her M.S. in Organic Chemistry from The Ohio State University, where she worked in the laboratories of Professor Leo A. Paquette. In 1996, Maggie joined the Medicinal Chemistry department at AstraZeneca Pharmaceuticals, where she worked as a synthetic organic chemist developing small molecules for the treatment of central nervous system and respiratory disorders. Currently, Maggie is employed by Axalta Coating Systems, where she is a senior chemist working toward the development of technology for waterborne coating formulations for the automotive market.

As an active 20-year member of the ACS, Maggie has served as a Councilor for the Delaware local section since 2010 and on the national Council’s Membership Affairs Committee since 2011. Additionally, Maggie is a past chair and co-chair of the Delaware section’s National Chemistry Week science event. She has served the Delaware community by volunteering at P.S. DuPont Elementary School as a member of the Read Aloud Delaware program.

Policy Statement:
This is a challenging time for professional and academic chemists. The Delaware section has been particularly impacted by the loss of technical jobs over the last several years. During the last five years I have been working with the national Membership Affairs Committee to improve the value of ACS member benefits. These benefits include dues waivers for those members impacted by job losses as well as enhancements to ACS Career Services. As a Councilor for the Delaware section I will continue to bring the needs of our local chemistry community to the attention of the ACS at a national level to further improve the value of membership. At the local level, I will continue to support community outreach activities, such as NCW and CCED, which engage the minds of young people and spark interest in the chemical sciences. I look forward to continuing to serve our section.
Candidate for Alternate Councilor

Kim Huynh-Ba

Biography:
Kim Huynh-Ba currently is the Executive Director of Pharmalytik, which provide training and consulting services for pharmaceutical and chemical companies in US and internationally. Prior to Pharmalytik, she was the Director of Pharmacopeial Education Department of U.S. Pharmacopeia (USP), where she was responsible for their education programs worldwide. Kim has held several technical and management positions at Astra Zeneca (formerly ICI Americas), DuPont Merck, DuPont Pharmaceuticals, Bristol Myers Squibb and Wyeth Vaccines. She is an Adjunct Professor at Temple University-School of Pharmacy, Widener University and Illinois Institute of Technology (IIT) teaching pharmaceutical analysis and analytical chemistry graduate courses. She is also a short course instructor of ACS National Continuing Education and Sci-Mind programs.

Kim has a M.S. Degree in Analytical Chemistry from Villanova University with the late Dr. Robert L. Grob, and received her B.S. Degrees in Chemistry and Mathematics from Millersville University of Pennsylvania. Kim is an accomplished author of 2 book volumes and numerous publications.

Kim has been an ACS member since 1987. She involved with DE Section at early phase of her career and served in several committees such as National Chemistry Week, Membership, and Continuing Education. Kim is a member of the Executive Committee of Governing Board of Eastern Analytical Symposium (EAS) and was their 2013 President. She is a member of AAPS, ACS, and USP Expert Panels. Kim lives in the Newark area with her husband, who is employed by Siemens, and 2 children.

Policy Statement:
I am honored to be nominated for Councilor of the Delaware Section and hope to have your vote. Education has always been my focus; therefore, I plan to increase awareness of our membership and facilitate interactions between academia and industry. We are living in a challenging time where the chemical industry going under significant changes. The employment outlook in DE has shifted gears and I believe that ACS and ACS-DE section should embrace these changes and develop programs accordingly. If elected, I will support DE section to continue promoting opportunities of science education, strengthening outreach programs to better prepare young scientists and engineers for the work force and broadening our reach to encourage science education in local schools. I look forward to the opportunity to serving our members and community at large on a national level promoting the Delaware Section and its members.
Candidate for Alternate Councillor

_Rakesh Nambiar_

**Biography:**
Rakesh Nambiar is a R&D Manager at Dupont. Rakesh started his professional career at Dupont as a Research Investigator at Central R&D in 2009. Rakesh received his B. Tech in Polymer Science and Engineering from Institute of Chemical Technology in Mumbai, India and his Ph.D. in Polymer Chemistry in 2009 from Georgia Institute of Technology. His PhD research mainly focused on the synthesis and characterization of functional conjugated polymers for applications in organic field effect transistors, light emitting diodes and polymeric solar cells. Rakesh has been actively involved in the ACS DE organization for the past three years as Chair (2014), Chair Elect (2013) and past Chair (2015). Rakesh is also an active member of the National ACS POLY new program & workshop committee.

**Policy Statement:**
In my role as an Alt Councillor, I will represent the local section interests at ACS National Meetings and promote them at the national level. I plan to increase awareness of our membership to students and professionals and facilitate interactions between academia and industry. The chemical industry is going through challenging times specially in our community and I strongly believe ACS and ACS-DE section should develop programs to help professionals find job & training opportunities.
Candidate for Director

Allison Moore

Biography:
Allison B. Moore is a Senior Staff Scientist in Ashland Specialty Ingredients at the Ashland Research Center. She has been a member of the American Chemical Society since 1992 and was active in the Georgia Local Section before relocating to Delaware in 1998. She has been actively involved in the Delaware Section, serving in several leadership roles. She is currently serving as Director for the Delaware Section. Allison has served as Chair of the Delaware Section (2003), Secretary, Chair-Elect, Past Chair, and National Chemistry Week Chair. She also served several years as Secretary of the Carothers Award Committee. She has been on the ChemVets Steering Committee since 2002 as a liaison to the Delaware Local Section Executive Committee. Allison received the 2006 Tillmanns-Skolnik for service to the Delaware Section. She graduated with a B.S. in Chemistry with highest honor from the Georgia Institute of Technology, remained at Georgia Tech, and received a Ph.D. in Chemistry (Biochemistry) under the direction of Dr. Sheldon W. May. After a one-year postdoctoral appointment, she joined Hercules in October of 1998 as a Research Chemist in the Analytical Science Division. She is currently the lab leader for the liquid chromatography and biochemistry labs within Measurement Science. She is a member of Alpha Chi Sigma, professional chemistry fraternity and has served as the national service committee chair. She was a founding member of the Atlanta Professional Chapter of Alpha Chi Sigma where she served as secretary and treasurer. She is also a founding member of the Delaware Valley Professional Chapter of Alpha Chi Sigma where she is currently serving as president and has previously served as secretary and treasurer. She currently runs “Adventures in Chemistry”, a hands-on chemical outreach program. Allison is active with the Girl Scouts of the Chesapeake Bay, serving as a troop leader and service unit auditor. She served on the Board of Directors of the Hercules Federal Credit Union from 1999 until its merger with DPL Federal Credit Union in 2004. She served as secretary and chairperson.

Policy Statement:
Local Sections are the public face of the American Chemical Society to the local communities. We have the responsibility to show the public the value of chemistry in their everyday lives. Public outreach is critical, and I believe that reaching children is one of the best ways to attain this goal. Directors are charged with providing continuity to Local Section governance and providing advice and council to set Section policy. My service to the Delaware Section provides the experience and knowledge to perform this role. I look forward to the continued opportunity of serving as Director of the Delaware Section.
Minutes of the Executive Committee Meeting
Delaware Section of the American Chemical Society
Wednesday, February 17, 2016.

Chair Peiwen Zheng called the meeting to order at 12:33 P.M.

Chair’s Report:
Peiwen thanked everyone for calling in and noted the tentative agenda had been sent prior to the meeting.

She reported that the February joint meeting with DESCA was quite successful, with over 60 attendees. This was a good networking opportunity and the two organizations plan to work together to sponsor joint events in the future. Tiffany Hoerter was commended for initiating and coordinating the meeting. Peiwen commented that the groups were quite happy with the room and the catering at the Wilmington Doubletree.

The March meeting, also coordinated by Tiffany, will be held on March 6 from 9-5 at the Doubletree. It is a career event featuring resources from National ACS and will include workshops and one-on-one consultation with a career consultant. The cost is $5 for ACS members and $10 for nonmembers, and lunch is included. A good turn-out is anticipated so volunteers are needed; those who can help should email Tiffany. Tiffany and Andrea Martin are submitting a grant application to defray some of the costs.

The Carothers Award announcement will appear in the March DelChem bulletin, and the banquet will be held on Wednesday April 20 at the DuPont Country Club. The registration fee is $35. The cost to student and unemployed members will be $5, the Labovksy funds will be used to sponsor their attendance.

The May meeting will be the Section Award meeting, the awardee is Dr. David Eaton. Giang Vo is awaiting his reply to set the date. This will be combined with the 50/60 year event.

Peiwen reported on committee chairs. Todd Brugel has agreed to continue as Investment Chair. Access to the account to make changes to the investments was discussed; the Committee’s determination was that the Investment Chair should have access to view the account and will work with the Treasurer who will actually make the changes.

Officers running for re-election are reminded to send a biography by April 1 for the May issue.

Past-Chair’s Report:
Peiwen reported for Justin Chan. The Annual Report has been completed and reviewed by Tiffany. Justin thanked everyone for their input.

Chair-Elect’s Report:
Giang reported that he is seeking candidates for Chair-Elect, and both he and Peiwen asked that members of the Committee encourage colleagues to run.

Secretary’s Report:
Julie Brady reported on the awards notifications that were sent to the Section Award winners and the College Student Awards, the notification to the High School Teacher of the Year is in process. She requested that the list of 50 & 60 year members be sent to her as soon as it arrived.

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Treasurer’s Report:
No report

Reports of Committees and Related Groups

Education:
Peiwen reported for Andrea Martin. Andi is coordinating with Professor Mary Watson at the University of Delaware to revive the spring poster session. Professor Watson is working on co-sponsorship by the UD Chemistry Department, and determining a date. Location will be the new ICE lab lobby. Rent will be free but use of UD catering services is required for food. Categories are for undergraduates, graduate students, and post-docs. Awards are given for 1st, 2nd, and 3rd place. The costs will need to be added to the 2016 budget. Allison Moore stated that the poster session will be wonderful event and requested cost information so that a motion could be made to support the event. Tiffany agreed with Allison that a rough idea of total cost is needed before making the motion. Peiwen added that the co-sponsorship details should be worked out so an appropriate amount can be budgeted.

The high school exam will be given on Friday April 29 at McKean High School. Mike Stemniski is organizing this event. The possibility of offering the test downstate was mentioned. An email will be sent to high school teachers to gauge interest and let them know about spring events.

The National ACS Olympiad exam will be held on April 21 at Archmere Academy, organized by Glenn Hartmann. Schools are allowed to send a maximum of 2 students, and an overall maximum of 12 students. The Section has been notified that national winners will not be sent to the international competition due to security concerns.

Andi is requesting names for top juniors. for next year’s College Student Awards from UD Chemistry and Chemical Engineering Departments, Delaware State University, and Wesley College. She is also sending out a Call for Nominations for the High School Teacher of the Year award.

Old Business:
None

New Business:
None

Tiffany moved to adjourn, Giang seconded. The motion carried, and the meeting was adjourned at 1:03 P.M.

Officers and Councilors Present:
Peiwen Zheng, Julie Brady, Alicia Briegel, Kim Huynh-Ba, Tiffany Hoerter, Allison Moore, Giang Vo

Officers and Councilors Absent:
Justin Chan, Biswajit Choudhury, John Gavenonis, Norm Henry, Martha Hollomon, Andrea Martin, Nora Radu, Maggie Schooler

Others Present: none

Respectfully submitted,

Julie E. Brad
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The magic Nylon rope trick also makes us think about reaching out to our next generation and sparking their interests in chemistry and other natural science areas. This is another important goal of the local section.

We are having our “11th Annual Delaware ACS Section Student/Industry Poster Session & Colloquium” on May 3 at the lobby of Harker Interdisciplinary Science & Engineering Laboratory (ISE) in University of Delaware. Prof. Joe Fox will give a colloquium. Prof. Andrea Martin and Prof. Mary Watson organize this poster event (Many thanks to them). We are celebrating the Section Awards Ceremony on May 7 at Double Tree hotel with this year’s awardee David Eaton, and along with high school teacher, college students and Blunt scholarship awardees. The Section Award Ceremony is chaired by our Chair Elect, Giang Vo (Thank you, Giang). Please join us and register at http://www.delawareacs.org/.

Finally, it is the election time of the year. The local section has the following positions open: 1 Chair Elect, 1 Secretary, 2 councilors, 1 director and 2 Alt. councilors. You could find the candidates’ bio and policy statement in this issue and will be expecting your one-time electronic ballot through email. Please vote!

Peiwen

IMPORTANT ELECTION NEWS
ELECTRONIC ELECTIONS UPDATE

The Delaware ACS is excited to announce that this will be our second year having electronic elections.

We will be sending both an email and post card to eligible local section members. Each voter will receive the same access code via both mechanisms, so they can only vote once.

Expect your ballot to arrive the first week of May. Please vote and make your voice heard!

If you have any questions, please email delawareacs@gmail.com
May
3  11th Annual Delaware ACS Section Student/Industry Poster Session & Colloquium
6  First Friday: Selling Science
7  May Monthly Meeting: DE ACS Section Awards Ceremony
16 Brown Bag Lecture: “Otlet’s Order: Intellectual Property and the Bibliographical Imagination” by Eva Hemmungs
23 Brown Bag Lecture: “Petroleum in the Modern Age: A Puzzle That Lasted Four Centuries” by Francesco Gerali
26 Cain Conference Public Lecture: “Life in the Universe: Past and Present”