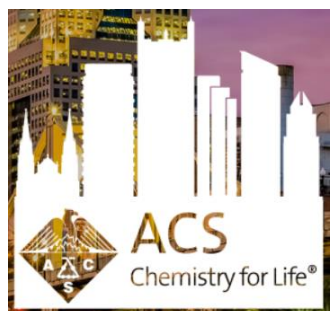




American Chemical Society - Pittsburgh Section
Volume CVII, No. 8
March 2021

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PITTSBURGH SECTION JOBS

The Pittsburgh Section is happy to announce a new initiative – Pittsburgh Section Jobs. The goal of this initiative is to connect our talented Chemists with job openings in our region.

In March of 2013, Joint Employment Committees of the ACS – Pittsburgh Section, AIChE – Pittsburgh Chapter, SACP and SSP compiled a list of Pittsburgh Area Organizations that Hire Chemists, Chemical Engineers, and Chemical Technicians. The list was updated in 2021 and can be found at this link: <https://pittsburghacs.org/wp-content/uploads/2021/02/Pittsburgh-Area-Organizations-that-Hire-Chemists-Chemical-Engineers-and-Chemical-Technicians-February-2021.pdf>

We are looking to both update our list and announce any openings in our region.
We need your help.

- ✓ If your company is not listed, we'd like to add it.
- ✓ If your company is hiring, we want to hear from you.

Please contact Heather Juzwa at hjuzwa@shimadzu.com to be included.

Attention to Those Interested in Science Education!

It is not too late to view the SACP/SSP first virtual Faraday presentation. Go to www.pittcon.org/faraday for more information.



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.*

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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: _____

Pittsburgh Regional Science & Engineering Fair

Virtually on Wednesday, March 24

The 82nd Annual Pittsburgh Regional Science & Engineering Fair (PRSEF) will take place **virtually** this year. Judging will occur by video conferencing on Wednesday, **March 24**, with the Awards Ceremony livestreamed on Thursday, **March 25**. No students or judges will be on-site at the Carnegie Science Center this year. The virtual format allows for additional student programming – including career conversations, interviews with STEM professionals, and engaging science videos. Going virtual also makes PRSEF accessible to students who traditionally may not have been able to participate due to travel constraints.

PRSEF invites students to take on the challenge of designing, implementing, and communicating an original experiment while competing for cash prizes and scholarships! PRSEF is open to all students in grades 6-12 from the 21 counties within Western Pennsylvania and Garrett County, Maryland. The Science Fair has been a Pittsburgh tradition since 1940. It is also the third oldest science fair in the United States under the affiliation of Society for Science and the Public, which runs the Intel International Science & Engineering Fair (ISEF) and the Broadcom MASTERS middle school competition.

The Science Fair is **looking for judges** to interview students and judge on Wednesday and award a variety of prizes on Thursday. Visit the [registration page](#) to sign up. A Category Judge will judge students in a particular project category and will award a 1st place, 2nd place, 3rd place and 4th place winner in that category.

The Senior (9th-12th grades) and Intermediate (7th-8th grades) Division categories are Behavioral & Social Sciences, Biology, Chemistry, Computer Science/Math, Earth/Environment, Engineering/Robotics, Medicine/Health/Microbiology, and Physics/Astronomy. The Intermediate Division also includes Consumer Science category. The Junior Division (6th grade) categories are Behavioral & Consumer Sciences, Biological Sciences, Chemistry, Physical Sciences, & Engineering.

Judges must have a bachelor's degree in the field in which they are judging or related experience. In the junior or intermediate levels (Grade 6-8), a non-science degree may be acceptable. If you are in doubt of your eligibility to judge, inquire to the chair of Judge Advisory Committee (ISEF@Pitt.edu). Active K-12 educators are not eligible to judge.

If you have an understanding of a field of Science or Engineering and confidence in your ability to chat with a bright young person and you meet the qualifications above, then you can judge! A large percentage of our judges return every year. They love doing it and look forward to the Fair.

Much more information is available on the [webpage](#)! Email PRSEF@CarnegieScienceCenter.org with any questions!

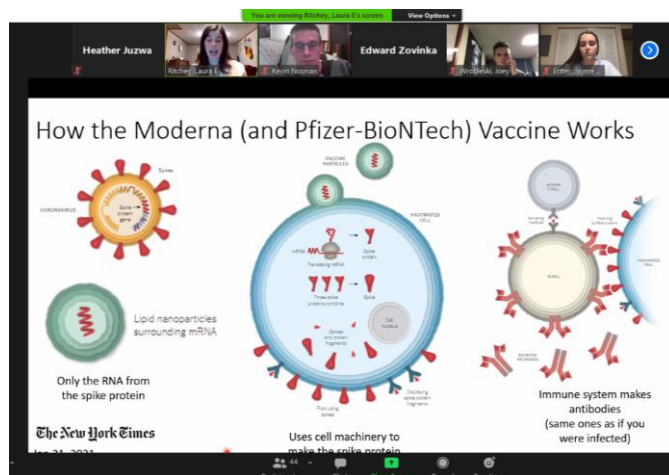
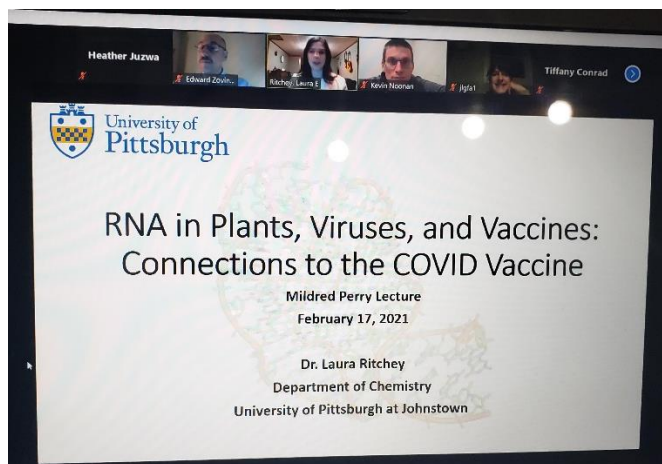
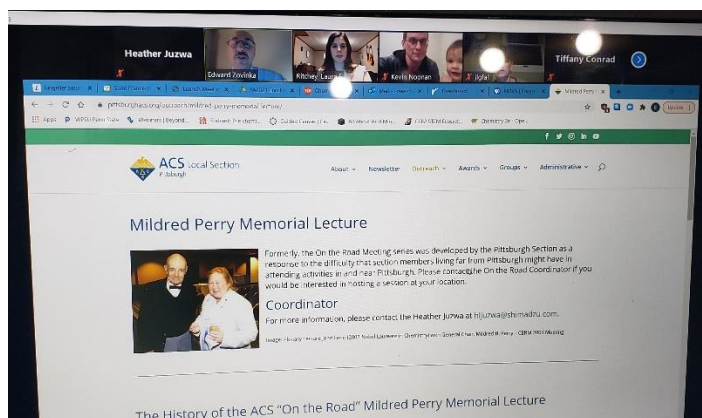


2021 “On the Road” Mildred Perry Memorial Lecture – A Huge Success

Thank you to Pittsburgh Section Councilor Ed Zovinka and St. Francis University for virtually hosting over 50 people at the “On the Road” Lecture on February 17. Dr. Laura Ritchey from the Department of Chemistry at University of Pittsburgh at Johnstown presented her fascinating research and how it relates to the pandemic in her talk entitled “RNA in Plants, Viruses, and Vaccines: Connections to the COVID Vaccine.”

Check out some photos below – including a cameo from Chair Kevin Noonan’s baby!

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



SAINT FRANCIS UNIVERSITY



STEAM Summer Academies

For Students Entering Grades 11 and 12 in Fall 2021

The STEAM Summer Academies are one-week immersive programs in chemistry, engineering, pre-med, and psychology for high school students who are currently in grades 10 and 11 (and are at least 15 years old) and are interested in pursuing a career in science, technology, engineering, arts, or mathematics.

2021 Summer Academies

June 20 - 25, 2021

Choose from:

Chemistry Exploration Academy

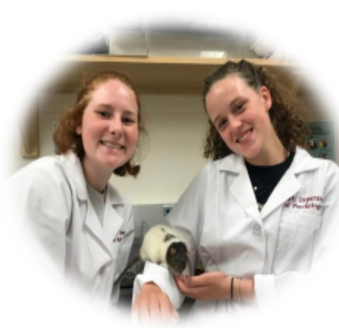
Environmental Engineering Design Academy

Pre-Med Academy

Psychology and Neuroscience Academy

Why Attend Our Academies?

- Get a head start on your college experience! Participate in **industry-style labs** and immerse yourself into **college-level classrooms**
- You will be provided with all instruction materials and room and board on our campus
- You will be eligible for a \$2,000/year scholarship (up to four years) if enrolling as a full time SFU student within two years of high school graduation



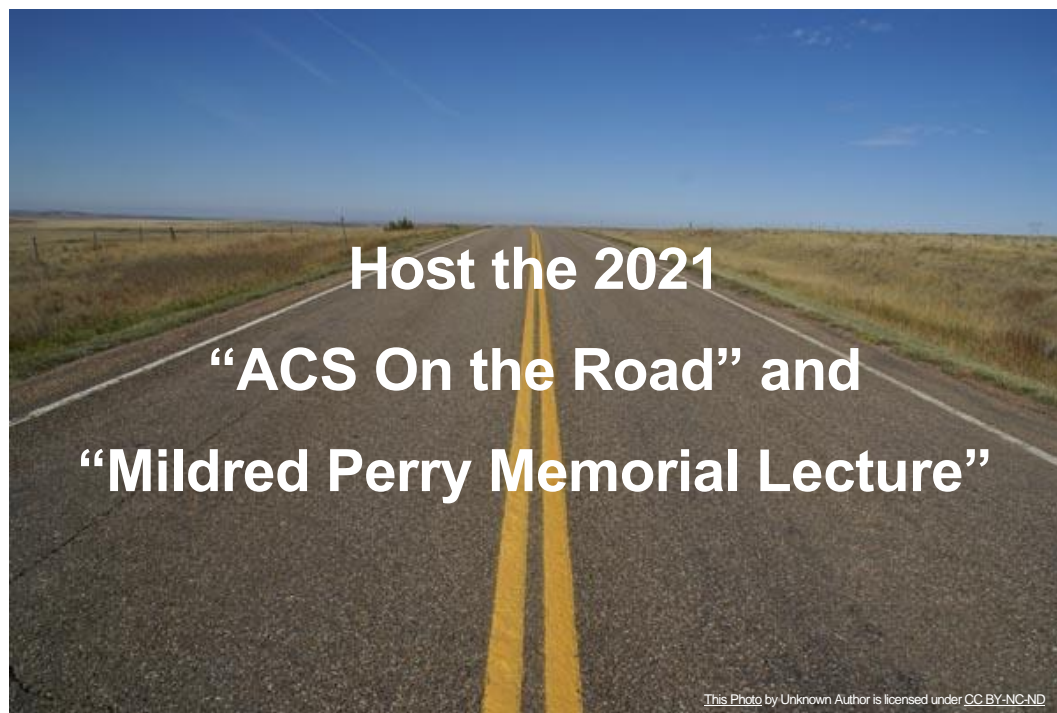
Program Fee of \$500. Includes all instruction materials and room and board.
Limited Financial Aid available. See application for more details.

Questions? Contact us at:
814.471.1215
STEAMacademy@francis.edu

Apply online by April 1, 2021
www.francis.edu/academies



ACS Local Section
Pittsburgh



Each year the Pittsburgh local section features an "On the Road" event, which has the "Mildred E. Perry" memorial lecture. This is a great opportunity to local section chemists to visit your site or campus. The organizers choose the speaker and program details. Past organizers would be happy to share our experience and websites if the host location is interested. This event was hosted by Saint Francis University in 2019 and featured Dr. Megan Matthews from the University of Pennsylvania. If your institution is located in the Pittsburgh Local Section and you would like to host the 2021 ACS "On the Road" event please contact ACS Chair, Kevin Noonan (noonan@andrew.cmu.edu).

American Chemical Society

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noonan@andrew.cmu.edu

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

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

Volunteers Needed!

There are a number of volunteer opportunities in the Pittsburgh ACS Section! 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 20th of the month prior to publication. For example, all items for the February 2021 issue must be to the editor by January 20th, 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



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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](#)