January Section Event
Seminar and Networking

Be So Good (At Networking!) They Can't Ignore You

Jill Abbott

DuPont Country Club • January 28, 2017, 1pm - 3 pm

For information on section activities visit our web site at:

www.delawareacs.org
CHF’s Center for Oral History is proud to provide training to scholars and researchers interested in learning oral-history and research interview methodologies. This weeklong workshop will introduce attendees to all aspects of the interview process, including general oral-history theory and methodology, interviewing techniques and performance of mock interviews, legal and ethical issues, transcription practices, archiving, recording equipment and its use, data management, and other relevant topics. Interested participants are encouraged to bring their research ideas. Interested in joining?

Attendance is free, but registration is required. For more information please contact Samantha Blatt at 215-873-8242 or sblatt@chemheritage.org.

Development of sustainable alternatives for the next generation of chemicals and materials: Leadership in development of renewably-sourced materials.

Henry Edward Brynza, Ph.D., Director for Performance Materials, DuPont

The development of more sustainable alternatives for the next generation of chemicals and materials is an imperative for the ongoing viability of today’s chemicals and materials industries. The depletion of non-renewable resources and the limitations of infrastructure are at odds with the increasing demands for a better quality of life from people all over the world. Moreover, questions about our planet’s ability to survive the environmental assault from emerging economies growing in the 21st century the way North America and Western Europe grew in the 20th century all point to the need to find a more sustainable way to
Happy New Year to everyone!

Last year flew by fast. I hope you had a great holiday season, which is probably not as stressful as that of the prior year. But uncertainty is still in the air for many, if not all of us. We do have much to be thankful for as we look forward to 2017. First of all, the US national election is over. It seems to have taken many of us by surprise. Whether we are satisfied with the outcome or not, the meaning of being a public servant remain the same regardless of who currently holds public office. Secondly, in the same vein, I was freaking out last month when I thought about the nature of the task at hand, but I realized that I should enjoy it. More importantly, I am surrounded by a very dedicated and talented executive committee. Thus, I don’t feel frightened anymore, and am looking forward to an exciting 2017. However, no work can be done alone. In this highly connected age that we live in, ideas are grown through relationships. Thus, I call on you to speak your mind. With your feedback and help, the Section can learn from you and better serve you this year. Thus, please do not hesitate to contact me (giadongvo@gmail.com or 302-695-7318) with your ideas and thoughts.

I would like to take this opportunity to thank you for the opportunity to serve you. It is an honor and privilege. I also would like to thank Peiwen Zheng and the entire executive committee for their excellent work last year, which was a very difficult year for many members of the Section. Additionally, we would like

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Disclaimer: The views and opinions expressed in the columns are those of the contributors and do not necessarily reflect those of the Delaware Local Section.
grow these foundational industries. This talk highlights DuPont’s considerations for
sustainable alternatives and discusses examples of how disparate technologies have been
brought together to commercialize new renewably-sourced products. The role of leadership
in facilitating impact will also be discussed.

For more information about this event, please contact Bruce Frye, 2014 ChemVets Chair,
at bfrye6@yahoo.com

Biography: Henry Edward Bryndza, Ph.D.

Dr. Bryndza is currently the Global Technology Director for Performance Materials
(formerly Performance Polymers and Packaging & Industrial Polymers)

His role includes all aspects of strategic technology planning and execution of research,
development and commercialization of new and improved products and processes and new
business initiatives in the polymer and materials sciences, engineering and biomaterials arenas.
As such he is responsible for R&D, Applications Development/Technical Service and
Manufacturing Technologies for this $6B portfolio of businesses

Dr. Bryndza has broad expertise in the field of chemical and biological technologies for
new and improved product and process development in the manufacture of green chemicals,
polymers, specialties and inorganic materials. He has an international reputation in homo-
genous catalysis, green chemistry & sustainability, physical organometallic/organic chemistry
and polymer technologies as well as in the rehabilitation of oiled wildlife.

Prior to his current position, Dr. Bryndza served as Technology Director for DuPont Applied
Bio Sciences and the Biotechnology division of DuPont Central Research and Development
where he was responsible for initiatives in bio fuels, bio materials and bio specialties with
a focus on applications development and new product commercialization. He was also the
Technology Director for the DuPont Chemical Solutions Enterprise where he served as a
liaison with internal and external customers around the world as well as with stakeholders
including government agencies and nongovernmental organizations.

Over his career Dr. Bryndza also served as a research manager responsible for development
and execution of long-range technology strategies for a broad suite of chemical and materials
businesses within DuPont including DuPont Titanium Technologies, DuPont Engineering
Polymers, DuPont Packaging and Industrial Polymers, DuPont Performance Coatings,
DuPont Fluoroproducts and DuPont Chemical Solutions Enterprise. Throughout his career
Dr. Bryndza has a track record of commercialization for many new products and initiatives
across this broad portfolio.

Dr. Bryndza has been with DuPont since 1981. He has published 32 papers, has been issued
8 patents, presented at over 55 international meetings and lectured over 100 times at top
universities. He recently completed for two terms of service on the National Academy of
Science’s Board on Chemical Sciences & Technologies and the American Chemical Society
Executive Director’s Vision 2020 Committee. Dr. Bryndza received his BS from
Massachusetts Institute of Technology in Chemistry and his Ph.D. from the University of
California at Berkeley in Organic Chemistry.
Joseph Priestley Society: Robert Margolskee

How the Chemical Senses of Taste and Smell Shape Human Health and Nutrition

Date: January 12, 2017
Time: 11:30 a.m. to 2:00 p.m.
Location: Chemical Heritage Foundation
315 Chestnut Street, Philadelphia, PA 19106
Event Type: Open to the Public
Fee: $25
RSVP Online: Registration Required

https://www.eventbrite.com/e/joseph-priestley-society-robert-margolskee-tickets-28923616315

The Joseph Priestley Society (JPS) lecture series explores topics in science, technology, and industry through professional networking receptions and lectures by industry leaders.

More information:
For more information about this event, please contact Sarah Reisert at 215.873.8263 or sreisert@chemheritage.org.

Event Schedule
• 11:30 a.m.
  Networking Reception

• 12:15 p.m.
  Luncheon

• 1:00 p.m.
  Keynote Address
Seminar and Networking

Be So Good (At Networking!) They Can't Ignore You

Speaker: Jill Abbott
Date: Saturday, January 28th, 2017
Time: 1:00 - 3:00 pm
1:00 – 2:00 pm Keynote
Speaker: 2:00 – 3:00 pm Networking
Location: DuPont Country Club,
Christiana Ball Room
1001 Rockland Road
Wilmington, DE 19803
Cost: FREE, refreshments and snacks will be provided.
Registration: Please RSVP at http://www.delawareacs.org/. If you are not able to register online, please contact Giang Vo at giadongvo@gmail.com or (302) 695-7318.

Abstract:
When asked how to be successful in show business, famous comedian Steve Martin once said: "Be so good they can't ignore you." Whether you're an early career or experienced professional, you've undoubtedly worked hard to build the strong foundation of your technical knowledge, essentially achieving Steve's "be so good" edict. So, when you're surrounded by other smart, published, well-educated people in your field, how can you differentiate yourself beyond the technical realm? No tool is more powerful than networking to give you an edge when it comes to conquering the competitive academic job market or navigating a career in industry. Whether you're currently in the job market or gainfully employed, this discussion will help you understand the many ways a network can support your career development, as well as develop concrete strategies to build and activate your professional network.

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Biography:
Jill Abbott has worked successfully in the recruiting industry for 20 years. Prior to founding boutique search firm Chief Talent Solutions, Jill was an integral part of building out the Enterprise Science consulting team at Deloitte Consulting and led an Executive Recruiting team at EY. In addition, Jill previously led Global Talent Acquisition for Harman International, a top Connected Technologies company. Jill has a BS in Accounting from the University of Illinois in Urbana/Champaign and earned her CPA license in Illinois. She also maintains credentials as a Senior Professional in Human Resources (SPHR) and as a Society for Human Resource Management Senior Certified Professional (SHRM-SCP). Jill has lived in southeast Michigan since 1995 and is married with three teenagers, and she enjoys discussing all topics career-related. She also likes chocolate, getting to the gym (to balance the chocolate eating), going to outdoor concerts, and boating with friends and family in the summertime.

Happy New Year, 2017
Al Denio

The Election –
The Methodist woman got over 2 million votes more than the Presbyterian guy who won the Electoral College vote. He replaces President Obama on January 20. As I write this he is filling Cabinet positions. Not a chemist so far!

I worry about the E.P.A., will it disappear? How about O.S.H.A? Will it be lost also? I hope not or chem labs might retreat to the “good old days” when we were awash in benzene, carbon tetrachloride and other carcinogens. We cleaned glassware with sulfuric acid/potassium dichromate solutions. Fume hoods often had face velocities close to zero. It is amazing that I am still alive and well (more or less). Our world of chemistry may see some scary changes.

Four more states approved “recreational” marijuana. The stoner culture is certainly growing. How will this impact highway safety? Scary thought. On the upside, this means more jobs for analytical and agricultural chemists. Solito Sumulong, once a chemist in Ag Products at Stine Haskell Labs, now works in Colorado. Pot farms are good for his business.

National Chemistry Week –
The Delaware Section event was held at the Independence School on November 5. Maggie Schooler was in charge of

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this effort to take chemistry to the public. Thanks to Lois Weyer for the large turnout of Girl Scouts. The total attendance was quite good. Professor Burnaby Munson was there with a group of U.D. students. Professor Malcolm DeSousa came with a group of his students from Wesley College in Dover. Other dedicated volunteers from our Section were Andi Martin, Allison Moore, Norm Henry, and our famous new ACS Fellow, Dr. Mike Stemniski. He did his annual Chem Demo Show from 3 to 4 PM. Lots of smoke, fire, explosions, phase changes and fun reactions kept the kids enthralled. He did his usual hydrogen plus oxygen reaction, always a thrill.

Mike puts in a full day for his one-hour performance. He has to get dry ice, liquid nitrogen and large assortment of chemicals and equipment. He then loads up his car and drives to the school. Next he must transport all this stuff to the auditorium and set up his demonstrations. After the show, he cleans up, packs up and heads home. Luckily he had help from Professor DeSousa and his students in this final step. This event essentially wipes out a whole day. Luckily Mike is young, healthy and dedicated to chemistry. Next time you see him say thanks! Maybe even buy him a beer?

A Former Student –
from The University of Wisconsin-Eau Claire. George Rossman graduated in 1966 and was Prof. Harry Gray’s first grad student at Cal Tech. George earned his Ph.D. in Inorganic Chemistry and never left. He joined the Department of Geoplanetary Sciences (his true love was geochemistry) and is still teaching and doing research. He is famous in the world of gemstones. He even has a mineral named in his honor – Rossmanite. How neat is that?

Delaware Academy of Chemical Sciences –
We met recently and held elections for 2017. Ed Adams continues as President, assisted by Norm Henry as Vice President. Martha Hollomon will continue as Secretary and Marianne Cinaglia will serve another year as Treasurer. Other Board Members include Chris Peterson, Loraine Snead, Mike Stemniski, Solito Sumulong, Ed Wasserman and yours truly.

Our present nylon exhibit in the Department of Chemistry and Biochemistry at U.D. will soon be replaced by one on Kwolek and Kevlar, showcasing another great fiber from Dupont.

Thank You –
Peiwen Zheng has done a fine job as Chair of the Delaware Section. It is a job with many demands and we are lucky that she was willing to serve.

Thanks also to all of our other officers who donate their time and energy in the support of ACS. I appreciate your efforts!
The Delaware Section of the American Chemical society is looking for candidates for local section officers to run in the May 2017 elections. The terms would begin January 2018. If you or someone you know is interested in running for the following positions, please contact Peiwen Zheng at 302-695-2964 or by email at peiwen.zheng@dupont.com. The deadline for submission of materials is March 1, 2017. The positions that are open include:

- Chair Elect.............................................................1 year term
- Secretary...............................................................1 year term
- Director.................................................................3 year term
- Treasurer...............................................................2 year term

Job descriptions can be found at: [http://www.delawareacs.org/documents](http://www.delawareacs.org/documents)

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13th Annual Plastic Chemistry Fair

**Date:** January 29, 2017

**Time:** 11:00 a.m. – 4:00 p.m.

**Location:** The Franklin Institute
222 N 20th St., Philadelphia PA 19103

**Event Type:** Open to the Public

**Fee:** None

**Registration:** Not Required

**Details:**
The 13th Annual Plastic Chemistry Fair is again being held at the Franklin Institute! Come learn about Plastics for Sports, Plastics in fashion and cosmetics, participate in a scavenger hunt for prizes. There are two new Dr. T. shows! This year you can see demonstrations about plastics for automation in “Plastic People”. You can learn about how plastics can bring our imagination to life, or frustrate counterfeiters in “That's Fake!”.
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SEARCHING FOR THAT SPECIAL JOB?

There are many companies and organizations searching for chemical and biochemical personnel to fill important jobs in their organizations.

- Companies for laboratory and management positions
- Universities & Colleges for teaching positions and laboratory personnel
- Hospitals for technical and research personnel

There are several web sites that may help you search for these open positions.

- www.mboservices.net/recr_disp.php
- http://membership.acs.org/D/Del/#Jobs
- http://pubs.acs.org/chemjobs/

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to thank Maggie Schooler and the organization team for a fantastic the National Chemistry Week celebration, which took place on Saturday November 5th, 2016. The theme was DNA in solving mysteries. How cool, right? Well, one of my favorite fictional characters is Sherlock Holmes, and DNA-based forensic science wasn’t in vogue in his days. Yet, the science behind DNA forensic is no less deductive and requires reasoning skills that would make Mr. Holmes proud. And it is events like this past NCW celebration that brings science into stories that we can relate bring the discipline to live in the hearts and minds of our young generation. It is events like these that we aim to bring to you.

Additionally, there is a social aspect to what we do as scientists and engineers. Our first Section event for the year will be on bringing our technical skills into networking (I personally prefer to call it “relationship building” using our technical skills). We are delighted to have Jill Abbott to come and engage us in some fun on Saturday January 28. More information can be found in the “announcement” section of this bulletin. Please come and simply have fun. Refreshments and snacks will be provided. I look forward to meeting you and getting to know you better.

Again, your voice is paramount to the Section. Please feel free provide feedback to any of the executive committee members throughout the year by phone or email. We want to hear from you. You can find our contact information in any of this year’s Del Chem bulletin or online at http://www.delawareacs.org/. Thank you for your support and readership as well as the opportunity to serve you this year.

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January

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