



# CINTACS

Cincinnati Section of the American Chemical Society

*Celebrating Over 125 Years of Chemistry in Cincinnati!*

## Industrial Speaker Dr. Christopher Pulliam at June Meeting

**Dr. Christopher Pulliam: A Tale of Two Entities: From Academia to Industry**



Please join us at 5:30 PM on Wednesday, June 29th at MadTree Taproom in Oakley for "A Tale of Two Entities: From Academia to Industry" presented by Christopher Pulliam. Dinner is included. [Registration](#) by June 15, 2022 is required.

**We are sponsoring the attendance of the first 30 students to register. If you pre-pay for registration, your registration fee will be refunded if you show up for the meeting (make sure to pick up your name tag). This meeting presents a fabulous opportunity to meet and network with local industrial chemists.**

Securing your first 'real job' is more than demonstrating what you learned during your undergraduate or graduate education. It's about showing that you can identify and solve the challenges your potential employer faces. Herein I will discuss my current role as a Senior Scientist in the Corporate Analytical Group at Procter and Gamble and my journey to establish a unique role as I evolve my skills to meet new business needs. Additionally, I will discuss how I convinced a team of LC-MS expert to give me chance to prove myself.

## **Cincinnatians advocating for Chemistry in the United States Innovation and Competition Act (USICA) and America COMPETES Act**

Please join us for a special Webinar at 7:30 PM on Monday June 13th.

Right now Congress is working to combine two large bills, the America COMPETES Act and the United States Innovation and Competition Act(USICA), that could define the direction of federal research for the next decade. Join the ACS Director of District II, Dr. Chris Bodurow, and ACS Government Affairs staff to find out what Congress is considering, how it will impact you, and how you can help ensure ACS priorities in sustainable chemistry, accessible STEM education, safe research environments, and helium conservation are included in the final bill.

Please join the Zoom meeting using this [link](#).

## Advocating for Chemistry: Supporting ACS Priorities in Legislation



Join ACS Staff and Board Members to learn about US Innovation Legislation

Congress is setting priorities for:

- National Science Foundation
- Department of Energy Office of Science
- National Institute of Standards and Technology

Join ACS Government Relations staff and fight to include:

- STEM Education Access and Equity
- Helium Conservation Funding
- Sustainable Chemistry Funding
- Safe and Inclusive Research Environments

### Why Join This Event?

- Find out what is happening in Washington right now
- Get more details on the Innovation legislation
- Learn how to contact your Member of Congress and advocate for policies to serve researchers and chemistry



Follow ACS Government Affairs on Twitter: [@act4chemistry](https://twitter.com/act4chemistry)

Sign up for our newsletter: [www.acs.org/act4chemistry](http://www.acs.org/act4chemistry)

## Grants for undergraduate conference attendance



The ACS Cincinnati section supports undergraduate students presenting papers and posters at ACS National or Regional meetings as well as meetings sponsored by the ACS (e.g. PittCon or SciX). This does include covering registration for the SciX conference in Cincinnati in October.

The student for which the \$500 grant applies must be the first author and presenter for a poster or oral presentation. This year, we have a total of ten grants for students attending Greater Cincinnati College or University Chemistry Departments.

To apply, please send a copy of the accepted abstract to [Gloria Story](#).

## SciX is coming to Cincinnati in 2022

Cincinnati is hosting the SciX conference focused on Analytical Chemistry at the Northern Kentucky convention Center from October 2-7. Poster submission is open until August 1st.

The conference features a number of local speakers from industry and academia as well as a session on molecular microspectroscopy (Miami University). Our local Section is sponsoring a session featuring local academic research.

See [this flyer](#) for more information.

THE GREAT SCIENTIFIC EXCHANGE  
**SCIX2022**

**Is coming...**  
**October 2-7, 2022**  
Northern Kentucky Convention Center  
Greater Cincinnati, Northern Kentucky



<https://www.scixconference.org/>

**The premier meeting for Analytical Chemistry and Allied Sciences**

**NOTICE:**

Deadline for Oral Abstract submission – May 16<sup>th</sup>

Deadline for Poster Abstract submission – August 1<sup>st</sup>

**Program Topics Include:**

Art and Archaeology	Molecular Spectroscopy (IR and NIR)
Atomic Spectroscopy	Pharmaceutical/Biopharmaceutical
Biomedical and Bioanalytical	Process Analytical Technologies
Chemometrics	Raman Spectroscopy
Contemporary Issues in Analytical Sciences	Security and Forensics
Electrophoresis	Surface Plasmon Resonance
Laser-Induced Breakdown Spectroscopy	Ultraviolet Spectroscopy
Mass Spectrometry	



**Elementary Science Teacher of the Year 2022**



Megan Cook, fourth grade science and writing teacher from Clinton-Massie Elementary School has been chosen as the outstanding Elementary Science Teacher for 2022. She strongly believes that all children bring their own unique qualities to the classroom and must be given a safe learning environment where they are appropriately challenged and are given the opportunity to grow physically, mentally, emotionally, and socially. Megan encourages her students' curiosity by using hands-on, inquiry-based investigations that explore the world around them.

The Principal of Clinton-Massie Elementary School, Jennifer Updike, says in the past science was an afterthought and the curriculum focused on preparation for Ohio's state math and reading test. Ms. Updike said, "We now know what a big mistake this was for our students and how important it is to bridge the knowledge gap! Mrs. Cook has been a huge part of this transformation and integration of science at CMES. She serves as our 3-5 Science Curriculum Team Leader. Through her leadership we have developed a common scope and sequence across K-5th grade and determined resources to support the curriculum based on Ohio Science Standards."

Through her use of hands-on activities, practice in problem-solving and critical thinking skills, innovative methods, and utilization of technology in her classroom, Megan Cook inspires all her students to love learning and to be curious about the world around them.

**Middle School Science Teacher for 2022**



Ben McPheron, St. Columban School, is the 2022 Middle School Science Teacher of the Year. Growing up, Ben was inspired by the tv show, MacGyver, and wants to instill the same love of science and problem-solving skills in his students. How? Ben utilizes modern technologies in his classroom and has converted old-style cookbook verification labs to hands-on inquiry investigations that relate to modern day examples and real-world problems. Ben says using these methods enhances his students' learning as they are more engaged in the subject matter as they try to solve real life problems. The use of digital notebooks and OneNote, also reinforces the science concepts. St Columban School's past principal, Jo Rhoten, says "Ben's passion for science, creative teaching styles, and his dedication to his students, is seen every day in his classroom. His enthusiasm and dedication help cultivate a love for science and learning."

Extending his reach beyond his classroom, Ben leads the advanced students at St. Columban School in the Ohio State Science Fair competitions. Over eleven years, 53 students have received Broad Masters recognition, 28 have been awarded partial scholarships to UC, and over \$64,000 in reward prizes have been awarded to St Columban students.

Besides the American Chemical Society award, Ben's excellence in teaching has been recognized by receiving the Kostick Education Excellence award in 2002 and the Thomas Edison STEM Education Award in 2010 and 2016.

Alumni remark how well prepared they are when graduating and that the science and technology skills learned in Ben McPheron's class are retained well into college. Parents have called him "a game changer" and an "all-time great." High praise for this outstanding teacher.

**High School Science Teacher for 2022**



Kelly Brock from Franklin High School is the ACS Cincinnati Local Section's outstanding Chemistry Teacher of the Year. Her principal, Kelli Fromm, describes her this way. "Ms. Brock sets herself apart with her strong content knowledge, excellent classroom management skills, and professionalism. Her enthusiasm and dedication are contagious and evident to her colleagues and students. She works very hard every day to provide high quality, engaging, and meaningful instruction to all her students."

After 28 years, Kelly still loves teaching chemistry even though it is one of the most challenging courses offered in high school. She wants to change her students' minds about chemistry and science in general. Kelly does this through her use of exciting demonstrations, discussions, and laboratories. She also cares deeply about her students and their progress and is willing to meet with them outside of class to give them the tools and help they need to be successful. Kelly truly enjoys teaching and getting students from basic knowledge to the application of that knowledge.

Kelly has been the Science Department Chair for over ten years. She has been chosen for the District Leadership Committee, the Building Leadership Team, the Continuous Improvement Plan Committee, the Science Standards Committee, and the Grading and Assessment Committee. Kelly also has won numerous awards for her teaching including the FHS National Honor Society Teacher of the year 2009 and 2015, the Dave Gregory Excellence in Teaching Award 2012, and the Warren County ESC Franklin B. Walter Scholarship recognized mentor.

In her own words, Kelly said "I became a teacher because I had great teachers. I hope that I can continue to be a role model for my students and instill in them my love for science and the confidence to pursue whatever areas they are excited about."

## BMGT Recognizes Gerard Bailley of P&G for Leadership in the Chemical Enterprise



The Business Development & Management (BMGT) of the American Chemical Society (ACS) recognizes Gerard Bailley for his contributions to the leadership and management of the chemical enterprise with his selection as 2022 Henry F. Whalen, Jr. Award for Excellence in business development and management in the chemical enterprise management.

Gerard Bailley is Senior Vice President – Research and Development, Global Corporate Functions for Procter and Gamble Company.

Visit [for details](#).

**A day in the Life of a Chemist**

The Eastern US Younger Chemists Committee (YCC) Partnership is an Alliance of younger chemist Volunteers. [YouTube Channel](#) features a series of interviews with chemists in different careers.



## Volunteer Shoutout



A huge shoutout to Michele Mangels. Beyond her formal responsibilities as the Webmaster for our local section, she also is in charge of formatting this e-mail newsletter. This year, we have modernized our newsletter format and updated the frequency of communications. What do you think? Please let us know: [news@acscincinnati.org](mailto:news@acscincinnati.org).