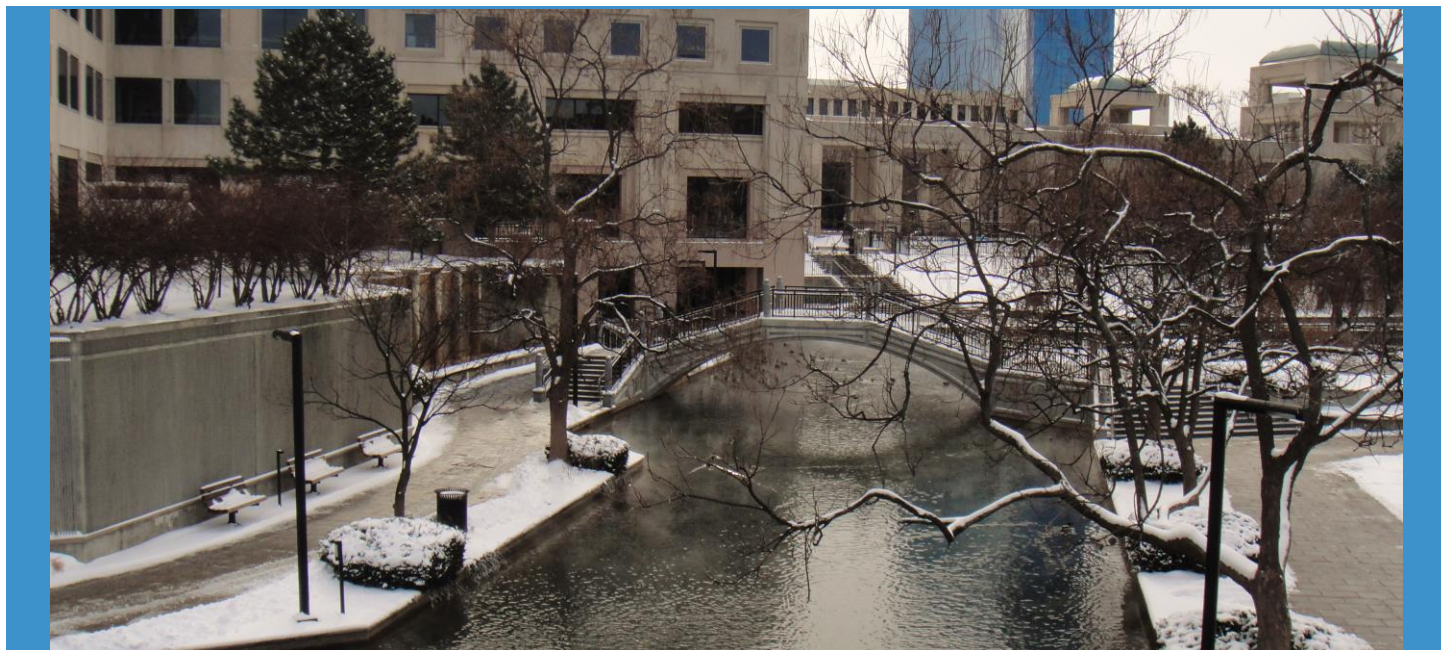


# The Accelerator



INDIANA SECTION OF THE AMERICAN CHEMICAL SOCIETY



PAGE 2

## CHAIR'S CORNER

Christine shares her thoughts on her role within the Indiana Local Section this year.

PAGE 5

## 2022 AWARDS

See how the hard work of the Local Section's volunteers was celebrated in December!

PAGE 7

## CSI 2022

Celebrate Science Indiana returned in 2022 and was a tremendous success! Check out highlights of all the ACS Local Members in action.



## BALL STATE SCIENCE DAY 2023

Ball State Student Affiliates will be hosting Science Day again on April 22nd, from 10-3 pm. It will again be on the first floor of the new Foundational Science Building on Campus. We expect to have members from the biology, wildlife, genetics, astronomy, and physics clubs join us for fun demos and activities for the general public to enjoy!

# CHAIR'S CORNER

Christine Skaggs



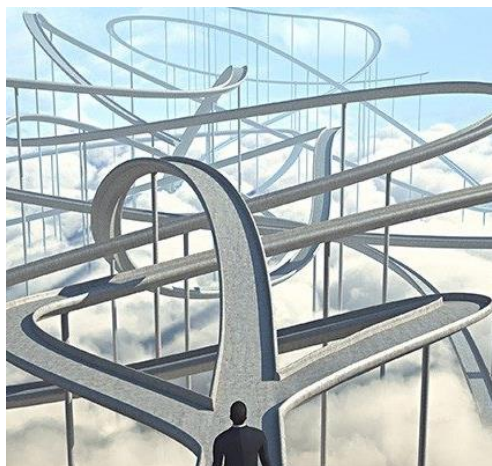
Hi everyone!

The previous year has flown by. As chair elect, my primary role and responsibilities centered around the people who do the heavy lifting, our committee chairs and volunteers. I was interested to see the cross-collaborative effort our committees gravitated towards allowing them to pull off several high-impact events. Last year, two or even three committees would band together for a single effort. Let's not forget that some of you have heard our call and started becoming an integral part of these efforts. Where committees were often made up of a single individual, they've now expanded to include upwards to 5-6 individuals on a single committee. I hope to continue seeing our volunteer base grow as more of you prepare for the upcoming national meeting.

Much of our focus as a section has been centered around the national meeting. This year, my goal as chair is to focus inward on all of you. Burn out is a challenge our section faces. Our volunteers are so passionate and want to do so much, that they take on these burdens alone until they can't do it anymore. We have a membership body of over 900 individuals, and I'd like to see more of you join our event planning and communication efforts to make sure everyone is able to set appropriate boundaries, take care of their mental health, and still engage with local section programming they enjoy. The ACS is a professional society and so the bottom line is: this is supposed to be for fun. We all have signed up to be a part of the Indiana section for our own reasons: we wanted to be a part of a community, we wanted to meet more people in our field, we were voluntold to help with an event 😊. Regardless of how you got here, we are happy to have you as a part of our team. Our committees are banding together to operate as a single team and we as volunteers can do this too!

Please check out some of our open positions in this Accelerator issue. To make things more accessible to all of you, we will be having four open committee chair and volunteer meetings in April, June, August, and October that are entirely virtual. In these sessions, our executive leadership will be providing onboarding training for the section, and we will provide the committees with a platform to give updates and ask for individualized support for their upcoming events. We also have several open virtual-based positions with our communications team. This includes positions like content creator, various social media sub-committee chairs, and journalist for our Accelerator. I highly encourage you, no matter where you are located, to continue being a part of these teams. No prior experience is necessary. We can teach you on the fly. Please reach out if you want to join these meetings.

We've got a lot of great events planned for 2023 and I'm excited for all the successes this year will surely bring. Thanks for reading and I hope to see you soon!



# Crossroads of Chemistry: Decisions, Opportunities and Finding your Path

February 16, 2023 @ 2:00 PM EST

Join Jayshree Seth, Corporate Scientist & Chief Science Advocate at 3M and Christina Bodurow, Deputy Director and Chief Operating Officer of AViDD at Stanford University School of Medicine as they discuss the small and large decisions that can shape a career in chemical sciences as well as the fertile environment for networking found at ACS National Meetings and how to discover employment opportunities once you are there.

[REGISTER TODAY](#)

## PREDICT Symposium 2022

Allen Prusinowski



October 14, 2022 marked the second annual PREDICT (Promoting Equity and Diversity in ChemisTry) Symposium, hosted by the Indiana Local Section Committee on Minority Affairs and co-sponsored by NOBCCHE (National Organization for the Professional Advancement of Black Chemists and Chemical Engineers). The PREDICT Symposium serves to amplify and celebrate the voices of those in underrepresented groups in Chemistry, while supporting their growth, retention, and success.

The Symposium kicked off with technical seminars, highlighting the work of scientists across industry and academia, representing pharmaceutical R&D, agrochemical R&D, and academic researchers (professors and post-docs). The first session featured Briana Simms, PhD (Duke University, PostDoc, and CEO of S.T.E.M. Ed), Rosaura Padilla-Salinas, PhD (Janssen Pharmaceuticals), and Luisa Whittaker-Brooks, PhD (Assoc. Professor, University of Utah). In the second session, C. Denise Okafor, PhD (Assistant Professor, Penn State University), and Norbert Satchivi, PhD (Corteva Agriscience) closed the technical highlights. The diverse expertise of the speakers and range of their career stages provided many perspectives, as the speakers engaged the audience with both their research and personal experiences navigating chemistry.

The PREDICT Scholars session featured three invited student speakers. Local talent from IU Bloomington (Maha Ibrar and Ria Quintana Kidner) and The Ohio State University (Zweli Hlatshwayo) were represented, providing a positive outlook on the future of Chemistry through these ambitious scientists. Additionally, the Committee on Chemists with Disabilities held a roundtable discussion on allyship and self-advocacy with an emphasis on neurodiversity.

In line with our goals to empower our members, while providing a safe learning space where topics can be freely discussed, the PREDICT Symposium concluded with a networking lunch, where attendees could engage with speakers and others in academia and industry. Overall, the PREDICT Symposium reached 124 registered participants across the country. Equity through accessibility was promoted through ASL interpreters and captioning throughout the event, as well as ensuring no fees to attend. Highlighting the success of this year's symposium, an attendee responded, "It is such an honor and privilege. This [symposium] has greatly boosted my confidence as a scientist and helped me in so many ways. The symposium was a success!"



# ACS Indiana Section Year- End Meeting and Awards Ceremony

Dr. Tom Xiao, Award Committee Chair

A long overdue and much anticipated In-Person Year-End Meeting and Awards Night for Indiana Local Section Volunteers with distinguished members and guests was held on Dec. 14th from 5:30pm-8:30pm at the Oxford Room of Aristocrat Pub. Around 50 local section members, guests, volunteers, and awardees attended this very special recognition event. All attendees enjoyed the mingling and networking session as well as a high-level year-end overview by the local section chair, Prof. Partha Basu; a brief preview and forward-looking events for 2023 by our incoming chair, Dr. Christine Skaggs; a special report on ACS NM from Chair-Elect, Dr. John Rohanna; and a few highlights of the upcoming LSAC Strategic Planning Retreat by Councilor, Erin Dotlich. The second part of the event was highlighted by recognizing the distinguished volunteers from LS in 2022 and those distinguished award recipients from National ACS in 2022. The Award Ceremony was organized and hosted by the Award Committee Chair, Dr. Tom Xiao and the LS Chair, Prof. Partha Basu, Incoming Chair, Dr. Christine Skaggs and Councilor, Erin Dotlich.

## Over 20 volunteers were recognized, as listed below:

- *Salute to Excellence Award* – Meghan McLeod
- *The Linda Osborn Award for Outstanding Volunteer Service to the Community Award* – Larry Sernyk
- *Best Team Leader/Past chair Award* – Abdallah Diagne
- *Inspiring Programs in STEM Award* – Tamiko Porter
- *Pinnacle Award* – Linda Osborn
- *Indiana Section Distinguished Councilor Award* – Bob Pribush
- *Indiana Section Most Impactful Community Volunteer Award* – Elmer Sanders
- *Indiana Section Ace of Initiative Award* – Erin Dotlich
- *Indiana Section Spotlight Award* – Arvind Jaganathan
- *Indiana Section Rising Star Award* – Christine Skaggs
- *Distinguished Leadership Award* – Chris Bodurov
- *Distinguished ACS Member & Ambassador Award* – Deb Luffer-Atlas
- *Indiana Section Award* – Julie Austin

## Hannah Zimmerman-Federle presented the following YCC awards:

- *2022 YCC Most Valuable Player Award* – Mikayla Metzger
- *2022 YCC Most Active YCC Member* – Kymeri Davis
- *2022 Most Innovative YCC Event* – Jade Bing

## Jade Bing presented the following CMA awards:

- *Lift Every Voice Award* – Carolina G. Vega
- *Extra Mile Award* – Erin Hancock
- *Building Bridges Award* – Muhammad Khalifa
- *Inclusive Excellence Award* – Allen Prusinowski

## 2022 Chem Luminary Awards:

- YCC (Eastern US Younger Chemists Committee Event)
- Best Activity or Program Highlighting ACS Change Drivers or Strategic Planning.

## Recognition of National Award Winners:

- Hannah Zimmerman-Federle – *ACS Graduate Student and Postdoctoral Scholar Recognition Program Leadership in Mentoring*
- Carolina G. Vega – *ACS Graduate Student and Postdoctoral Scholar Recognition Program Leadership in the Promotion of Diversity, Equity, Inclusion, and Respect*
- Brian Mathes – *ACS Fellow Class of 2022*
- Ann Kimble-Hill – *2022 Stanley C. Israel Award for Advancing Diversity in the Chemical Sciences Award*
- Jade Bing – *2022 Outreach Volunteer of the Year Award, Indiana Local Section*
- Matthew Russell – *ACS Committee on Technician Affairs Award*

**50, 60 and 70 year ACS member anniversaries together with partners and sponsors were also recognized.**

**Special thanks to our corporate sponsors, Corteva Agriscience, Eli Lilly and Company, and Monument Chemical for their strong, long-term support of our local section.**

Enjoy some photos from our ACS Indiana section year-end meeting and awards ceremony!





## NCW Chemistry Day

Brendon Sargent & Joe Topczewski

The ACS National Chemistry Week – Chemistry Day at the Children’s Museum of Indianapolis occurred on November 12<sup>th</sup>, 2022. This event is touted as one of the most highly anticipated museum events of the year, with families driving several hours to attend, some of which have been attending for many years. One such family we spoke with, their son was wearing his lab coat in anticipation of Chemistry Day. The ACS NCW theme this year was “Fabulous Fibers”.

At this event, volunteer groups ran a table of hands-on science activities, ranging from forensic analyses of fibers in a “whodunit” mystery to sodium polyacrylate “magic snow” showing how much water a small amount of this polymer could absorb. We had 8 groups participate this year, including our friends that drove several hours from Indiana University Bloomington, with over 60 volunteers sharing their passion for science. The museum had an attendance of 3,787 people that day, a 27% increase from 2021, and our volunteers recorded individual table participation at 4,316.

Overall, Chemistry Day at the Children’s Museum of Indianapolis was a huge success, and we are looking forward to further growing this event in 2023!



## ACS CLIMATE CHANGE ADVOCACY WORKSHOP

ACS has just launched the ACS Climate Change Advocacy Workshop. The first ACS course focused on climate change AND advocacy!



The workshop is a free, online, and on-demand course designed to teach ACS members and anyone else about the climate change issues we are facing, its impacts on society, how the U.S. government interacts with this topic, and how to effectively communicate about climate change. It takes about 4 hours to complete, but participants can stop and resume whenever they want. At the end of the course, participants will receive a certificate for completing the course.

This is a free workshop, but it does require an ACS ID – which is free – in order to access it.

- If you don’t already have an ACS ID, you can create one [here](#).
- The link to the [course is here](#). You will be prompted to log in with your ACS ID.

If you are having issues accessing the course or have further questions, you can email: [act4chemistry@acs.org](mailto:act4chemistry@acs.org)

Ah, the joy of discovery that we, as chemists, can all relate to, resonated with the 1600 attendees on Oct 1st, 2022, at the Indiana State Fairgrounds!

This year's Celebrate Science Indiana event featured "Protecting Our Earth" so our program and floor maps were all digital for the first time. This event is organized by The Science Education Foundation of Indiana. This was the third year that Alyssa Howard, ACS member and HRG Sr. Analytical Chemist, oversaw all general volunteers for the entire event.

Our ACS booth, chaired by Julie Austin, had two Sensory Play Stations 1. Ocean Clean-Up where kids cleaned the ocean and sorted the metal, plastic and paper using nets, magnets, and tongs and 2. Critter Clean-Up where the kids picked out a duck from a group in a container with "oil" (colored shave cream), then cleaned the duck in the second bin learning about what happens during an oil spill in water and surfactant chemistry. They enjoyed getting to take the ducks home with them. Other ACS volunteers helping Julie at the booth included Belgin Canturk, Lisa Brouwer Spurlock, and Denise Durham.



At Larry Sernyk's FieldScope booth, participants learned about how you can become a "Citizen Scientist" by participating in one or more Citizen Science projects. Assisted by Marcia Gillette and Kurt Graper, they could report their findings to Citizen Scientist projects using a smartphone, tablet, or computer. Attendees enjoyed making a small cup of Goofy Putty (slime) and then provided input and ideas based on their experience into a demo Citizen Science app aimed at improving the activity. It was also an opportunity for educators to learn about FieldScope which is a [program](#) of BSCS Science Learning, who were able to sign up for a free 3-hour workshop "Invitations to Inquiry with Data using FieldScope" in their classrooms.

Kathy Stickney, Alan Smith, Kymeri Davis, and Sarah Turner assisted Ken Miller at the Circular Indiana Booth who organized a game called: "Target Your Trash" to encourage children to think about the right thing to do with trash. In a fun and engaging way, the booth volunteers had conversations about how science can help fix our waste problems. Booth visitors could view a video and see some demos and were asked an age-appropriate question about what our action for various consumer products should be. Example, beverage bottle, paper, clothing, food scrap, electronics, cell phone. What are the implications when we just throw things in the trash? How can science help improve the outcome? Reduce/Avoid it? Reuse it? Recycle it? Compost it? After a discussion, the children enjoyed firing a Nerf gun at a target to win a small prize.



Greg Smith has been a popular staple at CSI for many years hosting the Indianapolis Museum of Art at Newfields booth discussing the dynamic crossroads of art and science.

Cirba Solutions was on site to collect used batteries for recycling and the Indy Book Project booth gave away free gently used science-themed books allowing attendees to turn in used books if they wished. We also had an early childhood area for Pre-K through 1st grade. New this year, our electronic event flyers were available in English and Spanish, and we had QR codes for both our programs and our exit survey. Attendees were motivated to complete surveys using a drawing for Indianapolis Colts tickets. We also used Eventbrite to boost attendance with a raffle for 2 tickets to see Bill Nye.

## Celebrate Science Indiana 2022 Focuses on Protecting Our Earth



Linda Osborn





Ben Woodworth orchestrated HRG's booth, with sustainability as its primary focus. To accomplish this, Ben put together a visually appealing demonstration that portrayed the relative scarcity of certain resources such as freshwater and grazing land for livestock. Attendees were given a section of the world map and tasked with decorating a piece of paper to represent that section of the map. The decorated sections were then attached to a six-foot mock globe that had been sectioned off to mimic the map sections. In the end, dozens of decorated designs were affixed to the globe, creating a massive and visually striking final product. You can see a timelapse of the globe coming together here! Haley Keith (Mito Materials), Jordan Jewett, Faustina Keuliyen Rodriguez, and Mrs. Woodworth were key volunteers for this booth.



The brainchild of Allison Kempers, Early Childhood Educator at MSD Wayne Township, Celebrate Science Indiana for the first time, had an early childhood area for Pre-K through 1st grade students. Area museums and current schoolteachers managed this popular interactive space.

In addition to the 60 exhibitor booths with a wide range of engaging STEM experiences at this 2022 festival, there was a great line-up of science presentations and shows. Andy Harris, Teaching Professor, Computer and Information Science at IUPUI provided his popular 1-hour Computer Game Development sessions. James Lowery of Birmingham, Alabama, presented a combination of the sights and scientific information from his six trips to Antarctica. "The White Continent at the Bottom of the Earth" and "Antarctica — Personal Encounters with the White Continent". In addition to Guy Hansen's "Chemistry is a Blast", Rick Crosslin and Keith Ramsey performed "Science is FUNdamental"!

Steve Wilson, Diagnostics Development Manager at Cummins Engine, showed interested kids how to make their own battery and build an electric motor.

Many thanks to the numerous ACS members and all volunteers, sponsors, and exhibitors that were involved in making this event successful. So many new sponsors joined in the fun in 2022. If you are interested, please visit <https://celebratescienceindiana.org/> and please save the date for this year's festival Oct. 7th, 2023!



## 2022 CSI SPONSORS AND EXHIBITORS

Academy of Model Aeronautics, ACS – Indiana Local Section, Antarctica Ambassador, Beckman Coulter Foundation, Brickworld, Carbon Neutral Indiana, The Children's Museum of Indianapolis, Cirba Solutions, Circular Indiana, Citizen Science – FieldScope, Coca-Cola Consolidated, Inc., Corteva Agriscience, Culver Academies, Cummins Inc, Deeply Ingrained, Diversity & Innovation Institute, Duane Nickell "Scientific Indiana", Eli Lilly Chemistry is a Blast, Eureka Science Academy Card Game, Fisher Scientific, Geist Montessori Academy, Girl Scouts of Central Indiana, Heritage Research Group, Hoosier Association of Science Teachers, Inc., Indiana Academy of Science, Indiana Astronomical Society, Indiana Department of Health Laboratories, Indiana Donor Network / Donate Life Indiana, Indiana Network of Genetic Counselors, Indiana State Museum and Historic Sites, Indianapolis Museum of Art at Newfields, Indianapolis Zoo, Indy Book Project, Irving Materials, Inc., IU Environmental Resilience Institute, IUPUI Biology Club, IUPUI Biology, IUPUI Chemistry, IUPUI Chemical Biology, IUPUI Computer Science, IUPUI Graduate Student Chemistry Society: MOLE, IUPUI Psychology Department, IUSCCC COE Office, Keep Indianapolis Beautiful, Little Explorers, LLC, Marion County 4-H, McKenzie Center for Innovation and Technology - Biomedical Engineering, Merrell Bros., Inc., Monument Chemical, MSD Wayne Township Schools, National Weather Service Indianapolis, NOBCCHE, Ryan Education Consulting, SABIC, schottXchange, STARBASE Indiana – Indianapolis, Teachers' Treasures, The Children's Museum of Indianapolis, UIndy, Wonderful World of Insects (Purdue University).



## 2023 ACS Indiana Local Section Executive Board



Immediate  
Past Chair  
**Partha Basu**  
IUPUI



Chair  
**Christine Skaggs**  
Eli Lilly and  
Company



Chair-Elect  
**John Rohanna**  
Corteva  
Agriscience



Treasurer  
**Arvind Jaganathan**  
Corteva  
Agriscience



Secretary  
**Hannah Zimmermann-Federle**,  
Student  
IUPUI



Member-at-large  
**Sandra De La Torre**  
Eli Lilly and  
Company



Member-at-large  
**Kymeri Davis**  
Student  
IUPUI



Member-at-large  
**Jade Bing**  
Corteva  
Agriscience



Councilor  
**Beth Lorschbach**  
Nufarm  
Americas



Councilor  
**Brian Mathes**  
Elanco



Councilor  
**Erin Dotlich**  
Eli Lilly and  
Company



Councilor  
**Tom Xiao**  
Eli Lilly and  
Company



Alternate  
Councilor  
**Ken Racke**  
Retired



Alternate  
Councilor  
**Tamiko Porter**  
IUPUI



Alternate  
Councilor  
**Linda Osborn**  
Heritage  
Research  
Group



Alternate  
Councilor  
**Greg Smith**  
Newfields

## WE NEED YOU!

Our newly developed Communications team has a lot of open positions. If you are interested in joining one of these teams, please reach out to [Hannah Zimmermann-Federle](#)!

- **Content Creator – General (3 open positions)**

Description: Creates flyers and other advertising materials to be displayed on social media. Acts as a point of contact for committee chairs and creates requested content in social media-approved format. Coordinates with social media committee chairs to generate appropriate content and formatting (no software required to fulfill the position. Should have basic experience with platforms such as illustrator, word, etc.).

- **Social Media Content Creator (2 open positions: Twitter and TikTok)**

Description: Provides regular updates on social media for specific platform (min twice a month) related to activities on-going in (either content created yourself or working with committees). Works with social media chairs to create unique “brand” for specific platform and to publish content that is relevant to the target demographic. Works with committee chairs to publish and advertise relevant events.

- **Webmaster (1 open position)**

Description: The webmaster is responsible for all aspects of the ACS presence on the web. They also manage the design, implementation, documentation, user training and troubleshooting of the ACS website. This includes updating and uploading content (web, video, photo, etc...) and maintaining training and supportive relationships with content contributors (such as committee chairs). Additional responsibilities include supporting social media efforts and initiatives by managing our email address and sending content to our members.

- **Website Content Creator (2 open positions)**

Description: Creates content to update the website. Works with committee chairs to advertise upcoming events, showcase awards, and archive Accelerator issues. Coordinates with webmaster for appropriate content and formatting (should have fundamental knowledge on building websites).

- **Public Relations (1-2 open position(s))**

Description: Public relations specialists build and maintain a positive public image for a company or organization. They create media, from press releases to social media messages, which shape public opinion of the company or organization and increase awareness of its brand. As such they will manage individuals from membership affairs, social media, webmaster, and the Accelerator

- **Membership Affairs Volunteer – General (3 open positions)**

Description: Works with strategic planning team to assess and stay up to date on member needs. Provides feedback to committee chairs and the executive board on the needs of the section to allow for the creation of dynamic programming. Works with the chair elect to write grants to fund planned events.

- **Journalist – Accelerator (2 open positions)**

Description: Attends various events held by the local section and performs write up to be displayed in the Accelerator. Coordinates with editors for appropriate content and formatting. Provides images for write-up (must have access and knowledge of basic Office platforms).

# Past Chair Review

Partha Basu



Dear Friends,

Now that 2022 is over, we can reflect on the year. What a year it has been. After nearly two years of meeting virtually, we started the year with executive committee meetings in a hybrid mode; Covid 19 was still active. We organized an in-person general body meeting in May. The year culminated with an excellent end-of-year get-together at Aristocrat in December.

We were very pleased to fill almost every single committee chair position, and most committees either hosted or co-hosted an event. Many had at least two or three committees contributing to the planning and execution. The events were focused on member engagement, technical programming, professional development, STEM outreach, and community service. Throughout the year, six DEIR-focused events were organized. Events were hosted at Corteva, Lilly, HRG, State Fair Grounds, Marian University, Ball State, IUPUI, Victory Field, The White River, Ivy Tech, and the Children's Museum. Many of these events were attended by members and non-members. The local section organized a series of virtual/hybrid events through the tie blankets, mental health awareness, PREDICT Webinar, PREDICT Career Development Symposium, Circular Economy, and the mentorship program to engage our far-reaching community. This year, we interacted with members over an hour away in Kokomo and with our sister sections PU and IU. The local section secured ~\$15,000 in external grants from the National ACS.

I am very pleased and proud to highlight Indiana's diverse professional STEM workforce, and Indianapolis is a great place to work. Our efforts demonstrated the ample opportunities in our area for chemistry and chemical enterprise. Most importantly, it highlighted the great people involved in the local section.

Throughout the year, we also kept our eyes on the upcoming National Meeting in March 2023. Our local section has been very active in planning, and now we are moving into the execution phase. I am very thankful to our executive committee; without their active support and help, the year wouldn't have been as successful as it was. I am very excited about the future of the section with a strong chair, Christine Skaggs, in place. Finally, this section is special, and it is because of volunteers like you.

Best wishes,  
Partha

## FRONT PORCH OF THE AMERICAN CHEMICAL SOCIETY

Sunday March 26th 3-10PM and Monday March 27th 3-10 PM

The Indiana Section of the American Chemical Society welcomes you to the Front Porch Party for the 2023 Spring ACS meeting in Indianapolis on March 26th and 27th. We invite you to take part in this informal gathering space where we will show off local Indianapolis businesses and our Indy hospitality. We are delighted to have local Centerpoint Brewing handling our beer and wine garden in tandem with 3 variety food trucks. Music, games, and entertainment will be ongoing on both nights.

Location: West end of the Georgia St Pedestrian Corridor right next to the east exit of the convention center  
Event Highlights:

- Chemistry of Beer – Sunday evening – Register in advance through the ACS meeting registration site on the special events portion. Space is limited! \*Limited tickets may be available that evening.
- SCC/CONC/YCC Ice Cream Social – Monday - All ages are welcome! No advance registration required.
- CTAYCC Day in the Life Networking Event – Monday afternoon – Follow up to the YCC Day in the Life Symposium. Free Food and Beverage tickets will be provided to the first set of attendees! No advance registration required.



## INDIANA SECTION COUNCILOR RECEIVES ACS FELLOW AWARD

Erin Dotlich



Brian Mathes, Sr. Research Scientist at Elanco Animal Health and Indiana ACS Councilor has been named ACS Fellow. The American Chemical Society (ACS) Fellows Program is to recognize and honor members of the American Chemical Society for their outstanding achievements in and contributions to the science and the profession **and** for their equally exemplary service to the Society. In scientific achievements, Brian is being recognized for his outstanding contributions to drug discovery synthesis and modeling that led to substantial progress in the development of new pharmaceutical options in Alzheimer's, diabetes, and migraine headache treatments. In contributions to the ACS and science community, Brian is recognized for exceptional local, regional, and national ACS service as Committee Membership Affairs (MAC) Chair, leading MAC and ACS membership category change initiatives to enhance the size and scope of ACS membership. Brian and other new ACS Fellows were honored at a ceremony during ACS Fall 2022 National Meeting in Chicago. Find out more about the Fellows program at: [ACS Fellows Program - American Chemical Society](#).

## LOCAL TECHNOLOGIST WINS NATIONAL AWARD-DONATES WINNINGS TO PROJECT SEED

Erin Dotlich

Matthew Russell, Senior Technologist at Corteva was the recipient of the 2022 ACS National Chemical Technician Award. This national award honors excellence and professionalism among technicians, operators, analysts and other applied chemical technology professionals. Winners of this award receive \$1,000 and a plaque; however, Matthew donated the financial portion of his award to Project SEED. Matthew was recognized during ACS Fall National Meeting. Learn more about the award [here](#).



## CTA LEADERSHIP DEVELOPMENT SYSTEM COURSE AWARD

Are you an applied chemical technology professional and attending the ACS National Meeting in Indianapolis? The ACS Committee on Technician Affairs (CTA) would like to invite you to apply for the CTA Leadership Development System Course Award!

The CTA Leadership Development System Course Award covers the cost of taking an ACS Leadership Development System course during the ACS Spring 2023 Meeting in Indianapolis, IN. The facilitated courses are an excellent opportunity to enhance your core leadership competencies, network with other chemistry professionals, and build your personal network.

### Criteria:

- Live within 150 miles of Indianapolis, IN
- Be an ACS member with a valid membership number
- Have earned a two- or four-year degree in chemistry or related field
- Work in a chemistry-related field
- Have employer support for time off to attend the meeting

**Click to  
apply!**

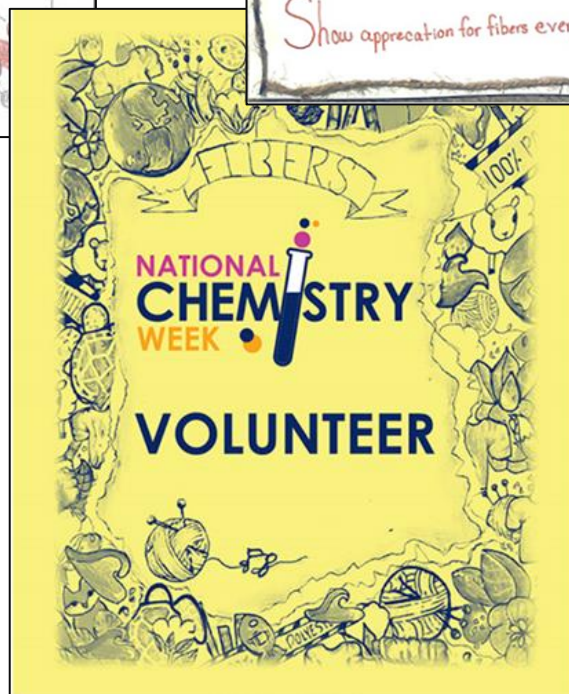
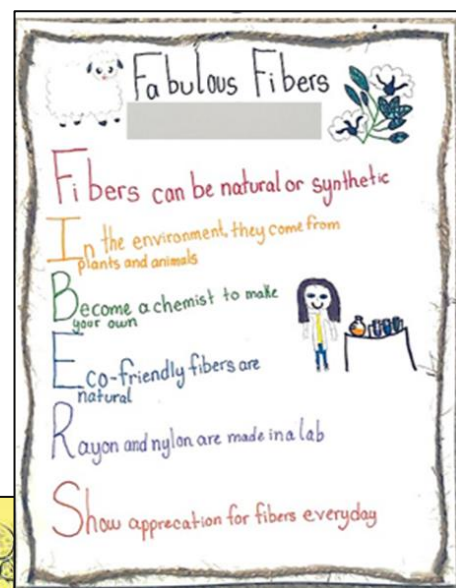
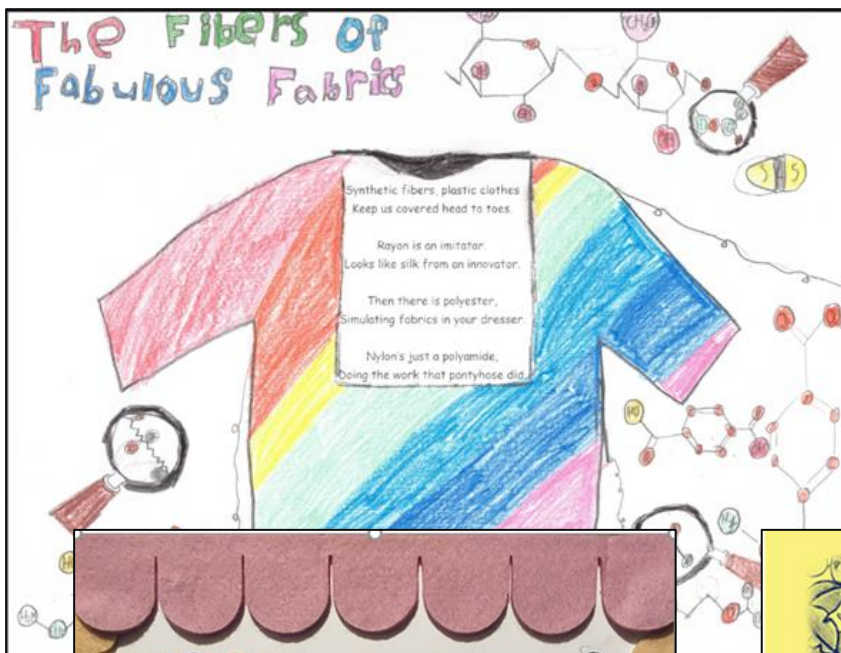
## 2022 ACS NCW Illustrated Poem Contest

Linda Osborn

The Indiana Local Section sponsored an illustrated poem contest for students in kindergarten through 12th grade. This contest was tied to the National Chemistry Week (NCW) theme “Fabulous Fibers: The Chemistry of Fabrics” with a submission deadline of October 11.

Poems were no more than 40 words and in the following styles: haiku, limerick, ode, ABC poem, free verse, end rhyme, and blank verse. Prizes were awarded as follows: 1st Place = \$100, 2nd Place = \$50, and 3rd Place = \$25 in each age group represented. We had 9 students submit illustrated poems that represented 5 different schools. First place winners of the Indiana Local Section’s Illustrated Poem Contest automatically advanced to the National Illustrated Poem Contest for a chance to be featured on the ACS website.

The seven judges enjoyed the talent of the students. One judge wrote: “So hard – some were cute, and some were fun, and some were cute and fun!” Another judge said: “Thanks for asking me to be a judge, this was really cute!”. The winning illustrated poems are shown below. Lilly’s artwork (Grade 6 first place winner) was used for the NCW volunteer t-shirts! Congratulations to all these gifted students. Enjoy a selection of the poems below!







# ACS USNCO

## U.S. National Chemistry Olympiad



### 2023 INDIANA SECTION ACS USNCO EXAM

Dear Chemistry Colleagues,

The American Chemical Society Indiana Section will offer the 2023 USNCO Local Section Exam in person on Saturday, March 18, 2023, at Carmel High School. Students are asked to report to the Carmel H.S. cafeteria at 8:30 AM. Part I of the Local Section USNCO will commence promptly at 9:00 AM and should be completed by 11:00 AM. Part I is a multiple-choice exam, examples of which may be found on the [ACS website](https://www.acs.org/olympiad).

Local section awards are based only on Part I of the exam.

Students who wish to compete to be one of the 11 Indiana Section Students who will take the National USNCO Exam, tentatively April 22, 2023, at IUPUI, must take Part II of the local section exam from 11:15 AM until noon. Part II is a locally designed three-question written exam. Note that a maximum of two students from a single high school may take the national USNCO exam. The 11 students selected to take the national exam will be based on their composite performance on Part I and Part II of the local section exam.

The in-person local section USNCO exam will be offered only from 9:00 PM-noon Eastern on Saturday, March 18, 2023.

For logistical reasons, we must have names and contact information, including email addresses, for all students who will take the local section exam by February 1, 2023. Exam rules and registration forms are attached as separate files.

Deadline for receipt of student registration forms, sent to [rpribush@butler.edu](mailto:rpribush@butler.edu) is February 1, 2023.

Indiana Section award winners and national exam nominees will be determined based on the local section exam scores. By Wednesday, March 22, 2023, student scores and the list of award winners will be sent to those teachers that submitted registration forms.

Robert A. Pribush, PhD  
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Click for Exam Materials

## ACS, Indiana Section, Sponsors 2022

### "Science Claus is Coming to Town"

Linda Osborn

On December 3, at 6 pm, science took center stage again in a brilliantly choreographed and well-orchestrated science symphony. Rick Crosslin starred in the Fifth Annual Wayne Township "Science Claus is Coming to Town". This delightful event featured a cast of scientist teachers including Science Clause played by Rick Crosslin and his elves Allison Kempers, Keith Ramsey, Justin Abner, Mary Mason, Lisa Baize, Aric Hartvig, Larry Couch, Karen Owens, John Kline, Adam Kempers, Tawona Anderson, staff members Kayla Nutter, Keilah Cruces, Cynthia Cazares, and the Wayne Township Education Foundation.

On the main stage at Ben Davis HS, ideas from Michael Faraday, Humphry Davy, Isaac Newton and other famous scientists were featured. So many experiments were orchestrated during this 90-minute show. Hydrogen Peroxide was reacted with manganese dioxide releasing pure oxygen. Whoosh bottle experiments demonstrated the combustion of an alcohol/air mixture releasing a large amount of energy accompanied by flames and a 'whoosh' sound. Flying toilet paper using a leaf blower and paint roller to demonstrate the Bernoulli Principle "TP'd" the auditorium. Elephant toothpaste wowed the crowd, and ping-pong ball explosions made for an exciting grand finale. A lot of science fun at Wayne Township's annual Science Claus show! Justin Abner, Mary Mason, Lisa Baize, Aric Hartvig, Larry Couch, Karen Owens, John Kline, Adam Kempers, Tawona Anderson and staff, Kayla Nutter, Keilah Cruces, Cynthia Cazares, and the Wayne Township Education Foundation. Our ACS Indiana section was an event sponsor to help make this magical evening free to the public. Thank you to our Foundation Title and Platinum Sponsors shown below.

#### SCIENCE CLAUSE SPONSORS:

**Thank you event and platinum sponsors!**



thank you platinum sponsors



Indiana University Health





# Upcoming ACS Indiana LS Events

Event	Date
USNCO Local Section Exam 2023	3/18/2023
SEFI - ACS Indiana Section Science Fair Awards	3/25/2023
ACS Spring National Meeting	3/26/23-3/30/23
CWD Improv for Scholars	At Spring ACS Meeting
Science Day at Ball State	4/22/2023
Celebrate Science Indiana	10/7/2023

## Other upcoming events without set dates:

- Illustrated Poem Contest & t-shirt contest
- Kids and Chemistry
- National Chemistry Week
- Science Claus
- HS Outreach Kits
- Project SEED
- Onboarding Institute
- LS Housekeeping
- Strategic Planning for local ACS section
- Awards Night/EOTY Celebration
- Interviews, CVs, and Resumes
- PREDICT etiquette dinner
- PREDICT Webinar
- Chemistry of DEIR social
- PREDICT w/ CWD
- Think Like a Molecule Poster Session
- Faculty Appreciation Night
- HS Teacher Appreciation night
- CTA networking event
- Follow-up event related to Circularity/Sustainability
- Mentorship Program 2023

If you are interested in organizing an upcoming event or participating on the committees, please reach out to [Christine Skaggs](#).

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