



The Crucible

American Chemical Society - Pittsburgh Section
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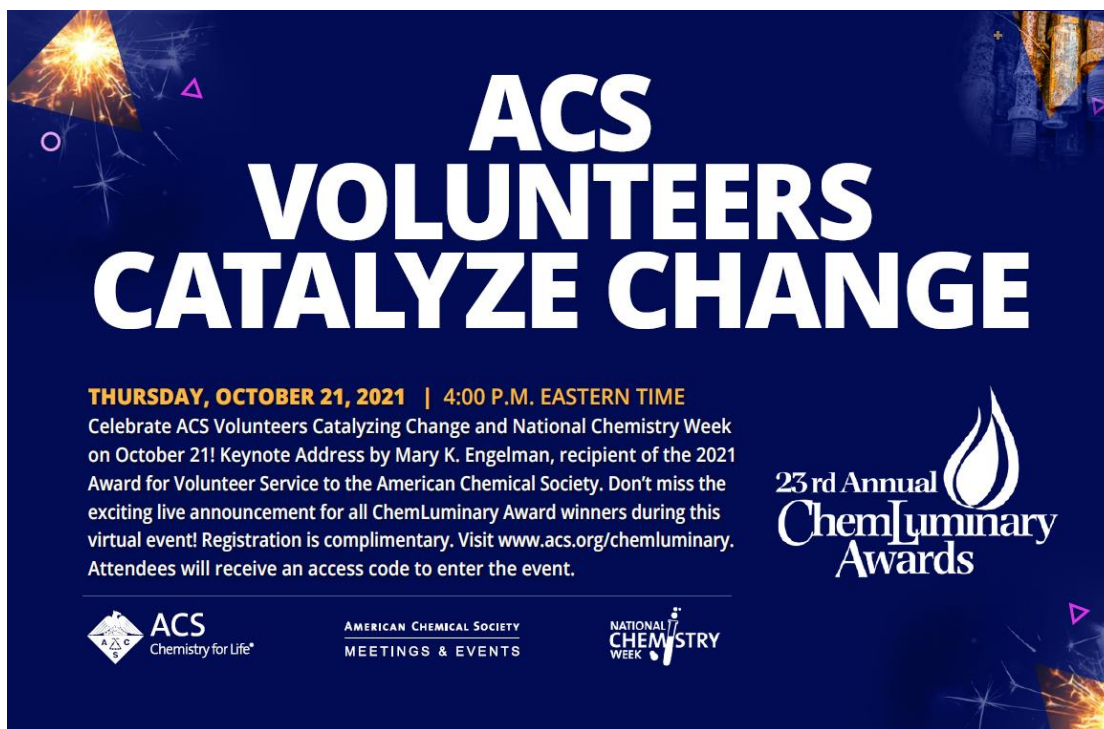
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The Pittsburgh Local Section has been selected as a finalist for the “Outstanding Performance” ChemLuminary Award!

The 23rd Annual ChemLuminary Awards ceremony will be held virtually during National Chemistry Week (October 17–23, 2021) on **Thursday, October 21 at 4 pm ET**. The ceremony will include a keynote address by Mary K. Engelman, Eastman Chemical (retired), recipient of the 2021 Award for Volunteer Service to the American Chemical Society, and the presentations of awards given by 18 committees of the Society will follow. This year's theme is "ACS Volunteers Catalyze Change," which honors the work of our volunteers to continue to improve people's lives. [Registration](#) is complimentary. Attendees will receive an access code to enter the event.


Congratulations Pittsburgh Section!



**ACS
VOLUNTEERS
CATALYZE CHANGE**

THURSDAY, OCTOBER 21, 2021 | 4:00 P.M. EASTERN TIME
Celebrate ACS Volunteers Catalyzing Change and National Chemistry Week on October 21! Keynote Address by Mary K. Engelman, recipient of the 2021 Award for Volunteer Service to the American Chemical Society. Don't miss the exciting live announcement for all ChemLuminary Award winners during this virtual event! Registration is complimentary. Visit www.acs.org/chemluminary. Attendees will receive an access code to enter the event.

**23rd Annual
ChemLuminary
Awards**

 **ACS**
Chemistry for Life®

AMERICAN CHEMICAL SOCIETY
MEETINGS & EVENTS

NATIONAL
CHEMISTRY
WEEK

September 1, 2021

Report on: ACS FALL 2021 NATIONAL MEETING – Atlanta, GA (Hybrid)

Four of ACS Pittsburgh Section Councilors participated in the Virtual Council Meeting (Atlanta)

The meeting attracted approximately 8,205 registrations (1895 hybrid and 6,310 virtual) and no exposition.

The Committee on Nominations and Elections announced that Council elected Donna G. Friedman, Matthew Grandbois, Fran K. Kravitz and Louise M. Lawter for three-year terms (2022-2024) on the Council Policy Committee (CPC).

The Committee on Nominations and Elections announced that Council elected Allison Aldridge, Holly L. Davis, Peter K. Dorhout, Silvia Ronco, and Martin D. Rudd for three-year terms (2012-2024) on the Committee on Nominations and Elections (N&E).

The Committee on Nominations and Elections announced that Council elected Mary K. Engelman, Malika Jeffries-El, Brian M. Mathes, Susan V. Olesik and Susan M. Scheible for three-year terms (2022-2024) on the Committee on Committees (ConC).

The Committee on Meetings & Expositions reported that the total meeting registration was 8,205, (1895 hybrid and 6,310 virtual). Of the approximately 1,200 oral sessions held, 71 were in-person, 244 were hybrid, and 855 were held virtually.

On the recommendation of the Committee on Committees, and the concurrence of the Council Policy Committee, Council approved the Petition to Amend the Duties of the Committee on Minority Affairs. The Petition was amended on the floor of Council to strike the word “minority” in Standing Rule VIII, Sec. 1, b, (9). The Board added its approval in its meeting on August 28.

The Council (and then the Board) also approved the continuation of the Committee on Environmental Improvement.

On the recommendation of the Committee on Economic and Professional Affairs, and with the concurrence of the Council Policy Committee, Council (and then the Board) approved the 10th version of the Professional Employment Guidelines.

President Cheng introduced and led a special discussion on ideas to increase involvement and membership from business and industry. For the last 5 years there has been a steady decrease in industry members. This can be attributed to a variety of factors, but there have been ongoing efforts to decrease the cost-related attrition while increasing member value.

To address value, ACS has a variety of offerings available to members to advance, discover, connect, and share. To address cost, actions were taken by the Council this past spring in the schedule of membership for 2022 that will provide industry members with flexibility as to membership options. Councilor input was then requested on the following two questions:

1. How can we improve the value that ACS provides to its industrial and business members?
2. How can we encourage academic inventors and entrepreneurs and support start-ups?

The Council passed several resolutions:

1. In memory of two deceased Past Presidents, Helen M. Free and Daryle H. Busch;
2. In memory of deceased Councilors: Dr. Esther A. H. Hopkins, Ms. Jane V. Thomas, Dr. Joseph M. Antonucci, and Dr. Mark D. Frishberg;
3. Expressing thanks to the officers and members of the Georgia Local Section;
4. Acknowledging H. N. Cheng's service as ACS President and presiding officer of Council.

The Society's 2021 financial performance through June 30 yielded a Net Surplus from Operations of \$55.0 million, which is \$33.6 million favorable to budget and almost \$6 million greater than the same period in 2020. These mid-year results are based on total revenues of \$324.4 million that are 4.3% favorable to budget, and total expenses of \$269.4 million, or 7% below budget, with unrestricted new assets estimated at \$645 million.

On the recommendation of the Committee on Budget and Finance, the Board approved the ACS 2022 Spring and Fall Meetings in-person/hybrid member registration fee at \$399 and the virtual member registration fee at \$199, both within a range of +/- 15%.

We should all be proud for the involvement, commitment, and outstanding work that the members of the Pittsburgh Section exhibit! Thanks to all for your great work.

Pittsburgh Section
Councilors

Respectfully submitted,
Richard S. Danchik (Author)
Kim Woznack
Haitao Liu
Ed Zovinka

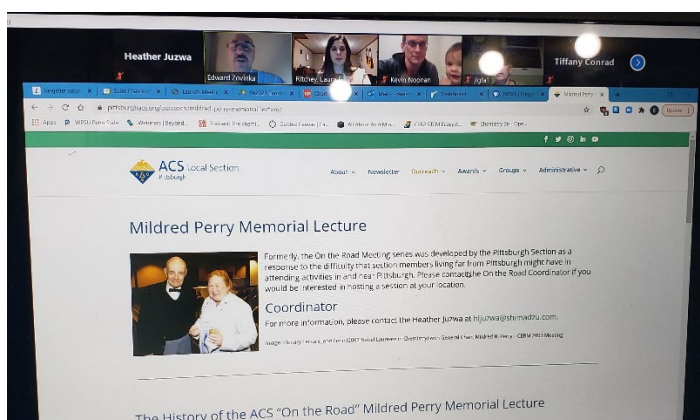
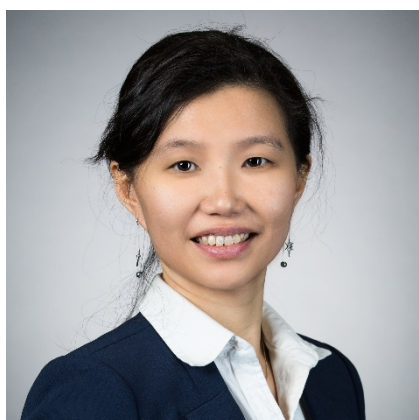


Second 2021 “On the Road” Mildred Perry Memorial Lecture – Another Great One

Thank you to Pittsburgh Section Councilor Ed Zovinka and St. Francis University for virtually hosting over 10 groups at the “On the Road” Lecture on September 15. Dr. Lan Deng from PPG shared her experience and perspective as an industrial chemist and told us about all the great things PPG does. She answered questions from current and future chemists alike following her talk!

Check out the photos below!

If your institution is interested in hosting an “On the Road” Lecture, please contact Ed Zovinka at ezovinka@francis.edu.



Lan Deng, Global Technical Director
Auto OEM Coatings, PPG



About Myself:

- Born and raised in China;
- Married for 18 years with 2 boys: Aaron (12) and Lucas (10);

Professional Experience:

- Ph.D. from University of California, Berkeley;
- Worked at Dow and Valspar for 7 years;
- Joined PPG as Refinish formulation group leader in 2014;
- Served briefly as Manager for Product Innovation in refinish marketing team, and Manager for Global S&T Strategy;
- Most recently served as Global Technical Platform Director, Powder Coatings;

Talking Lan Deng

PPG is

- FOUNDED 1883
- GLOBAL MAKER OF PAINTS COATINGS OPTICAL PRODUCTS SPECIALTY MATERIALS GLASS + FIBERGLASS
- OPERATIONS 70 COUNTRIES
- HEADQUARTERED IN PITTSBURGH, PA
- LEADER IN INDUSTRIAL TRANSPORTATION CONSUMER PRODUCTS MARKETS & AFTERMARKETS
- ENHANCES SURFACES *SM* THAN ANY OTHER COMPANY
- 46,000+ EMPLOYEES
- OWNED BY 215,000 SHAREHOLDERS INCLUDING 14,000 EMPLOYEES WITH RETIRES
- \$456MM 2019 R&D Expenditures
- GLOBAL LEADER IN INNOVATION COLOR AND SUSTAINABILITY

Talking Lan Deng



*Society for Analytical Chemists of Pittsburgh
Spectroscopy Society of Pittsburgh*



OCTOBER MEETING (*In-Person or Virtual*)

Wednesday, October 13, 2021



**DUQUESNE
UNIVERSITY**

in Pittsburgh



PLEASE NOTE THAT
DUQUESNE HAS AN IN-PERSON
MASK MANDATE IN PLACE

5 p.m. - Social Hour in the Shepperson Suite

5:30 p.m. - Technology Forum

6:30 p.m. - Dinner in the Power Center Ballroom

7:15 p.m. - Business Meeting in the Power Center Ballroom

8 p.m. - Technical Program in the Power Center Ballroom

SSP TECHNOLOGY FORUM

Reid Frazier, Energy Reporter, The Allegheny Front

**"Covering Western Pennsylvania's Energy and Environmental
Issues: Petrochemical and Shale gas industries"**



Biography

Reid has covered the fracking industry for the Allegheny Front, a public radio show that covers the environment, since 2011. He has won numerous awards for his reporting on everything from climate change, to chemicals to the fracking industry's lobbying and influence in Pennsylvania. His reporting on the issue has taken him from the Gulf Coast, Kentucky and Scotland. Reid has worked as a journalist for over 20 years in newspapers, magazines, and radio. His stories have aired on NPR, Marketplace, and other national radio outlets. A graduate of Hampshire College, he holds a master's degree in history from the University of Vermont. He lives in Pittsburgh with his wife and two daughters.

Abstract

Reid will discuss what scientists have learned about the impacts of fracking in the last decade on public health and the environment, what the expansion of the petrochemicals industry in Pennsylvania means for the state, and the climate implications of the industry. He will discuss the challenges of communicating the evolving science of a controversial industry as a journalist, and questions that are bound to arise as the industry evolves in Pennsylvania.

SSP TECHNICAL PROGRAM

Isa Noda, University of Delaware



"Historical Perspective on the Development of 2D Correlation Spectroscopy"

(A Virtual Presentation)

Biography

Born in Japan, Isao Noda received his Ph.D. from Columbia University and D.Sc. from the University of Tokyo. After retiring from P&G, he has held positions at University of Delaware and a biotechnology company Danimer Scientific. His research interest is in the broad area of polymer science and vibrational spectroscopy.

Abstract

The Pittsburgh Spectroscopy Award is given annually to a researcher who has demonstrated outstanding achievements in spectroscopy. Isao Noda was chosen based on his outstanding contribution in the advanced understanding and applications in the field of spectroscopy, his leadership in the scientific community, and his mentorship of young scientists. His research interest is in the broad area of polymer science and vibrational spectroscopy.

Additionally, his creative and prolific contributions to both molecular spectroscopy and polymer science through the development and application of Two-Dimensional Correlation Spectroscopy, has become very widely used worldwide for materials characterization.

His many patents, large number of published journal articles, and three coauthored books indicate the breadth and significance of these accomplishments from both academic and industrial perspectives. For these highly significant accomplishments, the Spectroscopy Society of Pittsburgh proudly confers this award.

MEETING RESERVATIONS: For both in-person and virtual reservations, please [CLICK HERE](#) by **BY NO LATER THAN Wednesday, October 6, 2021**. In-person entree choices include Wiener (Veal) Schnitzel with Braised Red Cabbage and Sauteed Spatzel or Grilled Vegetable Kabobs with Braised Red Cabbage and Sauteed Spatzel. Please let us know if you have any dietary restrictions. Dinner will cost \$10 (\$5 for undergraduate students). Checks can be made payable to either SACP or SSP, depending on your membership. Please note the dinner policy included in your document links regarding cancellations.

PARKING: Duquesne University Parking Garage entrance is on Forbes Avenue. Upon entering the garage, you will need to get a parking ticket and drive to upper floors. The Power Center can be accessed from the 8th Floor of the Forbes Garage. Bring your parking ticket to the dinner or meeting for a valedation sticker. Please contact Duquesne University, if any difficulties should arise. If there is a special event, please note that you are there for an SSP or SACP meeting to get a parking ticket.

For any questions or problems, please contact Colleen, the Society Coordinator, at 412-825-3220 (Ext. 215).

Pittsburgh Section Mourns the Loss of a Long-Time Volunteer



It is with deep sadness that we report the passing of Jay Auses. Jay served as President of Pittcon in 1992, Chair of the Society for Analytical Chemists of Pittsburgh in 1987-1988, co-Chair of the Central Regional Meeting in 2014, and Chair of the Pittsburgh Local Section in 2013. Those who knew Jay remember him as being incredibly kind and giving of his time and talents. You can read his obituary here: [Obituary | John "Jay" Paul Auses of Allegheny Twp., Pennsylvania | RUSIEWICZ FUNERAL HOMES INC. \(rusiewiczfh.com\)](#)

Pittsburgh Section Mourns the Loss of Long-Time Member Jerome Rosenberg



It is with deep sadness we report the loss of long-time ACS Pittsburgh Section member and 1987 Pittsburgh Award winner Jerome Rosenberg. You can find Jerry's obituary here: [Obituary: Jerome L. Rosenberg | Served for 64 years at Pitt as faculty member and administrator | Pittsburgh Post-Gazette](#)



ACS Local Section
Pittsburgh

To advance the broader chemistry enterprise
and its practitioners for the benefit of Pittsburgh
region and its people.

2021 Virtual Meeting Registration Grant Program Application

Conference Funding to attend virtual ACS meetings (local and national)

Undergraduates, graduates, and post-doctoral researchers are invited to apply for conference funding to attend upcoming virtual ACS meetings for the 2021 year. We anticipate up to 30 grants can be awarded and we are looking to support our local members. The goal of the funding is to defray the cost of registration for regional and national ACS meetings to enable more students to make presentations and learn about the broader field of study to which they belong. Please complete an application and submit to Kevin Noonan (noonan@andrew.cmu.edu) and Heather Juzwa (hjuzwa@shimadzu.com) via email. Applications will be accepted on a rolling cycle and considered throughout the entire 2021 year until all the funds have been disbursed.

Name of Applicant: _____

Name of Institution: _____

Undergraduate Student /Year

Graduate Student / Year

Mailing Address to Receive Payment if Awarded: _____

Email: _____ Phone: _____

PI: _____

ACS Membership No.*: _____

**If you do not know your ACS number, please email hjuzwa@shimadzu.com to receive it by email.*

American Chemical Society

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T [123] 123 4567 F [123] 123 4567 www.acs.org



ACS Meeting: _____ Meeting Date: _____

Project Title: _____

Paper Presentation

Poster Presentation

**Please attach a copy of your project abstract to the application.*

Has your project been accepted*? Yes No

**Attach documentation regarding acceptance if received at point of application.*

Will this be your first presentation at an ACS meeting? Yes No

Other funding sources (if any): _____

Has the applicant received a travel grant from the ACS Pittsburgh Section in the past? Yes No

If your application was selected, the Pittsburgh Section of the ACS would like at least one photo of your meeting experience.

I am willing to submit at least one photo of my meeting experience: Yes No

In under 1000 words, please write a personal paragraph or justification for why the Travel Grant Committee should fund your registration?



Signature: _____

Date: _____

2021 Pittsburgh Section Officers

Chair

Kevin Noonan
noonan@andrew.cmu.edu

Secretary

Sara Smith
90 Emerson Ln
Bridgeville, PA 15017
sara.smith@perkinelmer.com

Treasurer

Evonne Baldauff
51 W. College St.
Waynesburg, PA 15370
724-852-7617
ebaldauf@waynesburg.edu

Volunteers Needed!

We recently updated our website and are looking for someone to help with maintenance! If you are interested in volunteering, please contact Heather Juzwa at hjuzwa@shimadzu.com!

The Crucible Deadline

The deadline for items submitted to The Crucible is the 25th of the month prior to publication. For example, all items for the May 2021 issue must be to the editor by April 25th, 2021.

The Crucible

The Crucible is published monthly, August through May. All statements and opinions expressed herein are those of the editors or contributors and do not necessarily reflect the position of the Pittsburgh Section.

Design Editor: Alysia Mandato, crucible@pittsburghacs.org



Spectroscopy Society of Pittsburgh

Professional Networking
within the Spectroscopy
Community

Monthly Symposia by
Prominent Researchers

Promoting Science Education

To join, call 412-825-3220
Ext. 200



Society for Analytical Chemists of Pittsburgh

Calling New Members!

Dues Only \$10.00

Call the SACP Administrative
Assistant at 412-825-3220
Ext. 200 Right Now!

Advertise in The Crucible

	1X	3X	6X	10X
Full Page	\$120	\$115	\$100	\$75
Half Page	\$75	\$70	\$60	\$45
3.5" x 2"	\$50	\$45	\$25	\$20

ACS Member-Get-a-Member

Recruit a new member to the American Chemical Society and receive a free 2021 Periodic Table of the Elements blanket!

See [here](#) for more information

ACS Regional Awards – Apply Today!

More information can be found [here](#)