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Advertising: Victor Tortorelli, vtortorelli@ursinus.edu
Greetings to all on a lovely spring afternoon! I am enjoying the bright sunshine and a refreshing breeze as I write this month’s column. Things are very active now as the Section prepares to celebrate our 50-, 60-, and 70-year members. I am hoping for a repeat of the current weather on June 20th as we gather at the William Penn Inn in North Wales, PA for this event. Please feel free to join us and encourage others to do so.

The Section is also proud of the recipients of this year’s awards for excellence in teaching; both at the pre-college and college level. Ms. Amanda Coopersmith of Holy Ghost Preparatory High School and Dr. Roy Keyer of Temple University. Let us all extend our congratulations to these two individuals who work tirelessly to inspire the next generation of chemistry students!

Joe Martino and I had the pleasure of attending the May meeting of the Chemical Consultants Network and ChemPharma at the Smokehouse Tavern in Lansdale, PA. The evening’s presentation by Dr. Peter Mlynek on patents was very interesting and informative. Do you know that the Chemical Consultants Network (CCN) is a topical discussion group within the ACS Philadelphia Section? If not, I encourage you to check them out along with the other topical groups within the Section. I want to extend my thanks to Dr. Keith Wing (Chair of CCN) for inviting us and for the hospitality and thoughtful discussion.

Please know that just because summer is around the corner, I will still be giving my full efforts to leading the Section. There are ideas and plans that I want to see become reality and I will do my best to make that happen. If during your down time over the summer months you have any ideas, suggestions, questions, or concerns regarding the Section please bring them to my attention. It is only through the spirit, dedication, and creativity of our membership that new ideas come forward and become reality.

My best wishes for a safe and relaxing summer season!

To all our members:

*We have a new website!*

As of June 1st you can find us at PhillyACS.org
The American Chemical Society named 22 students as 2019 SCI scholars. The outstanding undergraduate chemistry and chemical engineering students will receive industrial internships supported by the Society of Chemical Industry. Among the winners is Zoeb Mohammedshah of the University of Pennsylvania who will be placed with W.R. Grace.

The ACS division of chemical toxicology will present its 2019 Founders’ Award to Penn’s Trevor Penning during the San Diego meeting in August. He teaches biochemistry, biophysics, pharmacology as well as obstetrics/gynecology. His research in chemical toxicology and environmental science has yielded over 500 publications.

DEATHS

Peter N. Haytko, pharmaceutical scientist, age 74. He was a senior associate scientist with Janssen Pharmaceuticals. No further details available.

Brian McGuinness, organic chemist, April 10, 2019 at 55. He was director of chemistry at Venenum Biodesign in the field of drug discovery.

Jose E. Valentini, chemical engineer, April 11 at 68. He held various R&D positions with DuPont at several locations and also spent four years with Huntsman Textiles in Europe. He was an aviation instructor as well. Valentini was a 40+ year member of ACS.

Charles Maris Tatum, Jr., research chemist, April 21st at 71. After teaching three years at Middlebury College in Vermont, he joined Rohm and Haas as a senior scientist. He retired as senior vice president and CTO.
JUNE MEETING
THE PHILADELPHIA SECTION, AMERICAN CHEMICAL SOCIETY

presents

Luncheon Honoring 50-, 60- and 70-Year Members

Featuring:

Mukund S. Chorghade, PhD
THINQ Pharmaceuticals, and Chair, ACS Princeton Section

Fascinating Adventures in Chemistry:
A Personal Perspective

Thursday, June 20, 2019
10:30 AM – 1:30 PM

William Penn Inn
1017 Dekalb Pike (US 202)
Gwynedd, PA 19436

Register here

Or by contacting the Section Office PhilaACS@gmail.com (215)-382-1589

Board of Directors Meeting
William Penn Inn
1:30 PM
SPEAKER’S ABSTRACT AND BIOGRAPHY

Dr. Mukund S. Chorghade
THINQ Pharmaceuticals, and Chair, ACS Princeton Section

Fascinating Adventures in Chemistry: A Personal Perspective

Abstract: While biotechnological advances, genomics and high throughput screenings or combinatorial and asymmetric syntheses have opened new vistas in drug discovery and development, the industry is facing a serious innovation deficit. Critics suggest that “we have become high throughput in technology, yet have remained low throughput in thinking.” Process Chemistry/Route Selection are important activities in the path of a drug from discovery to market. We will exemplify these principles and the fun I have personally had in a sometimes chequered career in Chemistry. My path from an Indian foreign student to an American immigrant and then a US citizen has been a cherished one and I have benefitted from the generosity, magnanimity and wisdom of Americans at all stages of my life.

Biography: Dr. Mukund S. Chorghade is a serial entrepreneur, President and Chief Scientific Officer, THINQ Pharma/MVRC Research/Chorghade Enterprises. He is the Chief Scientific Officer of Chicago Discovery Solutions, and has had Adjunct Research Professor/Visiting Fellow/Scientists appointments at Harvard, MIT, Princeton, Cambridge, Caltech, University of Chicago, Rutgers, Strathclyde and several other universities.

Dr. Chorghade earned his BS and MS from the University of Poona, and a PhD in organic chemistry at Georgetown University. He completed postdoctoral appointments at the University of Virginia and Harvard University, visiting scientist appointments at University of British Columbia, College de France/Université Louis Pasteur, Cambridge and Caltech and directed research groups at Dow Chemicals, Abbott Laboratories, CytoMed and Genzyme. He has been a recipient of three “Scientist of the Year Awards” and is on the Scientific Advisory Board of several corporations/foundations.

He was privileged to be Section Chair of Brazoria (1990) and of Northeastern Section in 2007. He is Chair of the Princeton Section for 2019 and is currently on its Board of Directors. He is an active participant in ACS’ Career Services/Professional Development/Entrepreneurship and the Small Chemicals Businesses Division. He is the Chair of the RSC Committee on Process Chemistry and Technology (2018-2020)
Volunteers Needed: 259th ACS National Meeting in Philadelphia, Spring 2020

Philadelphia will be the site of the 259th ACS National Meeting in Spring 2020 (March 22 – 26, 2020). The theme of the 2020 Spring meeting is “Macromolecular Chemistry: the Second Century.” This is the Section’s call for volunteers to help plan: (a) items for display and give-away at the Host Section booth; and, (b) connect with technical program organizers seeking local professionals for session proposals and organizing.

We are seeking a group of volunteers with differing interests and time availability: (a) individuals who can staff the host booth at the Convention Center for 1 to 2 hours; (b) individuals who are creative and devise ideas for giveaways to attendees. We are seeking memorable giveaways that will connect with the macromolecules theme and/or Philadelphia. Some technical divisions are seeking local scientists willing to assist in generating session programs.

Please contact Sharon L. Haynie, PhD (SLHaynie55@gmail.com) to volunteer or for more information.

2019 Scholastic Achievement Award Winners

2019 Scholastic Achievement Award Winners (cont’d)

Gabrielle DiEmma  Arcadia University
Haley Varnum  Bryn Mawr College
Diana Rachii  Delaware Valley University
Morgan Hesser  Drexel University (Chemistry)
Lynnsey Rebner  Eastern University
Gabriel Braun  Haverford College
Morgan Bailey  Immaculata University
Daniel Coyle  LaSalle University
Ashley Rivera-Galletti  Rutgers University
Elise Brutschea  St. Joseph’s University
Colin Howell  Swarthmore College
Noah Sheedy  Temple University (Biochemistry)
Thi Tran  Temple University (Chemistry)
Eric Arellano  University of Pennsylvania (Chemistry)
Kyle Kersey  University of Pennsylvania (Chemical & Biomolecular Engineering)
Borna Novak  University of the Sciences in Philadelphia (Biochemistry)
Patrick Reagan  University of the Sciences in Philadelphia (Chemistry)
Julia Dorsheimer  Ursinus College
Claire Teahan  Villanova University (Chemistry)
Erica Knorr  West Chester University
Nicolie Aoki  Widener University
Join the American Chemical Society in Philadelphia on Tuesday, June 18 to develop critical workplace skills for STEM industry professionals. This workshop is ideal for chemists, chemical engineers, physicists, engineers, and other STEM professionals looking to advance in the first 10 years of their careers.

**During the workshop, you will learn how to:**
- Present your data more effectively to management
- Organize and run effective meetings
- Work more readily and successfully across age groups
- Manage projects more quickly and effectively

**Workshop Details:**
- Where: Philadelphia Marriott Downtown | 1201 Market Street Philadelphia, PA 19107 (map)
- When: Tuesday, June 18, 2019 | 9 AM - 4 PM
- Cost: $149 for ACS members | $329 for non-members

Your registration includes on-site lunch, as well as morning and afternoon networking breaks.

[Register Now]
CHEMISTS CELEBRATE EARTHWEEK—Bill Smith

The Section celebrated Earth Week in April as K-12 students wrote and illustrated poems using the CCEW theme, “Take Note: The Chemistry of Paper.” The poems came in the form of Haiku, Limerick, free verse, and blank verse. Topics included Bioplastics, Cellulose, Fiber, Lignin, Plastic, Polymer, Pulp, and Slurry.

Each of the students who participated received a certificate of Honorable Mention from the Section. First Place winners in each of the grade categories received a First Place certificate and a $50 dollar prize. Additionally, our Section’s winners have been submitted to National for possible further prizes and recognition at that level.

We congratulate the following first place winners:

Section Winners:

K-2 Norah Wichterman, Concord Elementary School, Glen Mills, PA
6-8 Noelle Lehrman, Paxon Hollow Middle School, Broomall, PA
9-12 Sigourney Sherlaw, Conestoga High School, Berwyn, PA

Thank you to the following Education and Outreach Committee volunteers: Elizabeth Bish, Lindsay Davis, Steven Fleming, Laura Grande, Lee Hoffman, Jean Mihelcic, Robert Stanley, and Deborah Walsh.

Norah Wichterman (grade 2)
Noelle Lehrman (grade 8)

The World Has Forever

CHANGED

Paper Poem
By: Noelle Lehrman

Paper lots of fun
Paper helps me get work done
It makes my day run

Lots of paper planes
Found in Russia and Ukraine
Paper boats and chains

But people don't know
Paper, it doesn't just grow
Process you should know

Pulp is now reused
Machines press pulp together
With plastic it's fused

Repeatedly pressed
Pulp transforms into paper
No need to be stressed

Sigourney Sherlaw (grade 11)
PHILADELPHIA SCIENCE CARNIVAL—Tom Umile

The Section joined over 150 exhibitors at the Philadelphia Science Carnival on May 4, 2019 on the Benjamin Franklin Parkway. Volunteers from the Section helped over 475 visitors investigate the chemistry of paper marbling. Each participant used shaving cream and food coloring to make a piece of artwork they could take home. Additionally, a description of the chemistry behind the marbling process and links to other science and art activities from the ACS website were printed in the back of each “canvas” so participants could continue exploring after the event.

Thank you to all our volunteers who made the day a success: Vanessa Boschi, Mike Brignone, Jim Gamrat, Taylor Keller, Joe Boscia, Jack Roireau, Dan Zuschlag, Destini Stanton, Bria Gillard, Eric Slaweski, Julia Tasca, Elle Gordon, and Jim Healy.
Date and Time: Wednesday, June 12, at The Cynwyd Club, Bala Cynwyd, PA; Networking, 5:30 PM; Buffet, 6:15 PM; Forum and Business Session, 7:30 PM

Program: As in the past, we will informally exchange questions and experiences relating to our activities as independent chemical consultants or our interests in becoming one. This gathering has been one of our most popular and enjoyable events, so don’t miss it.

Location: The Cynwyd Club, 332 Trevor Lane, Bala Cynwyd, PA 19004. MAP

Reservation: Click here to register to attend the event. Fee, including dinner and non-alcoholic beverages is $25 for individuals or $40 per couple. Reservation/cancellation deadline is at noon Monday, June 10, 2019. DRESS IS CASUAL.

CONSULTANTS - OPPORTUNITY HERE!  PLEASE VISIT http://www.chemconsultants.org/

Are You Getting the Benefits of CCN Membership or Event Participation?

THE CHEMICAL CONSULTANTS NETWORK PROVIDES VALUABLE TOOLS FOR MEMBERS BEYOND THE MEETINGS AND NETWORKING. CHECK OUT OUR:

• Valuable past presentations – Consultant s’ Directory – Blogs – Resources
• Join! Most valuable – post your consulting practice information – and have greater visibility!
• If you’d like to speak with one of our members, come to a CCN meeting
CAREER DEVELOPMENT

Being a part of one of our teams can help you develop organizational and meeting skills as well as help you to network with people from the largest area companies. Public Relations, such as sending out meeting notices and press releases, can help you to develop a network and help you get noticed!

All committees are looking for new members and several are looking for “take charge” chairs. Some, like the Teller’s Committee, involve minimal work—one night per year and pizza provided. Others, like positions on Communications or Social Committees, involve one or two hours per month.

Committee details can be found at:

www.membership.acs.org/p/philadelphia

or by calling the Philadelphia Section Office (215) 382-1589.

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## PHILADELPHIA SECTION, ACS
### CURRENT CALENDAR OF ACTIVITIES

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<tr>
<td>May 30th – June 1st</td>
<td>MARM 2019: Seeking Solutions Through Chemistry</td>
<td>Hosted by the Maryland Section of the ACS UMBC Baltimore, MD <a href="http://www.MARM2019.org">www.MARM2019.org</a></td>
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<td>Wednesday, June 12th 5:30 – 8:30 PM</td>
<td>Chemical Consultants Network Annual Open Forum Buffet</td>
<td>The Cynwyd Club 332 Trevor Lane Bala Cynwyd, PA <a href="http://chemconsultants.org/event-3364938">http://chemconsultants.org/event-3364938</a></td>
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<tr>
<td>Thursday, June 20th 5:30 – 9:30 PM</td>
<td>Princeton ACS Section Meeting: Current Developments within the ACS, with Special Emphasis on Meeting Needs of Chemical Scientists Across the Global Chemical Enterprise by Tom Connely (ACS)</td>
<td>Frick Chemistry Laboratory Princeton University Princeton, NJ <a href="http://chemists.princeton.edu/pacs/event/princeton-acs-june-20-meeting/">http://chemists.princeton.edu/pacs/event/princeton-acs-june-20-meeting/</a></td>
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Please check the individual websites for additional updated information

All content submissions are due on the 15th day of the month prior to publication