



American Chemical Society Susquehanna Valley Section

MAY 2024 NEWSLETTER

LOCAL SECTION ELECTIONS FOR 2024 OFFICERS:

Our Local Section needs nominations for the following positions:

- **Chair-elect** (one year term as Chair-Elect, one year as Chair, and one year as Past Chair)
- **Secretary** (three-year term)

and, although we have nominees for the following positions, additional nominations may be submitted for these as well:

- **Treasurer, Councilor, and Alternate Councilor** (all three-year terms)

If interested, please contact the [Section Councilor](#).

Expect a ballot to be emailed to you in the coming weeks. Our elections are past-due and must be completed soon. More information on these positions can be found in this newsletter (see below).

MAY 2024 AWARDS BANQUET:

The four hundred and seventy fourth meeting of the Susquehanna Valley Section of the American Chemical Society will be our Annual Awards Banquet and will be held on Wednesday, 1 May 2023. With the presentation of various local section awards, the Annual Awards Banquet recognizes both aspiring and accomplished local chemistry professionals who have helped to promote chemistry, the chemical professions, and the section. This year's ceremony will begin at 5:30 p.m. at the [Pine Barn Inn](#) in Danville, PA. The guest speaker Jaime Jurado will deliver an interactive lecture / tasting.

***“Inquiry-based Physical Chemistry: Observable Sensory Experiments
with Chocolate and lessons from the great chocolatiers”***

Jaime Jurado

This presentation involves participation of attendees... to taste chocolate. The term "physical chemistry" was coined by Mikhail Lomonosov at St. Petersburg University in 1752, when he

presented a lecture course entitled "A Course in True Physical Chemistry" where the scholar defined it: "*Physical chemistry is the science that must explain under provisions of physical experiments the reason for what is happening in complex bodies through chemical operations.*" As we enter the wonderful and ancient, noble world of chocolate, our guests tonight asked to become scientists at their tables, performing physical experiments, ask their own questions, make observations about the appearance, texture, taste and feel of their chocolate samples. Specifically, we will explore colligative properties, thermochemistry, and explore the phase rule while enjoying fine chocolates.

BIOGRAPHY:

Jaime Jurado has his B.Sc. in chemical engineering, his M.Sc. in electrical engineering, and performed study and research in medical engineering at Oxford University as a postgraduate for 30 months. His 39 years of work have been in beverages such as beer, distilled spirits, botanical soft drinks, and non-alcoholic beers, but he recently enjoyed 15 months in a large chocolate plant in Hazelton. His publications represent his work in engineering and chemistry. He has one patent pending. His last presentation to the Susquehanna Valley Section was in May 2012 when he also served as the Awards Banquet presenter. He is a past presenter at ACS and AIChE national and regional conferences. Besides the US, he has been invited to deliver chemical engineering seminars in Australia, Canada, Ireland, Germany and Great Britain. He has served as President of the Master Brewers Association of the Americas, and represented the American Malting Barley Association on a special technical visit to Kenya to present awards to researchers leading the research in fighting the wheat and barley contagion Ug99 which first presented itself to the world in Ugandan wheat fields.

DINNER:

The Annual Awards Banquet of the local section will be held on Wednesday, 1 May 2024 at 5:30 p.m. at the [Pine Barn Inn](#) in Danville, PA. Dinner is a buffet. Cost of the dinner is \$10 per person, paid at the door, cash or check (payable to Susquehanna Valley Section of the ACS). Please do not mail checks in advance. Receipts will be provided upon request. Please note that individuals who are receiving an award at the banquet, or their guests, will not be charged for dinner. For more details, or to RSVP, either follow [this link](#) or use the QR code to the right.

The deadline to RSVP is Friday, 19 April 2024.

ACS Spring 2024 Banquet RSVP



DIRECTIONS TO THE PINE BARN INN:

Address: One Pine Barn Place, Danville, PA 17821

From I-80:

Take the Danville exit 224 to PA-54 East which is Continental Blvd. In three miles turn left onto Bloom Street. Stay on Bloom Street; the Pine Barn Inn will be on your left in about half a mile. See the website for more details: pinebarninn.com

LOCAL SECTION NEWS:

OPEN POSITIONS IN THE LOCAL SECTION:

Do you want to use your talents to help other chemists in the Susquehanna Valley section? Listed below are examples of positions that need to be filled by willing individuals along with websites that give organizing ideas:

- SVS Chair-Elect
This three-year position is the usual office taken on by local chemists who want to begin to become more involved in the local section.
- [Chemistry Olympiad](#) Chair
Administer Local Chemistry Olympiad Competitions.
- WCC ([Woman Chemists Committee](#)) Chair
Help attract, retain, develop, promote, and advocate for women to positively impact diversity, equity and inclusion in the Society and the profession.
- CMA ([Committee on Minority Affairs](#)) Chair
Help increase the number & participation of racially & ethnically underrepresented scientists in the Society and its governance.
- Project SEED ([Summer Experiences for the Economically Disadvantaged](#)) Coordinator
Coordinators are responsible for establishing programs, identifying mentors, recruiting students, fundraising, and organizing activities such as field trips.
- CH&S ([Chemical Health and Safety](#)) Committee Chair
Help provide authoritative technical resources and mentorship in chemical health and safety.
- SCC ([Senior Chemists Committee](#)) Chair
Help improve communication among senior chemists, increase the number of senior chemists' groups, and the level of their engagement within local sections..
- CCEW ([Chemists Celebrate Earth Week](#)) Coordinator
Help promote the positive role that chemistry plays in the protecting our planet.

If you are interested in learning more about these volunteer activities, please contact the section Councilor (Donald Mencer, donald.mencer@wilkes.edu).

LOCAL STEM COMPETITIONS:



A list of all STEM competitions for high school students is posted on our [website](#). If you have any questions about the contests or have suggestions for others, please contact either the person indicated on the site or the section [Councilor](#).



Middle Atlantic Regional Meeting June 5 - 8 | University Park, PA

The Central Pennsylvania Section of the American Chemical Society is proud to present the **2024 Middle Atlantic Regional Meeting** on **June 5-8** and welcomes you to beautiful Happy Valley, home of the Penn State Nittany Lions. In recognition of the quarter-millennial anniversary of one of the most important discoveries of our time, the meeting's theme is "**Celebrating Discovery**." Through this theme, we will honor and celebrate the groundbreaking work of Joseph Priestley on the discovery of oxygen in 1774. We hope that MARM 2024 inspires you to make brand new discoveries and foster professional connections with scientists from all over the Mid-Atlantic!

Register and join chemistry professionals, students, and educators to discover and share research, participate in engaging discussions, network during the poster sessions, and enhance your career in **MARM 2024**.

To register, you will need an ACS ID. You can [create a free ACS ID](#) if you don't already have one.

Register by Monday, May 6, to take advantage of the early registration rates!

[Register Now](#)

NATIONAL ACS NEWS:

ACS LEGISLATIVE ACTION NETWORK:

Legislation that may impact the chemical enterprise comes before Congress on a regular basis, and the ACS is committed to keeping its members informed and encouraging them to weigh in on high-priority issues. To see the position of the ACS on many legislative issues visit the ACS LAN website: <https://www.acs.org/content/acs/en/policy.html> To find out how to become more active in ACS advocacy activities, see the [advocacy website](#).

To join ACS' grassroots legislative advocacy network, ACT4CHEMISTRY, which will allow you to stay up to date on policy issues and contact legislators on behalf of chemistry and chemists, go to their website, follow the [Act4Chemistry X](#) account, or email advocacy@acs.org.

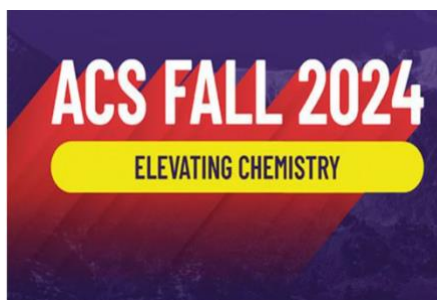
Act4Chemistry Advocacy Issues. To take action go to the website

<https://www.acs.org/policy/memberadvocacy.html>

JOIN THE ACS:

If you know of anyone who would benefit from being a member of the American Chemical Society, please direct them to the membership website: <https://www.acs.org/membership.html>

NATIONAL MEETINGS:



Fall 2024 ACS National Meeting

The Fall 2024 national meeting, "Elevating Chemistry" will be a hybrid event.

The meeting will be held August 18-22, and the in-person event will take place in Denver, CO.

See the [website](#) for more information.

SAVE THE DATE:

The 28th Biennial Conference on Chemical Education will be held at the University of Kentucky in Lexington on July 28 – August 1, 2024. See the [website](#) for more details.



Susquehanna Valley Section Web Page: svs-acs.org. Please send any comments about the monthly newsletter to your Local Section Councilor [Donald Mencer](#).
