



## American Chemical Society Susquehanna Valley Section

### NOVEMBER 2025 NEWSLETTER

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#### MONTHLY DINNER MEETING:

The four hundred and eighty-second meeting of the Susquehanna Valley Section of the American Chemical Society will be held on Wednesday, November 12th, 2025, at 7:00 pm in room G09 of the Heim Science Building on the campus of Lycoming College. The speaker will be Sydney Bachman of Stellant Systems. The presentation will be preceded by a dinner at 5:00 pm in the Jonas Room in the Wertz Student Center.

#### *Chemistry at Stellant Systems*

Sydney Bachman  
Stellant Systems

**ABSTRACT:** In the field of industrial, medical, and aerospace manufacturing, organizations often use a variety of chemical cleaning and electroplating processes for products. The role of a Laboratory Technician at Stellant Systems is to regularly monitor the concentrations of key components of 30+ chemical cleaning and electroplating baths. Different strong acids are used for chemical cleanings and there are many electroplating methods used every day for multiple products. Analytical chemistry techniques, such as atomic absorption spectroscopy and UV-Vis spectroscopy, are used to monitor metal ions and other chemical components of each bath. This ensures that the high-quality cleaning and plating meets industry standards and product specifications. In this presentation, Sydney will highlight chemical cleaning and electroplating methods used at Stellant Systems and how they are maintained to create quality products.



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**BIOGRAPHY:**

Sydney Bachman received a BS in Chemistry from King's College in 2024. Sydney was the Susquehanna Valley Section Outstanding Senior award recipient at King's College in 2024. She is currently pursuing an MBA with a focus in Organizational Leadership from Youngstown State University. Sydney works at Stellant Systems, which is a manufacturer of products for space, defense, medical, science and industrial markets for both domestic and international customers. At Stellant, she maintains electroplating and chemical cleaning baths, creates cathode mixtures, and develops analytical processes. She is a board member of the South Williamsport Education Foundation and the secretary of the Susquehanna Valley Section of the ACS.

**DINNER:**

Dinner will be at 5:00 pm on campus in the Jonas Room, which is in the Wertz Student Center. When entering the Wertz Student Center, go up the stairs and immediately to the left. The Jonas Room will be the second room on the right. Dinner will consist of pork loin, mashed potatoes, roasted curried cauliflower, a spinach salad, and dessert. Cost of the dinner is \$22 and a vegetarian option is available upon request. Those that would like to attend the dinner should contact Debbie Smith (570-321-4180 or smithdeb@lycoming.edu) by Wednesday, November 5<sup>th</sup>, 2025.

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**DIRECTIONS TO LYCOMING COLEGE:**

GPS address of the entrance to the Lynn Lot: 124 Washington Blvd, Williamsport, PA 17701

From I-80: take U. S. Route 15 north. Travel approximately 15 miles to Williamsport. Continue over the Market Street Bridge (stay in left lane) and follow the signs for the Business District. Go to the fourth traffic signal and turn right onto Little League Boulevard. Go one block east and turn left at the stop sign onto Mulberry Street. At the next traffic signal, turn right onto Washington Boulevard. The entrance to the Heim Building/Lynn Science Center parking lot will be the first right.

From I-180/US-220: Take exit 26, Basin Street. Stay in the right lane and continue onto Basin Street, going straight at the traffic light until you reach the stop sign. Turn left onto East Fourth Street. Go to the first traffic light, then turn right on to Mulberry Street. At the next traffic signal, turn right onto Washington Boulevard. The entrance to the Heim Building/Lynn Science Center parking lot will be the first right. Proceed straight after entering the main doors of the Lynn Science center into the Heim Building.

Find further directions and a campus map [here](#).

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## 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 the person indicated on the site. Questions may also be directed to the [Local Section Councilor](#).

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## 2025 UPCOMING LOCAL SECTION MEETINGS:

November 12<sup>th</sup>, 2025 @ Lycoming College

January 2026 Executive Board Meeting

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## 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:

- Susquehanna Valley Local Section 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.*
- 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.*
- 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 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](mailto:donald.mencer@wilkes.edu)).

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**REGIONAL ACS MEETINGS:*****ACS Middle Atlantic Regional Meeting***

The 54th Middle Atlantic Regional Meeting (MARM 2026) - “[Molecular Milestone: Crafting a Sweet Future Through Chemistry](#)” will be held in Hershey, PA 17 – 19 May 2026.

MARM 2026 will be an in-person event.

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**NATIONAL ACS MEETINGS:*****Spring 2026 ACS National Meeting***

The Spring 2026 national meeting will be a hybrid event.

The meeting will be held 22 – 26 March 2026, and the in-person event will take place in Atlanta, Georgia.

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

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**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>

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**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](#).

Joining the ACS’ grassroots legislative advocacy network, ACT4CHEMISTRY 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](mailto:advocacy@acs.org).

***Act4Chemistry Advocacy Issues. To take action go to the website***

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

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Susquehanna Valley Section Web Page: [svs-acs.org](https://svs-acs.org). Please send any comments about the monthly newsletter to your Local Section Secretary, Sydney Bachman, [sydney.bachman@stellantsystems.com](mailto:sydney.bachman@stellantsystems.com)