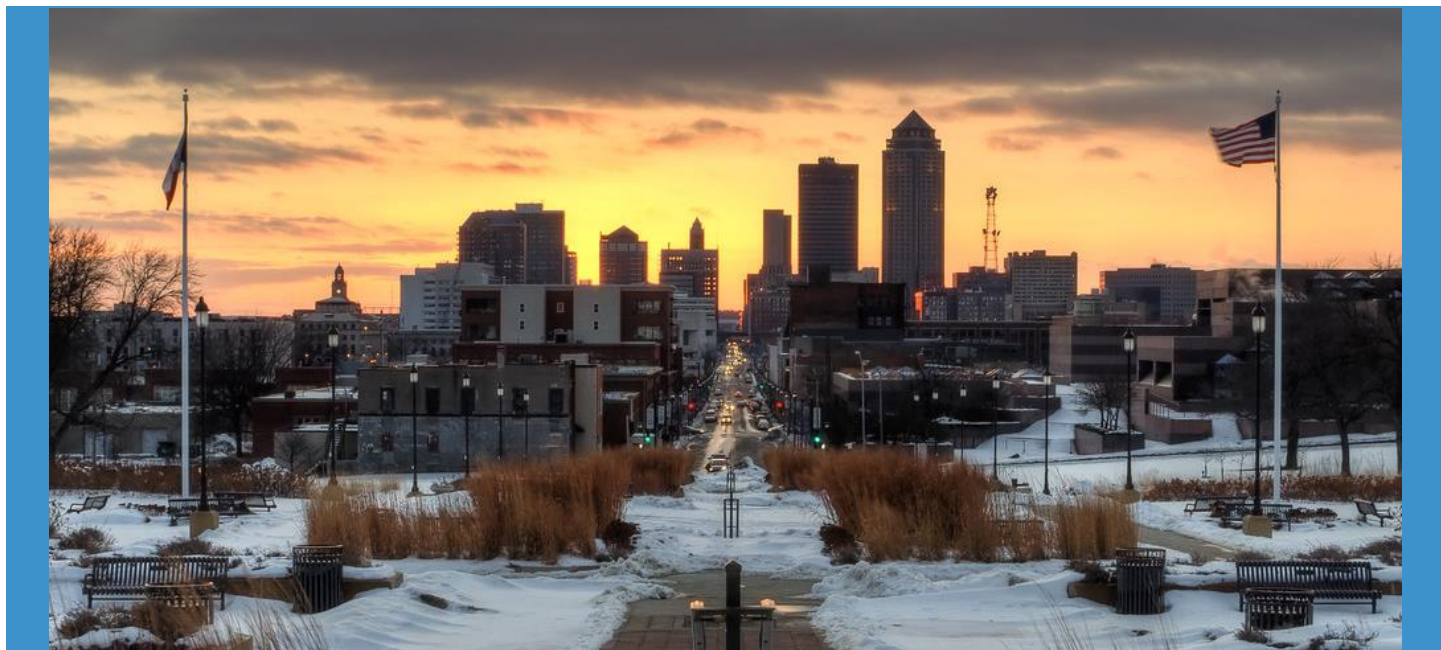




The Accelerator



INDIANA SECTION OF THE AMERICAN CHEMICAL SOCIETY



This Photo by Unknown Author is licensed under CC BY-ND

PAGE 2-3

CHAIR'S CORNER

Learn about the amazing successes of INACS in 2023!

PAGE 5-6

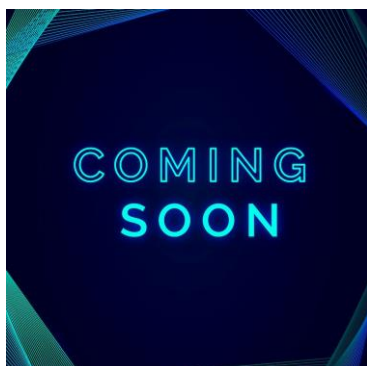
CHEMLUMINARY AWARDS

Read about our award-winning programs!

PAGE 11-14

END OF YEAR BANQUET

Celebrate our sponsors and volunteers who were recognized in December.



BYLAW CHANGES COMING

BY COUNSELOR BRIAN MATHES

The Indiana Section needs to review its bylaws periodically, and 2024 is our year! We have a team of Section leaders looking at our current bylaws and are comparing them to the National ACS's recommendations. In addition to taking in account their suggestions, we will marry up our actual operating procedures. Once that is done, we will present our proposed bylaws back with the National office to make sure they are consistent with the National ACS. We will require our membership to vote to approve the bylaw changes and put them into effect. You will be seeing this on your annual officer's ballot at the end of 2024, but we wanted to give you a little preparation time. Look for more information in a future issue.

CHAIR'S CORNER

By: Christine Skaggs



THAT'S A WRAP: GOODBYE 2023 AND WELCOME 2024!

As I reflect on my term as chair, I'm astounded by the resounding passion and support I've received this year. I couldn't have asked for a better group of leaders, volunteers, and members to have in my corner. I wanted to take the opportunity to capture our major accomplishments for the year around membership, the national meeting, ChemLuminary Awards, our committee chair leadership, and our 2023 events.

The first accomplishment I'd like to highlight centers around our membership. We had an overall **20%** increase in members this year. This is an outstanding accomplishment that directly correlates to the total number of Councilor representation our section will have at a National level. It is critical for us to maintain our councilor positions so that we may continue to develop our section's impact at a national level. Past section Councilors have many notable contributions including: the reduction of membership fees, establishment of the nation-wide Women Chemist Committee (WCC) Travel Program, and acting as a member of the first National D&I Advisory Board. Thank you to all our new members and sponsors who helped us to increase our numbers. Additionally, the last 5 years of the section's focus has been centered around gaining more student and young professional leadership. The current executive board is comprised of five YCC leaders, two of which are currently students. Overall, the section has seen a **3%** increase of student members and a **7%** increase in YCC membership. The executive board continues to encourage our YCC demographics to get involved in the section and to take advantage of micro-volunteering and networking opportunities. Finally, the section congratulates nine individuals who received their 60-year membership certificate: Ronald Bopp, Robin Cooper, Robert Gillette, Norman Mason, Phillip Miller, Ronald Morse, Patrick Murphy, William Pfeifer, Robert Templeton. We thank you for your continued service and dedication to the section.

We have also grown our volunteer base adding **14** new committee chairs to the section. We provided a warm welcome to: Ron Benning (Committee on Technician Affairs), Erin Hancock (Industry Relations), Karina Vazquez (Social Media), Abdallah Diagne (Nominations), Muhammad Khalifa (Grants), Jim Ringer/Alex Tamerius/Eray Schulz (Mentorship), Frédérique Deiss/Carmen Gonzalez-Ferrer (Webmaster), Al Prusinowski (Committee on Minority Affairs co-chair), and Mikayla Metzger (Membership Affairs and Elections). Thank you for your service this year and I hope you will continue to volunteer with the section next year!

Our section also has a group of top-notch annual sponsors. The following group exemplifies the theme of the Crossroads of Chemistry where academia, industry, and the community come together to share their love of science. Thanks to the continued annual support from these companies and universities, we can develop top-notch programming, invest in professional and technical development opportunities for our volunteers, and dedicate resourcing to the section upkeep including some of the recent platforms that you all enjoy (like the email blast system). (continued on page 3)



Thank You Annual Sponsors

CHAIR'S CORNER, CONTINUED

Secondly, the Spring National Meeting was located here in Indianapolis bringing in a total of 12,647 attendees and 9,230 technical posters and oral presentations. Overall attendance was up nearly **15%** from our last meeting that was held in the Fall of 2013. Additionally, we had higher attendance than any of the preceding seven national meetings (spanning over 5 years), both fall and spring, aside from San Diego Spring 2022 and Orlando Spring 2019. Thanks to our National Meeting sponsors (shown below), we were able to sponsor **82** student registrations at the National meeting. This contribution has allowed us to gain one new student chapter: CATALYST the graduate student chemistry organization at IUPUI. We were able to host nine events at the spring meeting having a total of **2,000** event attendees. This allowed for us to receive recognition by the ACS CEO, Albert Horvath.

"As I work to recover from an incredible week in Indy, I wanted to say a hundred thank you's to you and your Section mates for making our Spring 2023 meeting a smashing success! The energy you brought and hospitality that you provided were fantastic. I cannot thank you enough for helping to create an event that I will never forget."

- Albert Horvath, CEO ACS

Click here to enjoy a video about the National Meeting: https://www.youtube.com/watch?v=58J_6WsdN98



Volunteers during the 2023 National Meeting ACS IN LS sponsored events

Finally, the successes of 2022 brought us a new ChemLuminary award record. Out of fourteen nominated events, nine of them placed as finalists in the following categories: Best Activity or Program Highlighting ACS Change Driver(s) or Strategic Planning, Best Overall Local Section Minority Affairs, Outstanding Promotion of the Society's Sustainability Position Statements, Chemists with Disabilities Inclusion Award, MAC Industry Engagement & Outreach, Outstanding Local Section Industry Event, Outstanding Local Section Younger Chemists Committee, Outstanding U.S. National Chemistry Olympiad, Outstanding Performance by a Local Section - Medium Large Size Category. Four of these went on to win in their respective categories.

Read further in this issue of The Accelerator for more details on these awards, plus many more exciting events and awards related to our amazing group. Thank you all for a beautiful year as chair and here's to another strong year for the Indiana Local Section!

Christine Skaggs
2023 IN LS Chair

Core Values: Passion for chemistry; Focus on members; Professionalism, Safety & Ethics; DEIR



Vision

Inspiring a Caring Community Through Chemistry



Mission

Creating a Sustainable Legacy Through Professional and Scientific Development, Membership Engagement and Outreach



Goals & Strategies

Goal 1: Membership Engagement. Increase and enhance membership engagement and involvement through creative programming

G1S1: Reorganization and PR. Improve information dissemination and create succession plan. I=H, R=H

G1S2: Premiere Programming. By March 2024, prioritize yearly events focused on networking & new/current member events. I=M/h, R=H

G1S3: Reengagement of Student Chapters. Ensure three new academic institutions in Indiana section have an active student affiliate group associated with us providing resources to group by end of 2025. I=H, R=M

INACS 2024 Strategic Plan*



Goals & Strategies



ACS
Chemistry for Life®

Goal 2: Professional and Scientific Development. Provide and promote resources for professional success and scientific excellence across career stages and goals.

G2S1: Programming Events. Host 2 theme-based networking events by end of 2024. I=M, R=M

G2S2: Seminar/Lecture Series. Host one scientific enhancement event by Q4 2024. I=M, R=H

G2S3: Career Development. By Q4 2025, pilot 10 Microvolunteering/Leadership development Opportunities. I=M, R=L

Goal 3: Outreach. Design inclusive programming to educate, support and advocate for our community.

G3S1: Strategies to prioritize resources. By the end of Q1 2024, form a task force for community engagement that will prioritize and consolidate LS events down to 15. I=H, R=M

G3S2: Outreach: Design inclusive programming to educate, support and advocate for our community: Redesign communication strategy to increase participation by schools and students in ongoing K-12 activities to increase under-represented minorities I=M, R=H

G3S3: Specific events. Design a Chemistry of Art - Community Day event that serves the under-represented community and improves the public perception of science I=H, R=M

Board members met in December 2023 and voted to approve the INACS 2024 strategic plan, which can be seen in the graphic above. Each of our three new goals have three strategies for completion, and we need dedicated volunteers to move our plans forward. If you are interested in getting involved and helping us achieve these stated goals, please let us know by filling out the following form!

<https://forms.gle/Ts3NqbeYtSCZuSZF7>

ACS NATIONAL CHEMISTRY WEEK

By: Brendon Sargent & Joe Topczewski

The ACS National Chemistry Week - Chemistry Day at the Children's Museum of Indianapolis occurred on November 11th, 2023. 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. The ACS NCW theme this year was "The Healing Power of Chemistry."

At this event, volunteer groups ran a table of hands-on science activities, ranging from antacid demonstrations to applying hydrogel as bandages. Waters even brought a robot to show color separations! We had 12 groups participate this year, including our friends that drove several hours from IU Bloomington, with over 75 volunteers sharing their passion for science. The museum had an attendance of 3,882 people that day and our volunteers recorded individual table participation at 4,650.

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 2024! If you know any other groups in the area that would be a good fit for this event, please reach out to us!

ACS IN WINS CHEMLUMINARY AWARDS

By: Christine Skaggs



Credit: EPNAC.com

Committee on Minority Affairs member Seth Ablordeppey (left) and ACS immediate past president Angela K. Wilson (right) present the award for the Best Overall Local Section Minority Affairs Committee to Abdallah Diagne, Erin Dotlich, Beth Lorsbach, John Rohanna, Partha Basu, Robert Pribush, and Tom Xiao (from second from left to second from right) of the Indiana Local Section.

Join me in congratulating our many hardworking members who contributed to the Indiana Local Section receiving four ChemLuminary awards!

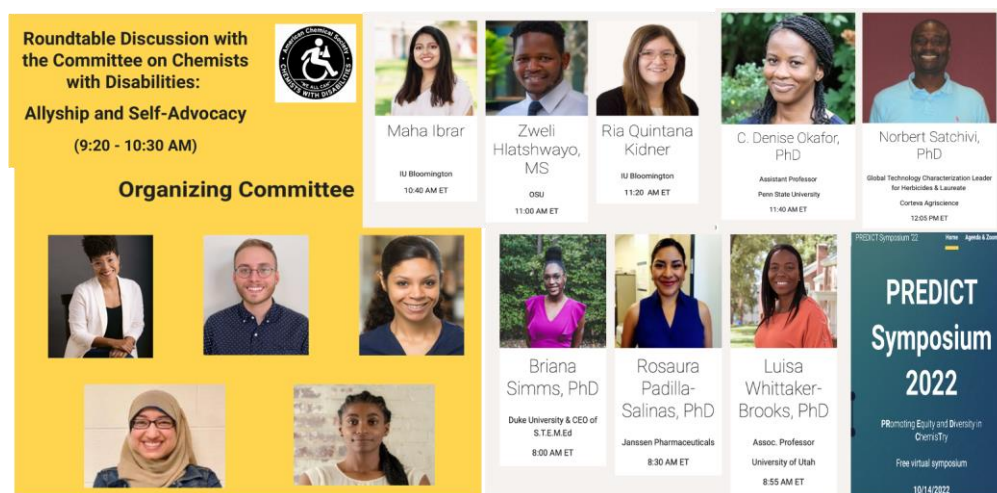
Outstanding Performance by a Local Section - Medium Large Size Category: This award recognizes a local section, by size, for outstanding overall performance and excellence in individual programs or activities. During his time as chair, Partha Basu (IUPUI) set goals to engage members and the community through programming, continued integration of DEI events, and planning of the national meeting to make it more exciting and engaging for attendees. Under his leadership, our committees held 24 documented activities which was over a 100% increase from 2021. Comments from national applauded our strong efforts to remain active, strengthen comradery within the section, develop future leaders with succession planning in mind, re-establishing events post-pandemic, and through awareness of section needs with clear goals to tackle these issues.



Outstanding Performance by a Local Section - Medium Large Size Category, 2022 Event Photos

Best overall Local Section Minority Affairs and Chemists with Disabilities Inclusion Award (PREDICT webinar): These awards recognize local sections that consistently promotes and encourages the participation of leadership of underrepresented minorities in the chemical sciences and for providing outstanding efforts to support the mission of the Chemists with Disabilities Committee. Since its implementation as a core value within the ACS, Diversity, Equity, Inclusion,

and Respect has been a central topic of discussion within the section and with it our signature **PRomoting Equity and Diversity In ChemisTry** (PREDICT) event was created. This event won a ChemLuminary award in 2022 for Best Activity or Program Highlighting ACS Change Driver(s) or Strategic Planning. Last year, the organizing committees took a deeper dive into themes of diversity and inclusion splitting the series into four events and received finalist nominations for these efforts in five categories. The webinar these awards represents had 78% participation from members of underrepresented racial/ethnic groups, collaborated with the National Organization of Black Chemists and Chemical Engineers (NOBCChE) and the National Chemists with Disabilities Committee as co-sponsors, and provided American Sign Language (ASL) and CART opportunities. Co-chairs of the Committee on Minority Affairs, Al Prusinowski (Corteva Agriscience) and Jade Bing (Corteva Agriscience), and their volunteers were recognized for their exceptional efforts.



PREDICT Webinar Organizing Committee and Speakers Line Up

MAC Industry Engagement & Outreach (Speed Mentoring): This award was a Featured Award in 2022 recognizing the effort of the chemical industry for its engagement and outreach to the chemistry community about working in industry. Hosted at Marian University, the event paired 20 students w/ 20 industry professionals as they engaged in 15 min mentoring session rotations. Student participants were high school through graduate students and were exposed to a diverse range of scientific excellence from members of Eli Lilly and Company, The Heritage Group, and Corteva Agriscience. This event exemplified the Crossroads of Chemistry theme bringing academia and industry together to support our emerging scientists along their career journey. It was also run by brand new section volunteers Karina Vazquez (Eli Lilly and Company), Sandra de la Torre (Eli Lilly and Company), Carmen Gonzalez-Ferrer, (Eli Lilly and Company) and Joyce Horton (representing the Marian University STEM society) with the support of Christine Skaggs (Eli Lilly and Company).



Speed Mentoring Volunteers and Participants

Think Like a Molecule Poster Session

By: Meghan McLeod



*Grand Prize Winner
Christine Garrett
with Christine
Skaggs (Local
Section Chair) and
Meghan McLeod
(TLaM Event Chair)*

For the first time since 2019, the Think Like a Molecule Poster Session was able to be held in person! The event was co-hosted with Marian University's Sigma Zeta Chapter and held at the Michael A. Evans Center on Marian's campus. We had 36 presenters, including high school, undergraduate, and graduate students, from six local universities. We also had ten local section members volunteer to serve as judges. This included members from both industry and academia and was a great opportunity for students to network with local section members as well as their peers. Marian University was a fantastic host, the Evan's Center was a perfect venue, and we had over twenty student and faculty attendees.

The main event was of course the awards ceremony when we awarded over \$1200 in cash prizes to thirteen student winners. The judges were very impressed with all the posters, and it was a difficult decision to select the top presenters, but it is a very talented group of winners this year.

2023 ACS Poster Session Winner

- Grand Prize Winner **Christine Garrett (IUPUI)** *Reactions of Congo red and azo dye congeners with formaldehyde*

Sigma Zeta Award

- 1st Place: **Phillip Betts (Ball State)** *Investigation of the Effects of Mutating Iron-Coordinating Residues in Rieske Dioxygenases*
- 2nd Place: **Sloan August (Butler)** *Synthesis of Novel Fluorescein Diesters as Fluorogenic Probes of Enzymatic Activity*
- 3rd Place: **Clayton Stultz and Mikal Lange (Indiana State University)** *Selective coupling reactions between organotetrafluorosilicate and aryl-diazonium salts to synthesize biaryls or azobenzenes*

ACS Chair's Award

- 1st Place: **Madison Page (IUPUI)** *Electrochemiluminescence in droplets towards highly sensitive bacterial detection*
- 2nd Place: **Natalie Sellnau (IUPUI)** *Electrochemical Presumptive Test for Detection of Fentanyl and Fentanyl Analogs*
- 3rd Place: **Taylor Casey (IUPUI)** *A Light Mediated, Photocatalyst-Free Reductive Dealkylation of Aryl Alkyl Ethers*

Kurek Student Award

- 1st Place: **Sung Hoo Hong and Junhwa Kim (Ball State)** *Preparation and Characterization of Functional Nanomaterials for Solar Cell Energy Conversion*
- 2nd Place: **Laphat Jean (Marian)** *The lipidomes of C. elegans with mutations in asm-3 and hyl-2 show distinct lipid profiles during aging*
- 3rd Place: **Lee Hernandez and Naomi Chan (University of Indianapolis)** *Analysis of Lead Concentrations in the University of Indianapolis Soil Utilizing the MP-AES Instrument*

ONE SPOON, TWO SPOON, RED SPOON, BLUE SPOON

By: Allen Prusinowski & Grace Trammel

The second annual PREDICT (PRomoting Equity and Diversity in ChemisTry) Etiquette Dinner took place on October 26, 2023, hosted by the Indiana Local Section Committee on Minority Affairs (CMA). The Etiquette Dinner serves to teach the ins and outs of dining and shed light on the intricately-placed, often overwhelming, table setting – why exactly are there so many utensils!? It aims to help our members (especially those from under-represented backgrounds) gain confidence in professional and business settings, expand their networks, and utilize perception management to reduce bias.

Jacquie's Catering provided an excellent 4-course dinner at the Ivy Tech Culinary and Conference Center in Downtown Indianapolis, and the 2023 dinner featured etiquette coach Mr. John Scott, President and Founder of The Etiquette and Leadership Institute of Indiana (ELII). Mr. Scott provided lessons throughout the meal, including the purpose of each item at the table, social perception management, how to use utensils for different dining styles, and much more. Grace Trammel, co-chair for the 2023 Etiquette Dinner, stated the most important takeaway for her was that by providing students with skills and knowledge about etiquette, they are empowered to promote themselves.

With a focus on improving access to this valuable opportunity, the event was made free for all attendees. Additionally, transportation was pre-arranged to remove unnecessary barriers associated with transportation availability or cost. All attendees received an ACS-LS leather padfolio for taking notes during the event, as well as to utilize in their upcoming interviews, conferences, and other professional activities. Active participation was encouraged, and prizes were awarded throughout the event as incentives.

Following the event, a survey was sent to participants, to gauge the success of the event and ensure a diverse audience was reached: 1) Attendees gave an average score of 9.6/10 on feeling more confident as a result of the Etiquette Dinner; 2) 25% of attendees were first-generation college students; 3) 24% of attendees were from chemical-industry, 32% undergraduates, and 40% graduate students with representation from 8 organizations across Indiana; 4) 69% of attendees were from underrepresented racial or ethnic groups within the sciences.

Jade Bing, co-chair for the CMA, stated in her concluding remarks: the dinner is important for reducing bias and judgement; it helps empower those from underrepresented groups in Chemistry to focus on presenting themselves and their science, without worrying about which utensil to pick up next.

The planning team (Grace Trammel, Allen Prusinowski, and Jade Bing) would like to extend a "Thank you!" to all of the volunteers from Corteva Agriscience, Eli Lilly and Company, and IUPUI who helped with carpools, set up, check-in and support throughout the event – we could not have a successful event without your dedication.

ONCE UPON A GREEN CLASSROOM: INSPIRING SUSTAINABILITY THROUGH ELEMENTARY SCHOOL STORYTELLING

By: Linda Osborn

The following ACS members have volunteered to participate in a special program to engage young minds to care for the environment through storytelling and hands-on experiments: Brian Mathes, Chris and Renee Welch, Kelvin Okamoto, Alan Schmidt, Matt Russell, Denise Durham, Andrea Moberly, David Berberich, Patricia Maldonado, Ken Miller, Christine Skaggs, Hannah Zimmerman-Federle, and Linda Osborn.

Denise Durham completely enjoyed visiting a Christian School in Avon with 20 of Ms. Englert's 4th-grade students. She purchased 3 books to use for this outreach: *Michael Recycle* by Ellie Bethel, *Trash* by Andy Mulligan, and *The Upcycle: Beyond Sustainability* by William McDonough.

Denise introduced the class to the game "Compost Bingo." The object of the game was for the students to choose whether the pictures of various trash belonged in the recycle bin that was on the left side of their game board, or the regular trash bin located on the right side of their game board. Each student cut out their game pieces showing various trash (there were 6 different game piece boards that she gave out amongst the students so that each student sitting at the same table had different game pieces to work with). Like regular bingo, she called out and showed the students a specific game piece of trash one at a time so that the students could see if they had that game piece. If they had the game piece that she called out, then they would glue that game piece onto their game board either on the recycling side or the regular trash side. The first students to fill out their game board had a chance to win a prize. Four students finished their game boards first. Those four students came up to the front of the class to show the rest of the class their game boards. The class then voted on which of the four students had the most correct game board. Denise gave the student who won the class vote the book *Trash*. Next, she read *Michael Recycle* to the class. Finally, she had the class conduct the "Plastic milk" experiment reinforcing the concept of upcycling and how waste can be transformed into a valuable resource in a circular economy.

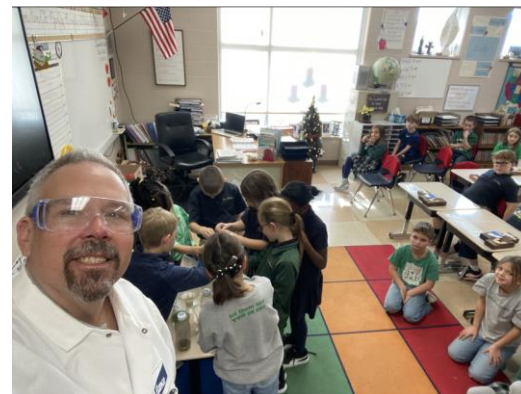


Andrea Moberly arranged "Once Upon a Green Classroom" activities in the Avon School System. On Dec. 11th, David Berberich partnered with Andrea to perform storytelling and lead a design challenge with two different groups of students. In each class, one of the students had seen a movie on Netflix that was based on the book

that was read, *The Boy Who Harnessed the Wind* by William Kamkwamba. For the experiment, biodegradable packing peanuts and water were provided to the students, who were challenged to see who could build the tallest structure that could support the weight of a quarter. The volunteers discussed how these packing peanuts were an example of redesigning a useful material to make it more environmentally friendly, and the students were challenged to think of other creative ways to change designs to have a positive impact on the environment. Additionally, Andrea discussed the scientific method with the students, who practiced observing and redesigning structures that weren't successful. Of the experience, David said, *"I think that the students were engaged and challenged by the questions that were asked. It was fun and the teacher was very appreciative."* Both Andrea and David enjoyed their time and said they would certainly do it again, given the opportunity!



Brian Mathes was exhausted after leading 8 classes of students at his son's school on Dec 15th! With his superpowers, he single-handedly inspired 240 children at St. Malachy.



At all schools, books were purchased and left with the school to keep for other children to enjoy! Another outreach is scheduled at Garden City Elementary School for the week of Jan. 29, 2024, and the 4th-grade teachers are excited about the upcoming visit from our ACS, Indiana Section chemists. We are extending this program into 2024, so if you know any elementary school teachers who might be interested in having an ACS member perform these kinds of activities in their classrooms, please let us know. The personal connection makes a big difference. If you are an ACS member and would like to participate in this program, please click below to register.

To register, [Click Here!](#)

ACS YEAR-END VOLUNTEER AND SPONSOR RECOGNITION EVENT

By: Tom Xiao

The ACS Year-End Volunteer and Sponsor Recognition Event has just concluded, and special thanks go to everyone who attended despite their busy schedules and those involved in the planning process. A heartfelt appreciation goes to our current chair, Christine Skaggs, for her outstanding leadership that guided us through this incredible year, successfully hosting the National Meeting in our hometown along with 29 impactful events. Thanks to Indiana Local Section and Eli Lilly and Company for co-sponsoring this event.

At this reflective event, we welcomed members of the ACS Indiana Local Section, dedicated volunteers, and distinguished guests, including K-12 students who participated in our Chemistry Olympiad and HSEF programs, Project SEED/STEM programs, CSI, and NCW Illustrated Poem competition program winners. Invitations were also extended to Local Section and committee leaders, Local Section annual corporate sponsors, the 2023 Spring National Meeting sponsors, and potential Local Section volunteers and sponsors.

The End-of-Year Celebration took place at the Lilly Corporate Center (LCC) Heritage Hall and the B93 Auditorium on December 6th from 6:00 pm to 9:00 pm. The event aimed to acknowledge our volunteer base and sponsors/partners throughout the year, celebrating the numerous accomplishments of 2023 to motivate volunteers and express gratitude to our sponsors/partners. The evening began with a welcome from our Local Section chair, Christine, followed by a holistic high-level review of the year. Our chair-elect, John, shared his expectations for next year's key events, and our Project SEED/STEM director, Matt, highlighted the amazing programs accomplished this year. The evening concluded with the award ceremony, kicked off by Award Chair, Tom, recognizing over 30 volunteers and sponsors/partners. It was filled with good company, drinks and hors d'oeuvres, and reflections on the incredible year we've had together. Invitations were sent to close to 200 people, with 78 accepting and attending the event. A professional photographer was hired to capture some highlights, and selected pictures, along with a brief event summary, were included in the annual report for National ACS communication.

The event followed the following agenda: 6:00 pm - 7:30 pm: Guests' arrival/registration, with the reception service starting at 6:00 pm. 7:30 pm - 7:45 pm: Welcome from Christine Skaggs (Chair), John Rohanna (Chair Elect), and Tom Xiao (Awards Chair). 7:45 pm - 8:45 pm: Presentation on 2023 accomplishments (including a Project SEED overview by Matt Allen), recognition of awardees, and sponsors.



Please join me in congratulating all our local section award recipients and thanks to their contributions to our Local Section's successful year.

Last Name	First Name	Award Region	Award Name
Basu	Partha	Indiana Section	Past Chair & ChemLuminary Outstanding Performance by a Local Section
Deiss	Frédérique	Indiana Section	Spotlight Award
Diagne	Abdallah	Indiana Section	Linda Osborn Award for Outstanding Volunteer Service to the Community
Khalifa	Muhammad	Indiana Section	IN Section Award
Mathes	Brian	Indiana Section	Salute to Excellence
Metzger	Mikayla	Indiana Section	Rising Star
Dotlich	Erin	Indiana Section	Volunteer of the Year
Moberly	Andrea	Indiana Section	Ace of Initiative
Rohanna	John	Indiana Section	Salute to Excellence
Smith	Greg	Indiana Section	Salute to Excellence
Zimmerman-Federle	Hannah	Indiana Section	Salute to Excellence
Bodurow	Chris	Indiana Section	Salute to Excellence-Distinguish Leadership Award
Lechleiter	John	Indiana Section	Salute to Excellence-Distinguish Leadership Award
Porter	Tamiko	Indiana Section	Outstanding Legacy Award
Trammel	Grace	CMA Committee	CMA Rising Star Award
Salim	Heba	ChemLuminary	Chemists' w/ Disabilities Inclusion Award and Best Overall Minority Affairs PREDICT Webinar
Bing	Jade	ChemLuminary	Chemists' w/ Disabilities Inclusion Award and Best Overall Minority Affairs PREDICT Webinar
Prusinowski	Al	ChemLuminary	Chemists w/ Disabilities Inclusion Award and Best Overall Minority Affairs PREDICT Webinar
Vega	Carolina	ChemLuminary	Chemists w/ Disabilities Inclusion Award and Best Overall Minority Affairs PREDICT Webinar
De La Torre	Sandra	ChemLuminary	MAC Industry Engagement and Outreach
Gonzalez-Ferrer	Carmen	ChemLuminary	MAC Industry Engagement and Outreach
Horton	Joyce	ChemLuminary	MAC Industry Engagement and Outreach
Vazquez	Karina	ChemLuminary	MAC Industry Engagement and Outreach
Corteva Agriscience		Indiana Section	Salute to Excellence Outstanding Sponsor Award
Eli Lilly and Company		Indiana Section	Salute to Excellence Outstanding Sponsor Award
The Heritage Group/Monument Chemical		Indiana Section	Salute to Excellence Outstanding Sponsor Award
Indiana CTSI		Indiana Section	Salute to Excellence Outstanding Partner Award

*Thank you all for an incredible year!!
Happy Holidays and see you in 2024!!*





LOCAL ACS ILLUSTRATED POEM CONTEST WINNER WINS NATIONAL AWARD

By: Linda Osborn

Three students from Garden City Elementary School's 4th grade class won first, second, and third, in our local section contest in the 3-5th grade category. Their teacher, Stephanie Donovan was so excited...

"Oh my gosh!... In fact, if you drive by our school, their picture and award from ACS are posted on our school sign outside! (4901 Rockville Rd, 46224). It was also posted and celebrated with the school newsletter to all Garden City Elementary families! In addition, I'm assuming you heard, Jose received 2nd place in the national competition!! That is Amazing!! I can't tell you how much I appreciate your organization providing this contest for students! I'm especially grateful because it has affected many lives in our school, as our population does not always have such incredible opportunities!"

The first-place winner along with his teacher attended our ACS awards celebration on 12/6. Jose T's winning poem can be found with the other national winners at:

<https://www.acs.org/education/outreach/ncw/plan-an-event/illustrated-poem-contest/winners.html>

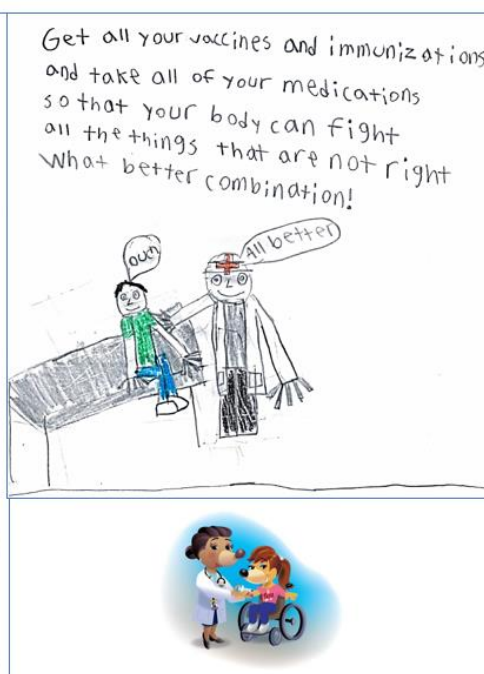
As part of NCW 2023, students from grades K-12 were invited to share their interpretation of this year's theme, "The Healing Power of Chemistry", in the form of illustrated poems. First-place winners qualified for the national contest via ACS local sections.

A special thanks to Christine Skaggs, Denise Durham, Ron Benning, Erin Hancock, and Ann Kimble-Hill for judging this year's illustrated poems. If you know of any K-12 teachers who would like to participate in this contest next year, please text Linda Osborn at 317-443-0527.

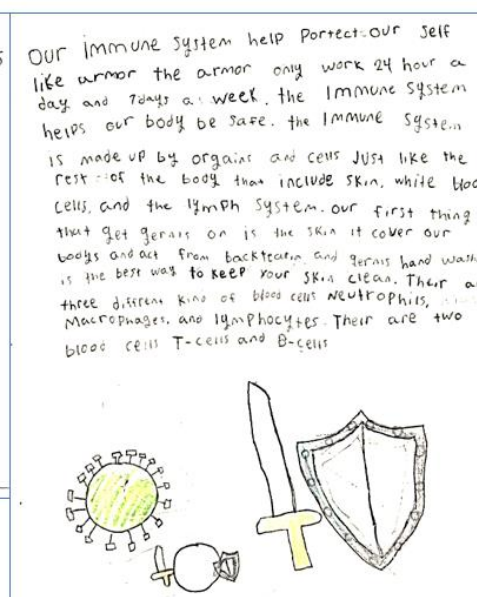
First Place



Second Place



Third Place



By: Linda Osborn

Thanks to our volunteers at the ACS booth: Belgin Canturk (Morning Leader), Ipsita Mishra, Christine Skaggs, Ken Racke, Denise Durham, Ann Kimble-Hill (Afternoon Leader), Alex Tamerius, Abdallah Diagne, and John Rohanna. Thanks to ACS members Julie Holland Austin, Larry Sernyk, Alyssa Heffren, and Ayanna Shoulds, who served on the organizing committee, and to many other ACS members who volunteer/ host other booths at the festival. For a taste of the festival, if you missed it, please enjoy the video created by Steven Chase: https://youtu.be/qxx2Q9_H3XE. Please mark your calendars for October 12, 2024, for the 14th annual Celebrate Science Indiana!





ACS USNCO

U.S. National Chemistry Olympiad

IMPORTANT INFORMATION ABOUT CHANGES IN THE 2024 USNCO EXAM

Dear Chemistry Colleagues,

American Chemical Society Indiana Section will offer the 2024 USNCO local section exam on Saturday, March 23, 2024, at Carmel High School. If an exam venue can be located, a second exam date of Sunday, March 24, 2024, may be made available in Columbus, Indiana. Exam rules and a copy of this memo are attached.

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 › highschool › olympiad › pastexams](https://www.acs.org/highschool/olympiad/pastexams)

Local section awards are based only on Part I of the exam. Students who wish to compete to be one of the 9 Indiana Section Students who will take the National USNCO Exam at Butler University in April 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 9 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 23, 2024, in Carmel, Indiana (and possibly on Sunday, March 24, 2024, in Columbus, Indiana).

New! Registration for students to participate in the 2024 USNCO

In this and subsequent years students will register themselves directly with the national ACS USNCO office using the link below.

Exams https://fs10.formsite.com/ACS_Outreach/USNCO2024/index

Deadline: December 15, 2023

Deadline for student self-registration: December 15, 2023.

New! Part I of the 2024 USNCO Exam will be sent to ACS National Headquarters for grading.

Indiana Section award winners and national exam nominees will be determined based on the local section exam scores. As soon as student scores are reported to us by ACS National Headquarters, student scores, the list of award winners, and the students chosen to take the 2024 National USNCO exam will be sent to teachers on this email list.

Robert A. Pribush

rpribush@butler.edu

Heriberto Acevedo

Acevedo_heriberto@lilly.com

Jennifer Drudge

jdrudge@ccs.k12.in.us

Proposed ACS Indiana LS Events for 2024

We have a full line up of proposed events for 2024. Please consider getting involved as an event sponsor, organizer, volunteer, or attendee! If you see something you like, contact Christine Skaggs @ clskaggs1994@yahoo.com.

New to 2024


Trust in Science
Chemistry of Bourbon
Exceptional Leaders Conference
Chemistry of Coffee
YCC Event
Juneteenth
Community Day
CMA Social
Strategic Plan Committees

Recurring Events

CMA HS Outreach Initiative
PREDICT Etiquette Dinner
Think Like a Molecule
Mentorship Program
Baseball Night @ Victory Field
Science Claus
Illustrated Poem Contest
Once Upon a Green Classroom
PREDICT Webinar

Celebrate Science Indiana
NCW @ Children's Museum
Chemistry Olympiad Exam
Kids and Chemistry
Project SEED
Hoosier Science and Engineering Fair
Awards Night
Science Day @ Ball State

Purple – Technical Programming
 Pink – Member engagement
 Blue – Professional Development
 Green – Outreach
 Gray – Community Service

 Event has DEIR Theme

Accelerator Newsletter Team:
 Andrea Moberly
 Jordan Jewett

The Indiana Section of the ACS publishes the Accelerator at least three times a year. The Section is not responsible for statements or opinions printed in this publication. The Accelerator Team is responsible for all unsigned and staff articles.

All logos for ACS and affiliates were reprinted with permission. To submit corrections, information, events, stories, or anything else, please contact The Accelerator Team at ACSaccelerator@gmail.com



ACS Local Section
 Indiana

VISION

*Inspiring a Caring Community
 through Chemistry*



MISSION

*Creating a Sustainable Legacy
 Through Professional and
 Scientific Development,
 Membership Engagement, and
 Outreach*