



**American Chemical Society - Pittsburgh Section**  
**Volume CVIII, No. 8**  
**March 2022**

**Contents**

Call for Judges - Pittsburgh Regional Science & Engineering Fair	1
2022 Project SEED Internships	2
Pittsburgh Section Mourns the Loss of Dr. Denton Albright	3
March ACS Webinars	4
High School Student Summer Research Opportunity at Waynesburg	5
Register for the Spring 2022 ACS National Meeting	6
Call for Abstracts for Upcoming ACS Meetings	6
2022 On the Road Announcement	7
Meeting Registration and Travel Grant Application	8-10
Business Page	11

# Pittsburgh Regional Science & Engineering Fair Call for Judges



Greetings again, Pittsburgh Regional Science and Engineering Fair Judges,

The 83<sup>rd</sup> Pittsburgh Regional Science and Engineering Fair is coming home to the Carnegie Science Center this year. The Fair will be held over two days this year to allow for all student participation. Students and judges will gather at Carnegie Science Center to display and discuss projects on March 22<sup>nd</sup> (Intermediate Division) and 23<sup>rd</sup> (Junior and Senior Divisions).

**JUDGE REGISTRATION IS OPEN** at [www.STEMisphere.org/PRSEF](http://www.STEMisphere.org/PRSEF).

**Returning judges** – If you registered to judge last year and you have a username and password for [www.STEMisphere.org/PRSEF](http://www.STEMisphere.org/PRSEF), log in, review and confirm the information from last year, and click on the red *Submit Registration* button at the bottom of the screen. Your username is your email and if you've forgotten your password, no worries, please shoot me an email and I'll be happy to send you a password reset.

If you want to fill a different role this year than you did last year (switch from Category Judge to Sponsor Judge or from Sponsor Judge to Volunteers etc.), use the Judge Registration widget on the right side of the screen to select your new role.

**New judges** – If you did not register to judge last year and you have never logged in at [www.STEMisphere.org/PRSEF](http://www.STEMisphere.org/PRSEF) before, go to [www.STEMisphere.org/PRSEF](http://www.STEMisphere.org/PRSEF) and click on the red “*New Judge or Volunteer? Click Here*” button. See the list of Judge Types and select the type of judge you want to be.

Thank you for your continued support of the fair. I am looking forward to meeting and working with all of you this year!

Christie Orlosky, M.S.Ed.

**Carnegie Science Center**

STEM Competitions Coordinator

(412) 237-1534

[PRSEF@CarnegieScienceCenter.org](mailto:PRSEF@CarnegieScienceCenter.org)

The American Chemical Society

# PROJECT SEED INTERNSHIPS



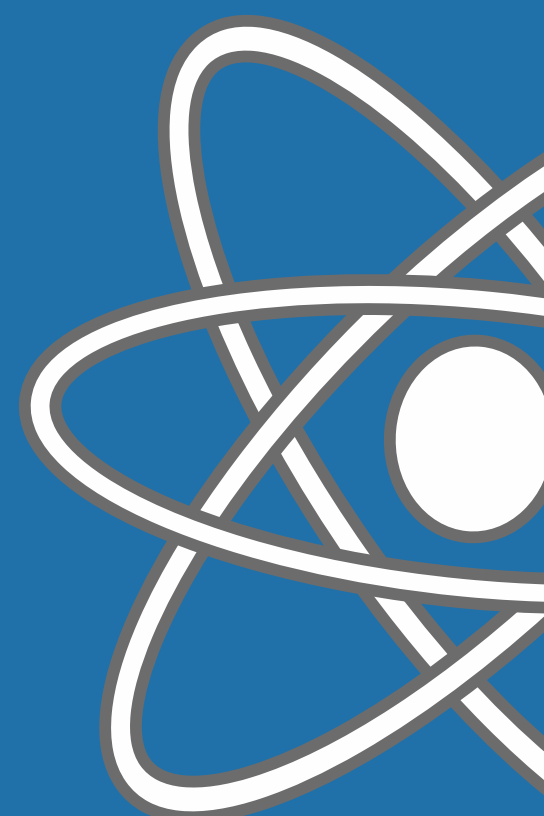
Interested in science and chemistry? Consider applying for a summer internship with the American Chemical Society. Application is open **Feb 14 to March 21, 2022.**

**ONLINE APPLICATIONS DUE BEFORE MARCH 21, 2022**

For more info on program dates, eligibility criteria, and to apply visit [www.acs.org/projectseed](http://www.acs.org/projectseed)

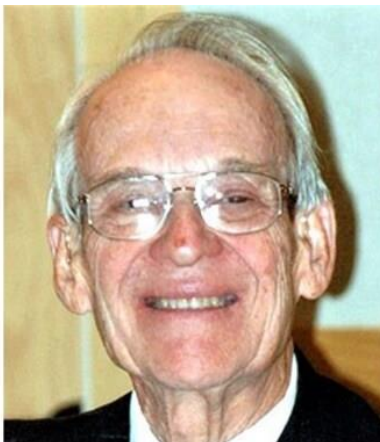
## Program Benefits:

- Paid internship (\$3,200 - \$3,800)
- Hands-on or virtual research experience in a lab
- Great addition for your resume and college application
- Scholarship opportunities for college (\$5,000 - \$20,000 in scholarships over 1-4 years)



## Pittsburgh Section Mourns the Loss of Dr. Denton Albright

On January 31, 2022, the ACS lost a long-time member, Dr, Denton Albright.



Denton was extremely active in the Pittsburgh Local Section. He would have celebrated 70 years of membership this year, having joined the ACS in 1952. In 1974, he served as Chair of the Section. In May 2004 issue of *The Crucible*, Dr. Guy C. Berry from Carnegie Mellon University shared this photo:



John A. Pople receiving the 1975 Pittsburgh Award from the Pittsburgh Section Chair, Denton M. Albright.

*Submitted by Guy C. Berry*

Here is a link to his obituary: [DENTON M. ALBRIGHT, JR., PHD | Obituary | Pittsburgh Post Gazette \(post-gazette.com\)](#)



Did you know that as an ACS member, you have access to webinars specifically produced by ACS?

Upcoming March Webinar Topics include:

March 2<sup>nd</sup>, 2-3 PM EST, Essentials of Pharmacokinetics for Drug Development

March 8<sup>th</sup>, 2-3 PM EST, Launch Point: The Hidden Key to Taking your Career to the Next Level

March 29<sup>th</sup>, 1-2 PM EST, Chocolate Chemistry

Click [here](#) for more information and to register.

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ACS just launched a science podcast called “Tiny Matters”. The podcast covers things small in size but big in impact. Their first episode explored the question, “How are dinosaur fossils helping scientists predict our planet’s future?” If you’re looking for something educational and interesting to keep your workday exciting, check out “Tiny Matters” on Spotify, iHeartRadio, or wherever you listen to podcasts! Click [here](#) to read more about it.

## Summer Research Opportunity for High School Students

Waynesburg University's Department of Chemistry is accepting applications for an NSF-funded paid summer research internship for high school students who are currently juniors.



WAYNESBURG  
UNIVERSITY



Waynesburg University is a small private university in SW Pennsylvania. The NSF-funded research project aims to provide access to medicinally important compounds through engineering of a marine bacterial enzyme. The successful candidate will work on this project alongside faculty researchers and undergraduate student researchers on campus for 4 weeks this summer. Some of the responsibilities will include assisting in chemical synthesis, preparing media for growing bacteria, and assisting in sample preparation for LCMS analysis. Housing and a stipend are provided. For more details on the project and the grant, please see [here](#).

If you know of a student who is interested in a STEM research career, please share this announcement with them! The application form can be downloaded [here](#). The deadline for the application is March 15, 2022.

If you have any questions, please contact Dr. Tak Suyama.



## Register for the ACS Spring National Meeting!

March 20-24 in San Diego and Virtual

The schedule is now available [here](#).

Click [here](#) for registration information.

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## Call for Abstracts!



The ACS Fall 2022 National Meeting will be held in Chicago from August 21-25. The deadline for abstracts is March 14. To see the list of symposia and to submit your abstract, click [here](#)!



**ACS** Local Section  
Huron Valley

The Central Regional Meeting of the ACS (CERM) 2022 is being hosted by the Huron Valley Local Section and will take place June 7-10<sup>th</sup>, in Ypsilanti, MI on the campus of Eastern Michigan University. The deadline for submissions is March 7. To view the regional meeting website and to see the list of symposia, click [here](#).



**ACS** Local Section  
Pittsburgh



**Host the 2022  
ACS “On the Road” and  
Mildred E. Perry Memorial Lecture**

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 for 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 experiences and websites if the host location is interested. In 2021, this event was hosted by Saint Francis University and featured Dr. Lan Deng from PPG. The event was virtual, and we encourage virtual events during these uncertain times. If your institution is located in the Pittsburgh Local Section and you would like to host the 2022 ACS “On the Road” event, please contact ACS Chair, Kim Woznack ([woznack@calu.edu](mailto:woznack@calu.edu)).

**American Chemical Society Pittsburgh Local Section**

*To advance the broader chemistry enterprise and its practitioners for the benefit of Pittsburgh region and its people.*  
[www.pittsburghacs.org](http://www.pittsburghacs.org)





## American Chemical Society Pittsburgh Section

[www.pittsburghacs.org](http://www.pittsburghacs.org)

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Dear Academic ACS Pittsburgh Section Members,

The Pittsburgh Section of the American Chemical Society has budgeted funds to help encourage undergraduate/graduate student participation in national and regional ACS meetings. The awards are intended to help defray meeting registration and travel-related expenses (lodging, transportation, per diem) for eligible students. Awards will be made based on the scientific merit of the paper/poster to be presented, financial need, and preference will be given to ACS members.

To apply for the funds, applicants should complete the attached application and return it by the relevant deadline. The deadlines for receipt of applications are as follows:

- **06/01 (for travel to be completed by 12/31)**
- **12/01 (for travel to be completed by 06/30)**

As noted on the application, students should include an abstract and confirmation (if received) of the paper/poster being accepted for the Meeting. In addition to the application form, applicants should include a recommendation letter from the PI of the project being presented and/or a recommendation letter from another and a personal statement as to the anticipated benefits of meeting attendance.

Applications can be made electronically (*preferred*) by emailing the application to Heather Juzwa ([hljuzwa@shimadzu.com](mailto:hljuzwa@shimadzu.com) or [heather\\_sapko@hotmail.com](mailto:heather_sapko@hotmail.com)) or by mailing a hard-copy application (Pittsburgh Section ACS Travel Grants / Heather Juzwa / Center / 321 Winners Circle / Canonsburg, PA 15317).

Since 2013, the Pittsburgh Section of the ACS has awarded up to four \$500 grants each year to aid our undergraduate/graduate student members in presenting papers or posters at ACS Meetings. This is an ongoing program in our Section, and details will be updated on our website ([www.pittsburghACS.org](http://www.pittsburghACS.org)) as necessary.

Applicants will be notified via email that their application was received. All efforts will be made to announce awards within two weeks of the application deadline, and all applicants will be notified of the final committee decisions. Our Section is looking forward to helping increase the participation of local students in ACS conferences. If you have any questions, please do not hesitate to contact me.

Sincerely,

Heather Juzwa, ACS Pittsburgh Section Student Travel Grants, Chair  
Senior Field Sales Engineer, Shimadzu Scientific Instruments, Inc



American Chemical Society  
Pittsburgh Section

[www.pittsburghacs.org](http://www.pittsburghacs.org)

Application Deadline	Travel Completion Date
December 1	June 30 (subsequent year)
June 1	December 31 (same year)

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 [hljuzwa@shimadzu.com](mailto:hljuzwa@shimadzu.com) to receive it by email.*

Meeting Location: \_\_\_\_\_ 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 national or regional meeting?      Yes      No

If no, please list conferences at which you have presented: \_\_\_\_\_

Purpose of grant: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Other funding sources (if any): \_\_\_\_\_

\_\_\_\_\_

Personal Statement of anticipated benefits of meeting attendance: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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 you to write a short (one page) description of your activity upon completion of the conference for publication in our monthly newsletter, The Crucible, and on our website. The description is due within 30 days of the meeting attended. Photos are welcomed and encouraged.

I am willing to complete this report:                      Yes                      No

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Send completed hard-copy applications and supporting documentation to:

Pittsburgh Section ACS Travel Grants

Heather Juzwa, 321 Winners Circle, Canonsburg, PA 15317

Electronic copies of completed applications should be sent to [hljuzwa@shimadzu.com](mailto:hljuzwa@shimadzu.com) and [heather\\_sapko@hotmail.com](mailto:heather_sapko@hotmail.com). Be sure to place "Pittsburgh Section ACS Travel Grants" in the subject line.



## 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](mailto:crucible@pittsburghacs.org)

## 2022 Pittsburgh Section Officers

<b>Chair</b>	Kim Woznick <a href="mailto:woznack@calu.edu">woznack@calu.edu</a>
<b>Chair-Elect</b>	Ed Zovinka <a href="mailto:zovinka@pittcon.org">zovinka@pittcon.org</a>
<b>Secretary</b>	Alysia Mandato <a href="mailto:atm75@pitt.edu">atm75@pitt.edu</a>
<b>Secretary-Elect</b>	Jiahan Xie <a href="mailto:jiahan-xie@braskem.com">jiahan-xie@braskem.com</a>
<b>Treasurer</b>	Matt Price <a href="mailto:price@calu.edu">price@calu.edu</a>
<b>Treasurer-Elect</b>	Matt Price <a href="mailto:price@calu.edu">price@calu.edu</a>
<b>Directors</b>	Michael Mautino Toby Chapman Dave Waldeck Heather Juzwa Evonne Baldauff Logan Miller

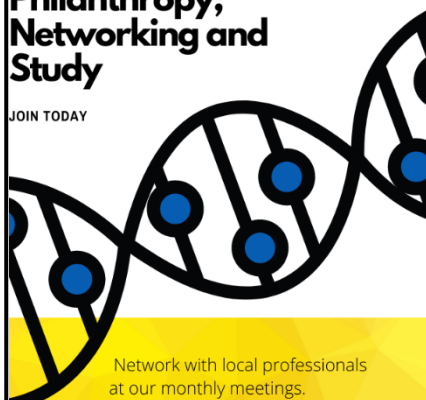
### Spectroscopy Society of Pittsburgh



[chemistryoutreach.org](http://chemistryoutreach.org)

### Science Outreach through Philanthropy, Networking and Study

JOIN TODAY



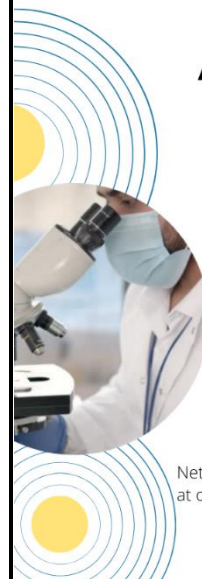
Network with local professionals at our monthly meetings.

Society for Analytical Chemists of Pittsburgh  
[chemistryoutreach.org](http://chemistryoutreach.org)



### Advancing Analytical Chemistry through Science Education

JOIN TODAY



Network with local professionals at our monthly meetings.

## 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

## 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](mailto:hjuzwa@shimadzu.com)!

## The Crucible Deadline

The deadline for items submitted to The Crucible is the 25<sup>th</sup> of the month prior to publication. For example, all items for the April 2022 issue must be to the editor by March 25<sup>th</sup>, 2022.

## ACS Regional Awards – Apply Today!

More information can be found [here](#)