

the Catalyst

September 2022
Volume 107, No. 7



ACS
Chemistry for Life™



Edgar Fahs Smith Memorial Lecture
Dr. Squire J. Booker
Evan Pugh University Professor of Chemistry
and of Biochemistry and Molecular Biology
The Pennsylvania State University

HIGHLIGHTS

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ADVANCE NOTICE

OCTOBER MEETING

Philadelphia Section Award Details TBD

See the OCTOBER issue of *the Catalyst* for details,
call the Section Office at (267) 485-1792 or email PhilaACS@gmail.com.

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Advertising: Victor Tortorelli, vtortorelli@ursinus.edu

Comments From the Chair



Welcome back from summer vacation! I hope you had a chance to rest and get excited for all the ACS events we have planned for you this year. Personally, I am looking forward to the fall season mostly for the lower temperatures. Before I tell you about the future events, let's recap the summer activities in case you missed them.

Ivona Sasimovich In June we hosted the annual luncheon honoring the members with 50, 60 and 70 years of service to the ACS. We had 10 out of 44 honorees attend our luncheon. The members mingled with each other and representatives of the Board. It was a pleasure to get to know the people who have been serving this organization for so many years. When I asked to share their main reason for being ACS members, I was surprised by the wide range of reasons and the love for the *C&EN* newsletter!

In July we had our informal networking event that was hosted at Love City Brewing in Philadelphia. The event was organized by Candice Pelligra in collaboration with STLE, Engineers Without Borders, Association of Women in Science, AIChE and the Chemical Consultants Network. Over 40 people attended this event. It was definitely educational to meet representatives from other professional science and engineering organizations to compare how the pandemic affected them and what changes were introduced to their event programming. Given the attendance of this event, we would love to host more joint events in the future.

The National Fall Meeting took place in Chicago from August 21st to August 25th. We are all aware of the stress that is usually associated with preparations for the National meetings so we decided not to have any local events in August. I hope you enjoyed the meeting, whether in person or online, and I encourage you to apply all the lessons you learned about sustainability in your personal and professional lives.

Now let's see what the fall has to offer!

I am sure you have diligently read this newsletter every month and you may have noticed that some events have been postponed earlier this year due to the increase in number of cases of the certain virus I shall not name here again. I just want to make sure you are ready for the fall activities because our calendar is rather full.

On Monday, September 19th, the Edgar Fahs Smith Lecture will be hosted at the University of Pennsylvania. The guest speaker is Dr. Squire Booker, Evan Pugh University Professor of Chemistry and of Biochemistry and Molecular Biology from Pennsylvania State University. This event was postponed from the spring, and we hope to have another lecture in the spring of 2023.

For September, also be on the lookout for the mini-Leadership Institute that is organized by our Immediate Past-Chair, Dr. Christie McInnis. This event will give you a glimpse into the training that most of the officers of the ACS go through in order to serve you better.

October will bring us another Section Award and the lecture that will accompany that event. Our Chair-Elect, Dr. Graham Dobereiner has been busy all summer encouraging nominations!

I know you all share my hunger for knowledge, so you will definitely be excited to hear the Ullyot Public Affairs Lecture by Nobel laureate Frances Arnold. This hybrid event will take place on Thursday, November 17th.

If you know an exceptional industrial chemist who deserves recognition, you should let us know and nominate them for Industrial Relations Award!

That's from me this month. I will talk to you in October!

NEWS ATOMS—*Alan Warren*

Joseph Francisco, professor of chemistry at Penn, received the 2022 Centenary Prize of the Royal Society of Chemistry. The award recognizes "...pioneering and creative applications of computational chemistry to the field of atmospheric chemistry, and for excellence in communications." Francisco is a past president of ACS.

DEATHS

Cecily Littleton, scientist in the fields of x-ray crystallography and astronomy, April 14, 2022 at 95. She was born Cecily Darwin in Edinburgh, Scotland and was the great-granddaughter of Charles Darwin. She was a research fellow in the physics department at what is now the Fox Chase Cancer Center. Later she worked with astronomers at Haverford College and studied stellar evolution.

Littleton loved gardening and obtained horticultural certification at the Barnes Foundation. She went on to design landscapes in the Merion area. In 1989 she donated a chair that belonged to her great-grandfather to the Academy of Natural Sciences.

William H. Nicholson, chemist and patent attorney, May 15th at 92. While working as a chemist at Merck, Sharp and Dohme, he obtained his law degree and continued with Merck in the patents field.

William Joseph Smith, retired chemist, June 5th at 79. He was employed by the Pharma and Animal Health division of Smith Kline and then by Pfizer Animal Health.

George Richard Riser, retired physical chemist, June 21st at 98. He studied biology and first worked as a statistician for the Army Signal Corps in Philadelphia. He served as an entomologist with the US Army Quartermaster and was then employed for 23 years as a physical and polymer chemist with the US Department of Agriculture.

Francis R. Zuleski, retired chemist, June 22nd at 81. He spent his career with Warner Lambert (Pfizer) followed by Astra Zeneca.

Herbert Ellis Allen, emeritus professor, June 29th at 83. He served as director of Drexel University's Environmental Studies Institute and then taught civil and environmental engineering at the

University of Delaware. Allen was a 50+ year member of the ACS and was named an ACS Fellow in 2013.

John W. Kane, Jr., retired chemist and lawyer, July 2nd at 86. He was a chemist at Union Carbide and obtained his law degree in the evenings. In 1966 he joined Scott Paper where he eventually was named chief patent and environmental attorney.

OPPORTUNITIES TO VOLUNTEER

Younger Chemists Committee Program and Event Planning Volunteers: The Younger Chemist Committee (YCC) is a committee of the Philadelphia Local Section focusing on the needs of undergraduate, graduate, post doc, and early career chemists under 35 years old. The committee is looking for volunteers to help with program planning for the annual poster session to be held this Fall. Many hands make light work, so several volunteers are needed in this capacity! This is an excellent opportunity for students and early career chemists to assume leadership roles and network with likeminded scientists within the ACS community. The estimated time commitment would be less than 1 hour per week.

All interested individuals can reach out to Isabella Goodenough at:

igoodenough.acs@gmail.com

ACS CAREER CONSULTANTS

Would you like to speak to a local ACS Career Consultant? The Philadelphia Section career consultants can provide one-on-one career advice, resume reviews, or mock interviews. Please send an email request to acsphillycareerservices@gmail.com to set up an appointment.

2022 Edgar Fahs Smith Memorial Lecture



Presented by

The Philadelphia Section of
American Chemical Society
and
The Department of Chemistry,
University of Pennsylvania

When

Monday, September 19th
Reception starts at 5 pm
Lecture to follow

Where

University of Pennsylvania
Department of Chemistry
231 S 34th and Spruce Streets
Philadelphia, PA 19104-6323

Dr. Squire J. Booker

*Evan Pugh University Professor of
Chemistry and of Biochemistry
and Molecular Biology
Pennsylvania State University*

**A Radical Solution for
C(sp³)-C(sp³) Bond Formation
during the Biosynthesis of
Macrocyclic Membrane Lipids**



Register in advance

<https://bit.ly/3PpghLF>



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**THE PHILADELPHIA SECTION, AMERICAN CHEMICAL SOCIETY
AND THE DEPARTMENT OF CHEMISTRY,
UNIVERSITY OF PENNSYLVANIA PRESENT THE
2022 EDGAR FAHS SMITH MEMORIAL LECTURE**

Dr. Squire J. Booker

Evan Pugh University Professor of Chemistry and of Biochemistry and Molecular Biology

The Pennsylvania State University

A Radical Solution for C(sp³)–C(sp³) Bond Formation during the Biosynthesis of Macrocyclic Membrane Lipids

Archaea synthesize isoprenoid-based ether-linked membrane lipids, which enable them to withstand extreme environmental conditions, such as high temperatures, high salinity, and low or high pH values. In some archaea, such as *Methanocaldococcus jannaschii*, these lipids are further modified by forming carbon–carbon bonds between the termini of two lipid tails within one glycerophospholipid to generate the macrocyclic archaeol or forming two carbon–carbon bonds between the termini of two lipid tails from two glycerophospholipids to generate the macrocycle glycerol dibiphytanyl glycerol tetraether (GDGT). GDGT contains two 40-carbon lipid chains (biphytanyl chains) that span both leaflets of the membrane, providing enhanced stability to extreme conditions. How these specialized lipids are formed has puzzled scientists for decades. The reaction necessitates coupling two completely inert sp³-hybridized carbon centers, which has not been observed in nature. Here we use X-ray crystallography, high-resolution mass spectrometry, chemical synthesis, and biochemical analyses to show that the gene product of mj0619 from *M. jannaschii*, which encodes a radical S-adenosylmethionine enzyme, is responsible for biphytanyl chain formation during synthesis of both the macrocyclic archaeol and GDGT membrane lipids.

For the details and registration, please visit <https://bit.ly/3PpghLF>



ACS Local Section
Philadelphia

742nd ACS Philadelphia Section Board of Directors Meeting

Call for Agenda

The 742th Meeting of the Board of Directors of the ACS Philadelphia Section will be held from **7:00 PM to 8:00 PM** on **Thursday, September 8th, 2022** by teleconference.

- Those interested in being added to the agenda are kindly asked to send a request to the Chair (ivona.sasimovich@gmail.com) by **Wednesday, September 7th, 2022** for inclusion in the agenda.
- All Officers will be included on the agenda to verbally report by default.
- **Please Note:** If a written report or notice of a verbal report is not submitted to the Chair by the specified deadline, then all such reports will be relegated for discussion as "Other Business." Please note that the Chair cannot guarantee sufficient time for discussion in these cases.
- **All Board of Directors meetings will be open to the public.** Public access information for this teleconference will be released through the Section's website and by the Section's email blast.

Tentative Agenda

- I. Role Call
- II. Approval of Meeting Minutes
- III. Officers' Reports
- IV. Committee Reports
- V. Other Business

For those participating by teleconference: All Officers and Directors should have received a Google Calendar invitation with a Zoom Link. For those who have not received this information as well as for your convenience, please use the following information to access the teleconference:

By Internet: register by following this link: <https://bit.ly/3ty92rF>
Meeting ID: 816 2631 9042

By Phone:

Phone Number: +1 646 558 8656 or +1 301 715 8592
Access Code: 816 2631 9042

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HONORING OUR 50-,60- and 70-YEAR MEMBERS

We hosted a luncheon honoring our 50-, 60-, and 70-year members on June 16th at the William Penn Inn. Ten honorees attended in person and enjoyed the lunch with the fellow ACS members. During the event the honorees received certificates from the ACS National and shared their reasons for being long-term members of this organization. While each person has a unique reason for being a loyal member of ACS, many do share the love for *C&EN*.

SECTION MEMBERS CELEBRATING 50 YEARS OF SERVICE

Dr. Fu Chen



Fu was born in Taipei, Taiwan. Inspired by his high school chemistry teacher, he chose chemistry as career. After receiving a BS in chemistry from National Taiwan University, he attended the University of California at San Diego (UCSD), graduated with PhD majoring polymer science in 1974. He started his industry career at Phelps Dodge Magnet Wire Company in Fort Wayne, IN, then American Cyanamid in Stamford, CT.

In 1981, Fu joined Betz Laboratories, a water treatment company in Trevose, PA. His career flourished during the next decades. He invented numerous commercially successful water-soluble polymers for water treatment, paper process and oil field applications, was granted 80 US patents, and participated in production scale up at numerous places. He is the only two-time recipient of the Betz Technical Achievement Award. The polymer and manufacturing processes he invented are still widely used today. Fu is a registered US patent agent. Upon retirement, he has been consulting in polymer, water treatment and personal care. Fu resides in West Chester, PA with his wife, they have two grown children and three grandsons. He enjoys daily walking at nearby Longwood and Winterthur Garden.

Mr. Frank Doherty

Frank was born and raised in Philadelphia. He attended La Salle College, Temple University, and received a MS from the University of Pennsylvania. His first job was with the Social Security Administration. It was so long ago that they actually stored everyone's information in file cabinets. He worked for the Frankford Arsenal, Pennsylvania Department of Health, and for 38 years with SmithKline Clinical Laboratory and Quest Diagnostics. He lives in Havertown with his wife of 48 years, Anne. He has three children and four grandchildren. He is enjoying going to soccer, baseball, basketball games and dance recitals in his retirement.



Vincent A. Durante



Dr. Durante has led the commercialization of energetic materials, heterogeneous and anchored homogeneous catalysts, processes for the production of fuels and petrochemicals, and selective adsorbents for environmental remediation. His consulting firm, Catalysis Vision LLC, delivers insight regarding advanced catalytic materials and viability of inchoate technologies. Previously, Vince held the position of Manager of Technology and Science Group for Alloy Surfaces Co/ Chemring USA where he led commercialization of products based on thin-layer skeletal metal alloys for applications such as infrared guided missile countermeasures and for intensified processes for production of hydrogen. Vince also helped develop extremely long-lived membrane electrode assemblies for the PEM fuel cell technologies business of W.L. Gore and Associates and invented a class of materials with the greatest known affinity for binding mercury at elevated temperatures, useful in environmental remediation applications. He also contributed to the launch of the *Remedia*TM line of dioxin-destructive catalytic filters. As Senior Principal Scientist and Group Leader for Sunoco, Inc, his group developed “green” processes for the production of chemicals and future fuels, largely based on catalytic selective oxidation. Vince also developed zeolitic products and FCC catalysts for Engelhard Corp. (now BASF). His doctorate was awarded by the University of California, Santa Barbara, and his undergraduate degree in chemistry is from Rutgers University.

David P. Hesson

David P. Hesson was born in Ann Arbor, MI and grew up to the sights and sounds of the UofM. He entered the UofM as a student interested in science and fell in love with chemistry. David matriculated from the classroom to the summertime lab of Assistant Professor Joseph Marino. With encouragement and mentoring David graduated with a BS in Chemistry and moved on to graduate school at MIT and the laboratory of Professor Jack Baldwin. After four years working on the synthesis of penicillin analogs, he moved up Massachusetts Avenue to the Harvard lab of Professor R.B. Woodward as an NIH Fellow.



David left Harvard to join the expanding pharmaceutical effort at DuPont where he started as a bench chemist doing antiviral and cancer research. He discovered Brequinar the first DHODH inhibitor to go into cancer clinical trials. He then moved to positions as Director of Medicinal Chemistry, Corporate R&D Planning, Clinical Research, and Director of Oncology. David left DuPont after 15 years to join a previous boss at Symphony Pharmaceuticals for his first venture into small startup companies. He has worked for several additional small and medium size startups with the latest as VP of Drug Development at Clear Creek Bio. He was a visiting scholar at the University of Pennsylvania Medical school for seven years. He has to his credit 23 publications and 15 allowed patents.

Dr. Gary Larson



Gary Larson received BS and MA degrees in Chemistry from Western Michigan University. After graduation, he worked in the research division of Parke Davis Pharmaceuticals in Ann Arbor, MI for three years. His work there was focused on making experimental drugs for the treatment of Schistosomiasis. In 1977 he entered graduate school at The Ohio State University and obtained a PhD in organic chemistry. Upon graduation, he joined the Rohm and Haas Company working at their Spring House research center. During his career, he worked in the Pioneering Research Department and in the Construction Products, Industrial Coatings and Powder Coatings businesses. He received a Vice Presidents Award for developing a new coatings technology. In

2010 he joined AkzoNobel powder coatings when The Dow Chemical Company sold the powder coating division of Rohm and Haas. While at AkzoNobel he worked on a new generation of automotive powder coating. Gary enjoyed giving short course lectures at both the FSCT annual meetings and at the annual coating course at NDSU. He is a technical editor for the *Journal of Coatings Technology and Research*. Dr Larson has several publications and numerous patents in the areas of emulsion polymerization, industrial coatings, cement modifiers and powder coatings.

Dr. Peter Wade

Peter Wade earned a BS from the University of Massachusetts, Lowell in 1968 and a PhD degree (Org. Chem., with N. Kornblum) from Purdue University in 1973. He did successive postdocs at the University of Groningen in the Netherlands (with H. Hogeveen) in 1973-1974 and at Harvard University (IBM Fellow with R.B. Woodward) in 1974-1976. He has been employed as Asst. Professor of Chemistry at Drexel from 1976-1987 and as Assoc. Professor from 1987-2017, serving as Department Head from 2003-2006. Since 2017, he has been Emeritus Professor of Chemistry at Drexel. His research includes studies on β -hydroxy- α -nitrosulfones as hemiacetal mimics, [3,3]-sigmatropic rearrangements of O-allylnitronic esters, synthesis of strained-ring nitro compounds, and the use of nitrile oxides and unsaturated α -nitrosulfones as reactive intermediates. He is a former ACS Alternate Councilor for the Philadelphia Section and former Chairman of POCC (1985). He has supervised 11 PhD students to completion and has published 63 refereed research papers with one additional publication to be submitted this year. He has received a total of \$300,000 in funding from DHHS (NCI), PRF, NATO, Eli Lilly, ERDEC (Batelle), and ARDEC. Peter has served as a Reviewer for certification of BS, MS, and PhD chemistry programs during visits to five universities in the UAE.



SECTION MEMBERS ALSO CELEBRATING 50 YEARS

Mr. John Ashmore, Mrs. Bonnie Buchak, Dr. Richard Earley, Dr. Mark Freilich, Mr. Dimitri Gaitanopoulos, Dr. Merlin Grieser, Mr. Harold Heller, Mr. Richard Houghton, Dr. Greg Martinchek, Mr. David Milora, Dr. Nelson Mossholder, Dr. Robert Shabaker, Mr. David Streelman, Mr. Joseph Venslavsky, Dr. Robert Woodruff.

SECTION MEMBERS CELEBRATING 60 YEARS OF SERVICE

Dr. Chandrakant Thanawalla



Born in India, I came to the US with a Master's degree in Chemistry from Bombay University and received a PhD in Organic Chemistry from Wayne State University. I worked in the Research and Development departments of several Chemical Companies, including Pennwalt, Sartomer, ARCO Chemical, and DuPont and retired from Dow Corning Corporation. Since then, I wrote a book on complying with TSCA Inventory regulations and worked as an Independent Contractor until 2015, helping chemical companies file PreManufacturing Notification document for their new chemicals. Currently, I live with my family in suburban Philadelphia and enjoy my retirement reading and playing bridge.

Dr. William Hurley

I became an official member of ACS after graduating with a BS in Chemistry in 1962 from Villanova University. I then pursued my Doctorate in Chemistry at Princeton. After Princeton I joined the Magnetics Products Venture in DuPont's Photo Products Department at its Experimental Station in Wilmington, DE. In 1971 I relocated to DuPont's R&D facility in Parlin, NJ where I was promoted to Research Supervisor. In 1974 I was transferred to Photo Products' Laboratory in Rochester, NY. In 1980 I was transferred to the Netherlands to help start up a new JV with the N.V. Philips Company. I returned to Wilmington, DE and was named Technical Manager of DuPont's Magnetic Products Division. Following that I was appointed Venture Manager, Thermomagnetic Duplication (TMD). After it was commercialized, this product was nominated for an EMMY award. In 1989 I became Laboratory Director, Film Department, Circleville, OH. I returned to Wilmington in 1993 and was appointed Director, Alternate Energy Initiative, Corporate Plans. I elected to retire in 1989. Then I became Business Fellow in Villanova's School of Business where I taught Strategic Management, and Entrepreneurship courses for 20 years. During all this time., I've appreciated being a member of ACS.



SECTION MEMBERS ALSO CELEBRATING 60 YEARS

Ms. Jane Barth, Dr. David Berkebile, Mr. Andrew Breidenbach, Jr., Sr. Ann Gallagher, Ms. Anna Grandizio, Dr. Frank Klein, Mr. John Larsen, Dr. Clelia Mallory, Mr. Algie Manuel, Mrs. Sandra McKelvey, Dr. Michael Micklus, Dr. G. Padmanabhan, Mr. Vane Smith, Jr., Mr. John Wojcik, Ms. Laura Zaika.

SECTION MEMBERS CELEBRATING 70 YEARS OF SERVICE

Dr. James Harris, Dr. George Inglessis, Dr. Paul Kronick, Dr. Richard Neddenriep, Mr. Kenneth Varley, Mr. Alfred Wolsky.



TWO SECTION MEMBERS NAMED 2022 ACS FELLOWS

At least two members of the Philadelphia Section of the American Chemical Society were among 45 new ACS Fellows announced this year. The fellows program recognizes members for outstanding achievements in and contributions to the science, the profession, and the Society.



Marge Matthews is retired from Clarivate, an analytics firm that acquired the Intellectual Property and Science Division of Thomson Reuters. She continues to work part-time with Netbridge Technologies, an online services company. She has held a variety of information documentation and management positions, most notably with the former Institute of Scientific Information that became Thomson Scientific.

She has long been involved with editing and proofreading including many years with the newsletter of the ACS Division of Chemical Information. She served in several capacities with the ACS Divisional Activities Committee. Marge also served the Philadelphia Section as councilor and alternate councilor as well as a member of the board of directors. She was editor-in-chief of *the Catalyst* for several years and continues as a member of the section's Communications Committee.

From 2005 to 2007 Marge was assistant to the managing editor of the American Chemical Society journal *Organic Letters*. She has received service awards from both the Division of Chemical Information and the Philadelphia Section.

Shu Yang is a professor in the Department of Materials Science & Engineering, and Chemical & Biomolecular Engineering at the University of Pennsylvania, and currently serves as Department Chair of MSE. After obtaining degrees from Fudan University in Shanghai and Cornell University, Yang was employed by Lucent Technologies' Bell Laboratories. She joined the Penn faculty in 2004.

Shu is also deputy director of the Laboratory for Research on the Structure of Matter, funded by the National Science Foundation at Penn. She serves as a member-at-large of the ACS Division of Polymeric Materials Science & Engineering. She has held various editorial positions with such journals as *Nanoscale*, *Polymers*, *Polymer Reviews*, *Materials Horizon*, and *Science Advances*.

Shu's research group at Penn is involved with the synthesis, fabrication, and assembly of polymers, gels, liquid crystals, colloids, and composite materials. The Yang lab explores surface and mechanical properties of materials for coatings, adhesives, displays, bio-sensors, energy efficient building skins, soft robotics, biomedical devices, and wearable technology.



2022 ELECTION INFORMATION

The 2022 Philadelphia Local Section Election is approaching. This election will be held from **Monday, September 26, 2022 through Wednesday, October 26, 2022 concluding at 11:59 PM**. The election will be done electronically using SurveyMonkey.

If you do not have a registered email address with National ACS, a postcard announcing the election will be sent to your mailing address and you can request a paper ballot from Steven A. Fleming by email at steve.fleming@temple.edu. You can also request a paper ballot and/or candidate bio's, from: Steven A. Fleming, Temple University, 1901 N 13th Street, Philadelphia, PA, 19122.

All ballots, paper and electronic, must be received by **Wednesday, October 26, 2022 at 11:59 PM**.

The list of candidates running for each office and their biographies can be found by [clicking here](#). The list of candidates running for each office is given below:

Chair-Elect – [click here](#) for biographies

- Matthew Irwin
- David Salas-de la Cruz

Treasurer – [click here](#) for biography

- Wei Wang

Director – [click here](#) for biographies

- Amy Brown
- Jarrod Cohen
- Jason P. Cross
- Anne S. DeMasi
- Wei Gao
- Matthew Irwin
- Steven M. LaMonaca
- Ziang Li
- Christine E. McInnis
- John Milligan
- Kathleen Ann (Kathy) Thrush Shaginaw

Councilor – [click here](#) for biographies

- Anthony W. (Tony) Addison
- Deborah H. Cook
- Jason P. Cross
- Rick Ewing
- Marta Guron
- Marge Matthews
- Christine E. McInnis
- James K. Murray, Jr.
- Ann Rowley
- Victor J. Tortorelli

Clarkson Materials Chemistry Symposium

Advanced Functional Materials for Emerging Science and Technology

Clarkson University and CAMP are excited to host a 1.5-day symposium on **October 1-2 2022**, which will bring together leaders in the field of materials chemistry, including invited speakers and student posters.



Plenary Speaker:

Omar Farha (Northwestern University)

Keynote Speakers:

Tomislav Frišić (McGill University)

Silvana Andreescu (Clarkson University)

Christopher Ober (Cornell University)

Confirmed speakers: Paschalis Alexandridis (U. Buffalo), Surita Bhatia (Stony Brook), Eric Bloch (U. Delaware), Kelly Burke (UConn), Brett Fors (Cornell), Ashlee Howarth (Concordia U.), Pat Mather (Penn State), Philip Milner (Cornell), Colin Nuckolls (Columbia), Rajesh Sunasee (Plattsburgh), Marcus Weck (NYU), Tom Woo (U. Ottawa), Helen Zha (RPI). More to follow

Join 100+ researchers in Potsdam NY in the foothills of the Adirondack Mountains during the beautiful fall season. Get more information and register at:

<https://sites.clarkson.edu/camp/clarkson-materials-chemistry-symposium/>



ACS Local Section
Northern New York



CAMP
Center for Advanced
Materials Processing

740th ACS Philadelphia Section Board of Directors Meeting

Thursday, May 12, 2022

Teleconference Meeting

Present: Catherine Bentzley, Amy Brown, David J. Cichowicz, Deborah H. Cook, Anne DeMasi, Graham Dobereiner, Rick Ewing, Isabella Goodenough, Christine McInnis, Sr. Rose Mulligan, James K. Murray, David Salas-de la Cruz, Ivona Sasimovich, Kathleen Shaginaw, Victor Tortorelli, and Ann Valentine

Excused: Michael Castaldi, Melissa Cichowicz, Sharon Haynie, Kathryn Lysko, and Wei Wang

The 740th Board Meeting of the Philadelphia Section, ACS, was called to order at 7:03 PM and the ACS Code of Conduct was read.

I. Roll Call

Roll was taken and a quorum was present to begin the meeting.

II. Approval of Meeting Minutes

The April 21, 2022, 739th BoD meeting minutes were approved as amended.

III. Officers' Reports:

a. Chair – Ivona Sasimovich

- **MARM 2022**

- Division of Chemical Education (CHED) Region Award for Excellence in High School Teaching, June 4
 - Ms. Siobhan McVay from our Phila. Section will be awarded!

- **Local Section Dues for 2023**

- Currently \$10.00, voluntary payment.
- Will keep the same for 2022-2023 year. During this year, the topic of dues will be revisited to evaluate if the price will stay the same or increase.
- Ivona will ask Wei to check with National to see what other sections charge for dues.

- **50-, 60-, 70-Year Member Luncheon**

- Set for Thursday, June 16.
- Ivona has called and emailed the 44 names she has from the members list. Phone/email information not reliable.
 - Christie offered that sending letters worked well in the past.
 - Ivona will send out letters.
- 8-9 people so far said they will attend.
 - Some people no longer in area.
 - Some said would prefer to give donation than pay for lunch.

- **Networking Event – July or August**

- Still contacting organizations in area to see best month. Two organizations have responded back.

- **Leadership Institute – for Phila. Section and surrounding sections.**

- September, possibly 2nd week at St. Joseph's University

- **Ulyot Public Affairs Lecture – November 17**

- Dr. Frances Arnold, 2018 Nobel Prize in Chemistry, first directed evolution of enzymes.

b. **Chair-Elect** – Graham Dobereiner

- Awards Committee
 - Soliciting nominations for Section Award, deadline August 1
 - Will reach out to industrial folks as well as academic.
 - Section Award usually in October. The event may be held at the person's site whether academic /industrial. Some host institutions help to sponsor, help in set-up, and encourage others from the same site to attend. However, option is open to host at a third-party site.
 - From Award Ceremony in April, Deb remembered that the pre-college awardee receives a gift of a paid year subscription to AACT, American Association of Chemistry Teachers. Graham will investigate this.

c. **Immediate Past Chair**—Christie McInnis

- Election slate for 2022-2023 was discussed.
- Three candidates still confirming ACS membership due to name change and section change. Christie will work with Sr. Rose.
- On the slate presented, one person was added to Board of Director category.
- Board confirmed that a person can be on for two spots on the election slate, e.g. Board of Director and Chair Elect.
- It was proposed that the BoD look at the by-laws to possibly add ex-officio members. This will be a topic revisited in the 2022-2023 year. This would involve changes to the by-laws.
- Treasurer role, 2-year term, Wei recognized the value of being mentored into this role. It was proposed that a next treasurer be identified to be mentored into the role.
 - Vic suggested that a next treasurer may want to serve on the budget and finance committee to prepare for the role.
 - A treasurer-elect spot was also proposed. This discussion will be revisited as this would involve changes to the by-laws.
- The election slate with the addition of one name was unanimously approved with one abstention.

d. **Secretary** – Sister Rose Mulligan

- No report

e. **Treasurer** – Wei Wang

- The treasurer's report was unanimously approved.

f. **Chair of Council Affairs** – Anne DeMasi

- District 3 represented by Alan Cooper, a member from Chemical Society of Washington DC taking his place.
- Meeting in Chicago will be hybrid.
- For Councilors, an additional \$399 for those attending in person, \$199 for those attending virtually.

- Information for Councilors to join committees did not go out to all. Deb will check to see if email came out.

IV. Committee Reports

a. Career Services – Jim Murray

- Reached out to committee for a date for an end of May or beginning of June meeting.
- Looking to have in-person events in Fall.

V. Other Business

- Chem Wars, April 2022, organized by Catherine Bentzley,
 - Participation included: 47 students, 11 teams, 6 different schools
 - Drexel, LaSalle, St. Joseph U, Temple, USciences, Widener
 - Activities included: Dry ice hockey, electron pong, chemistry trivia, lab safety dance, among other activities
 - To make this more sustainable:
 - Look to have Local Section Group – Education and Outreach
 - Catherine will reach out to the committee chair.
 - Look into IPG, Innovative Program Grant, \$3500, two-rounds offered each year from ACS.
 - Isabella suggested partnering with YCC.
 - Board will also pursue possibility of giving this event a line item in the budget.

Next meeting, Thursday, June 9th. No BoD meeting in July or August.

The meeting was adjourned at 8:00 PM.

Sister Rose B. Mulligan, IHM

Chemical Consultants Network ZOOM MEETING

SEPTEMBER 14, 2022

CONSULTING: THE BUSINESS THAT GENERATES MEGA DOLLARS AND PUTS YOU IN CONTROL OF YOUR FINANCIAL FUTURE

Marc Kramer – Angel Venture Fair

DATE & TIME: Wednesday, September 14, 2022 at 6:30 PM

[Click here to register](#)

Location: Online via Zoom! (Registration required, see below)

Biography: Marc Kramer, a Pennsylvania native, is an American serial entrepreneur of six companies, author of six books, and journalist. Marc has founded the country's first formally organized investor angel network, the Pennsylvania Private Investors Group and the country's first cyber bank insurance product for small businesses, Commercial Deposit Insurance. He coaches startup entrepreneurs and provides management, leadership, marketing, consulting training and innovation advice for startup companies. Currently, Kramer is the executive director of the Angel Venture Fair which brings together entrepreneurs and investors from around the world to meet for business investment opportunities. He is the host and founder of The Best Business Minds which attracts listeners from 62 countries. He received the 2022 Communicator Awards Distinction Series-Business for Podcasts. Marc is the author of "Consulting: The Business That Generates Mega Dollars and Puts You in Control of Your Financial Future" (https://en.wikipedia.org/wiki/Marc_Kramer)

Abstract: In this webinar, Marc will offer his insight and advice for the following:

- Should you become a consultant?
- What is the profile of your potential clients?
- Is there a market for your expertise?
- What it takes to get clients?
- Is your spouse or significant other on board?
- What is the initial cost for starting your consultancy?
- What are the organizations where you can meet other consultants?

[Click here to register to attend the event.](#) This session is **FREE**.

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

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

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- [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

DIRECTORY OF SERVICES

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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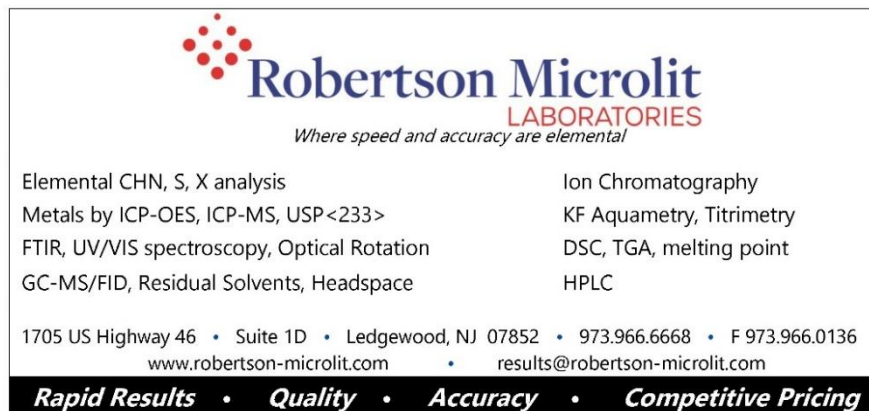
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