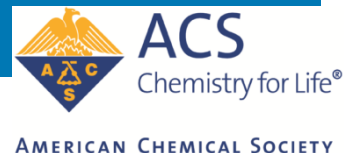
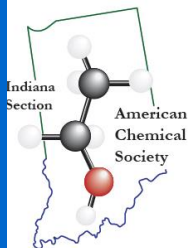


The Accelerator

INDIANA SECTION OF THE AMERICAN CHEMICAL SOCIETY



JUNE 2018

2018 Chair's Corner *by Lisa Buchholz*

It is my pleasure to announce that the Indiana Local Section has been selected as a finalist for the following ChemLuminary Awards!

The finalists are:

- Local Section Partnership Award
 - Music and Chemistry in Perfect Harmony Event
- Outstanding Performance Awards-Medium Large Size Category
- Outstanding Leadership Development Program
 - 2023 National Meeting 2nd Brainstorming Event
- Best Ongoing Senior Activity in a Local Section that Benefits the Community, Local Schools, or Legislative Government
 - Silver Circle Unites with YBTC
- Outstanding Local Section Industry Event
 - 2017 Indiana Passport to Hi-Tech

Winners will be announced and the presentation of awards will occur at the 256th ACS National Meeting in Boston, MA on Tuesday, August 21st. The section has also been invited to present a poster highlighting these events prior to the awards presentation.

Congratulations and thank you to all who volunteered their time and energy to make these and all events in 2017 a success. These nominations are recognition of those efforts. We will post the outcome on the Indiana Local Section website after the awards presentation in August.

"Volunteers do not necessarily have the time; they just have the heart." Elizabeth Andrew

The Executive Committee meets the second Tuesday of each month at 6:00 pm at The Center (6320 Intech Way, Indianapolis, IN 46278). All Local Section members are encouraged to come and join us to learn about the programs and events our section sponsors. Meetings usually last for 2 hours. Dinner is provided before the meeting. Please let us know if you plan to attend so we have a headcount. You can contact our 2018 Chair, Lisa Buchholz, at imbuchholz@dow.com.

Chair

Lisa Buchholz
Corteva AgriScience™

Past Chair

Tom Xiao
Eli Lilly & Company

Chair-Elect

Tamiko Porter
IUPUI

Treasurer

Paul Morgan
Butler University

Secretary

Cathy Peacock
Corteva AgriScience™

Councilor

Rob Sammelson
Ball State University

Councilor

Robert Pribush
Butler University

Councilor

Beth Lorschach
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Councilor

Brian Mathes
Eli Lilly & Company

Alternate Councilor

Sibel Selcuk
Heritage Research Group

Alternate Councilor

Erin Dotlich
Eli Lilly & Company

Alternate Councilor

Tony Trullinger
Corteva AgriScience™

At Large Member

Mark Pobanz
Corteva AgriScience™

At Large Member

Maria Alvim-Gaston
Eli Lilly & Company

At Large Member

Ann Wilson
Butler University

Chemistry Olympiad

Jianping Huang
Eli Lilly & Company

Education

Robert Pribush
Butler University

Awards

Katherine Stickney
University of Indianapolis

National Chemistry Week

Belgin Canturk
Corteva AgriScience™

Membership Affairs

Rebekah Dickerson
Heritage Research Group

Project SEED

Elmer Sanders
Southport High School

Social Media

Erica Posthuma-Adams
University High School

Webmaster

Abraham Hentz
AIT

Women Chemists

Carmin Burrell
Ivy Tech

Impress for Success

Linda Osborn
Heritage Research Group

Newsletter

Julie Austin – Editor & Design
Heritage Research Group

K-12 Outreach

Erica Posthuma-Adams
University High School

Alternate Councilor

Linda Osborn

Earth Day Chair

Julie Austin

Grants

Ann Cutler
University of Indianapolis

Kids & Chemistry

Brian Mathes
Eli Lilly & Company

Celebrate Science Indiana

Julie Austin
Heritage Research Group

2023 NMLT Strategic Planning

Frederique Deiss
IUPUI

Public Relations Chair

Quanbo Xiong
Corteva AgriScience™

Election Chair

Matt Gardlik
Woodard, E,M,M,H

Assistant Newsletter

Andrea Moberly
Heritage Research Group

Public Relations Assistant

Norman Sesi
Eli Lilly & Company

IUPUI Poster Session

Tamiko Porter
IUPUI

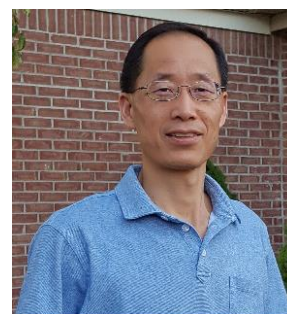
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Please Welcome Our New Public Relations: Quanbo Xiong and Norman Sesi

by Quanbo Xiong and Norman Sesi

My name is Quanbo Xiong. I graduated from Shanghai Medical University with the Bachelor degree of Pharmaceutical Sciences. I obtained my Ph. D in Natural Products Chemistry from Toyama Medical and Pharmaceutical University, and did my Postdoc in Natural Products Biosynthesis at Rice University. I'm currently working at Corteva Agriscience™, Agriculture Division of DowDuPont™.



I have been devoting an enormous amount of time to culture exchange and promotion, both in the local community and Asian Diversity Network at former Corteva. For example, in the past I was President of Indianapolis Chinese Community Center, Inc. (ICCCI) and I have recently been re-elected for this position. I am also the founder and Chair of A.D.N. Chinese Team (A.C.T.). I'm glad to have the opportunity to volunteer as the Public Relationship Chair of Indiana ACS, so as to extend my service to our community in a professional setting.

=====

Norman Sesi earned his doctorate in Analytical Chemistry from Indiana University and obtained a Bachelor of Science in Chemistry degree from the University of Michigan. He has worked for Eli Lilly and Company for over 22 years in various leadership roles. Dr. Sesi has unique and broad expertise in various areas of the pharmaceutical business that include human and animal drug acquisitions and development, medical

Call for Volunteers to Help with Celebrate Science Indiana and National Chemistry Week!!!

Our theme this year will be “Chemistry is Out of this World” focusing on the chemistry of and in *OUTERSPACE*. In case you missed it, on Thursday, June 7, NASA announced that the Curiosity rover found both methane in the atmosphere and 3-billion-year-old organic matter on Mars!



Celebrate Science Indiana will be held on Saturday, **October 6th** from 9:30 a.m. to 5 p.m. in the Elements Financial Blue Ribbon Pavilion at the Indiana State Fairgrounds. If you would like to volunteer, please contact Julie Austin at JAustin@hrglab.com.

National Chemistry Day will be held at the Children's Museum on Saturday, **November 3rd** from 10 am to 3 p.m. To volunteer, please contact Belgin Canturk at bcanturk@dow.com.

The Local Section ACS Wants to Keep You Informed

For the ACS news you need to know, before you go...

<http://www.acsindiana.org/acs/>





OCTOBER 6, 2018

CELEBRATE

SCIENCE

INDIANA

Science Festival!

Fun, free, family event for Indiana with an interactive focus on Science, Technology, Engineering and Math (STEM)

www.celebratescienceindiana.org

SCIENCE EDUCATION FOUNDATION



**Indiana State
Fairgrounds – Blue
Ribbon Pavilion**

9:30 am – 5 pm

FREE ADMISSION!

**Parking at
fairgrounds \$5**

**Over 50 booths
with hands on fun
for everyone!**

Special Sessions

**Allison Campbell,
National ACS immediate
past-President will
attend**

RAFFLE for K-12 TEACHERS

Over \$3,000 worth of prizes!

DISCOVER & EXPLORE

COOL EXPERIMENTS



CHEMISTRY DAY – for National Chemistry Week

When: Nov. 3rd, 2018 10 am until 3 pm

What: 14 hands-on interactive chemistry booths

Where: Children's Museum of Indianapolis

Theme: Chemistry is Out of This World

NCW 2018 focuses on chemistry of and in outer space.



National Chemistry Week 2018 Illustrated Poem Contest



Is your child in K-12? Can they draw and write poetry about on chemistry of and in outer space?

The NCW 2018 theme is **Chemistry is Out of This World**

Four categories: K-2, Grades 3-5, Grades 6-8, Grades 9-12

Contest Deadline: **September 20, 2018** (must be received date)

Prizes: **1st Place = \$100**, **2nd Place = \$50**, and **3rd Place = \$25** in each age group

All entries will be displayed at Celebrate Science Indiana on October 6th at the Indiana State Fairgrounds and the winners announced. The awards ceremony is November 3rd at the Children's Museum of Indianapolis during Science Day. Winners will read their poems, show their artwork and receive their prizes.

Contact: **Linda Osborn** at linda.osborn@hrglab.com 317-390-3188 with questions. Send official entries with entry form as a pdf file to linda.osborn@hrglab.com or mail to **Linda Osborn** at **6320 Intech Way Indianapolis, IN 46278**.

Winners of the **Indiana** illustrated poem contest will advance to the ACS National Illustrated Poem Contest!

For official rules and entry forms, please visit: <http://www.acsindiana.org/acs/>

Music and Chemistry in Perfect Harmony: Part 2

By Anne Wilson

The Indiana Section of the American Chemistry Society, along with the Butler University (Department of Chemistry and Biochemistry, the College of Education, the Center for High Achievement and Scholarly Engagement, and the School of Music), hosted a series of "Chemistry and Music" events April 6 – 7, 2018. These events featured Peter Banks, a chemistry educator from the United Kingdom who is also a professional musician.



The evening lecture, "Music and Chemistry in Perfect Harmony; in Tune with Chemistry" on the campus of Butler University, was attended by over 50 people. The following day, a chemistry and



music family event, featuring Mr. Banks and Rick Crosslin, was also hosted by Butler University, and over 45 people of all ages attended. Responses to these events were very positive. Some of the comments included: "I

enjoyed the event. I would love to attend others like it!"; "Thank you for sponsoring this talk! Enjoyed it very much."; "I loved this event. I really loved hearing how two different worlds could come together."; "Fantastic – wonderful job connecting with the kids especially."; "Great for kids and adults!"

While in Indianapolis, arrangements were made for Mr. Banks to visit with local educators and chemical industries, get a flavor for science and culture in Indianapolis, as well as visit with faculty at Butler University. He appreciated this diversity of experiences and left with a new appreciation of Indiana and the US.

Ball State Science Day!

by Ryan Jeske

Science Day at Ball State University was held on April 7th. It was held in the Ball Gym, just steps from the chemistry building. About 140 members of the community attended and had great fun with more than 35 activities, including super-absorbent polymers, elephant's toothpaste, momentum and inertia, wildlife ecology and states of matter.



One of the goals for next year is to better advertise to local schools and community center to increase attendance.

For a video about the event, please go to:

<https://ballstate.app.box.com/s/qz8cisfp9ep9f221r5zb8kx87gz5lugl/file/287855332766>



Kids and Chemistry: Local Section ACS in Conjunction with the Children's Museum

by Brian Mathes

The Indiana Local Section ACS and the Children's Museum of Indianapolis have made some changes to our Kids and Chemistry Program at the Museum for the 2018-19 school year. Starting this summer, the Museum has asked us to focus on doing our programs during school breaks instead of fixed field trip programs as we have been doing in the past. This is in response to the general decrease in field trips that schools are making. The Museum staff feels like we would get more folks and outreach if we concentrated on running programs during the busy seasons of Spring Break, Fall Break and the early summer break.



Kids and Chemistry is looking for more **volunteers** to help us in this endeavor. Please contact Brian Mathes at mathes@lily.com to help. The more volunteers we have the more events we can do. The time blocks are for 2 hours during the week at the Museum and the 2 experiments that we run, Jiggle Jelly and Reaction in a Bag are fun and easy to moderate. Thanks for your support!

An Eye Opening Experience at the Earth Day Celebration

Last year (2017) was the first time the ACS hosted a booth at the Indiana Earth Day Festival in Military Park. We didn't know what to expect and came rather ill prepared. We had a few simple giveaways, some literature on the ACS National theme of "Pollinators," and had a demo of turning white carnations purple and back again with phenolphthalein. We didn't have any information regarding what and who the ACS is.

Having co-hosted last year, I took on the duty to chair the event this year with an idea of what attendees were interested in regarding the booths. This year we came equipped with several ACS activity booklets with environmental themes for kids, color changing pencils, drink coasters, Frisbees and stickers. Our only demo consisted of an experiment with a Tornado Tube (two 1L bottles...1 filled, 1 empty...connected with a piece of plastic). And we made a poster board telling what the ACS is, who is in it, what activities we do in the area (science fairs, science festivals, poster sessions, member events), who we partner with (AACT, USNCO, Project



SEED, Children's Museum, NOBESCHE, SEFI) and who sponsors us (Eli Lilly, Monument Chemical, Corteva, ACS National).

I'd like to say it was a great and fun filled day. There were a lot of really great exhibits that I was able to explore. I did have the pleasure of spending a few hours with two budding chemists from IUPUI who volunteered to help man the booth. Thank you Shivansh Mahajan and James Bolen for stepping up, helping me and for lovely conversation...it is young men like you that give me a hopeful outlook for the future generations!

Most people stopped by the booth looking for the giveaways; the majority of them didn't care who or what the ACS is. We a handful of people who were interested in the ACS or chemistry and viewed chemistry in a positive light. And, unfortunately, we had quite a bit of negative comments directed at both the ACS and the chemical industry in general. The organic farmers who were located in the next booth were less than thrilled to be housed right next to a Chemical Society. Several environmental organizations stopped by to suggest that the ACS become more involved in advocacy for responsible chemical practices and environmental clean ups.



Shivansh working the Earth Day booth

And then there was the general population who have heard the often misreported negative press on chemicals, plastics, agro-products, and pharmaceuticals. It was a very eye opening experience to listen to the perception of chemistry from the non-scientific community. I could tell that they had a passion for the environment, for cutting down on waste, for cleaning the waterways, and so on. But I could also tell that they had a lot of distrust and disdain for the chemical industry as a whole. They feel like they have been manipulated and lied to by the EPA, corporations, universities and the media and they don't where to get real information or whom to trust. It was disheartening, and I was at a loss for what to say to them.

The ACS is a non-partisan association mainly consisting of chemists and chemical engineers. Although our Local Section hasn't traditionally been involved in the politics of science, we do have a lot of programs that strive to help educate the next generation of young people about the positive impact of chemistry and the various fields of STEM. Celebrate Science, National Chemistry Week, You Be the Chemist, Passport to Hi-Tech, and Ignite Your Superpower are several of the science festivals that we participate in yearly. We support Project SEED and partner with the Children's Museum. And many of us are tutors, mentors and science coaches.

Thank you to all of you who volunteer with the Local Section ACS. We have a long way to go to rebuild the trust between science and the general population. Educating our youth is the first step in a very long journey.

Please continue reading the next article for more information on the ACS stance for advocacy.

ACS President Allison Campbell at Celebrate Science Indiana 2018!

By Linda Osborn

Dr. Allison Campbell, 2017 president of the American Chemical Society (ACS), has agreed to attend Celebrate Science Indiana on October 6th. As the 2017 president of the American Chemical Society (ACS) she has been passionate about educating both politicians and the public on the importance of the sciences as "*potent forces for good in our world.*" She is a strong advocate for federal support of science and chemistry research and education.



This opportunity was arranged by Dr. Christina Bodurow, ACS Director of District II, and strong supporter of Celebrate Science Indiana. Dr. Campbell is visiting Indianapolis to meet with the Indiana Section of the ACS executive committee to demonstrate how her "Advocacy in a Box" program works. They, in turn, will provide feedback on how effective this appears to be at the Local Section level. She will be rolling out this program at the 73rd Northwest Regional Meeting from June 24 – June 27, 2018 in Richland, Washington. Building skill sets to build relationships with public officials to advocate for chemistry and STEM policies is a neglected part of historical STEM education. The tide is turning thanks to efforts from Dr. Campbell and others.

Dr. Campbell is acting associate laboratory director for the Earth and Biological Sciences Directorate at the Pacific Northwest National Laboratory (PNNL) of the Department of Energy in Washington State. She leads over 500 researchers and staff, and oversees the Atmospheric Radiation Measurement (ARM) and Environmental Molecular Sciences Laboratory (EMSL) facilities of the Department of Energy. They focus on initiatives in bioenergy, microbiology, biomedical science, environmental recovery, and climate science.

Born in Portland, Oregon, she obtained her BS from Gettysburg College, Pennsylvania, then received her Ph.D. in Chemistry from the State University of New York, Buffalo. Allison is renowned in the areas of biomineralization, biomimetics and biomaterials. She holds several patents for her innovative work on bioactive coatings for medical implants. She previously served as director of the Environmental Molecular Sciences Laboratory (EMSL) at PNNL.

In 2015, Dr. Campbell said, "*Science has become politicized to an unprecedented degree in the U.S. ACS has a central role to play in educating policy-makers and the public on the real contributions that chemistry makes every moment of every day to our high quality of life.*"

The Indiana Section Executive Committee will be the VERY FIRST ACS Local Section to experience Dr. Campbell's Advocacy Workshop. She has a very heavy Presidential travel schedule, so we are very fortunate to have her for this weekend and to have her agree to participate in Celebrate Science Indiana 2018.

Volunteer with a K-12 STEM Teacher as a Science Coach

Copied from the ACS publication: ACS Matters

You can [volunteer in a K-12 science classroom](#) near you during the 2018-2019 school year with AACT/ACS Science Coaches! By working with a teacher, you can help enhance the science skills of students across the United States. [Coaches](#) present demos and experiments, plan and write lesson plans with their teachers, organize stockrooms, and much more! [Teachers](#) who participate receive either a \$500 donation from ACS or a \$550 gift certificate from [Flinn Scientific](#).

Chemistry professionals at all stages in their careers (graduate students, retirees, current professionals, former teachers, etc.) or in any chemistry-related field are encouraged to apply! [Applications](#) will close September 1. Participants must live and work in the United States. Current K-12 teachers cannot be a coach. Teacher-coach pairs may not share finances. You can apply with a teacher you already have in mind, or we will try to match you with a teacher in your area. Teachers must be K-5 teachers of science, 6-8 teachers of physical science, or 9-12 teachers of chemistry. Please feel free to contact us with any questions: sciencecoaches@acs.org



October 27, 2018
10 am – 3 pm
The Center 6320 Intech Way
Indianapolis, IN 46278

**Impress for Success Talent Search for
Minority STEM College Students**
By Invitation Only

For this event, we will need dynamic speakers, STEM professionals for the networking event and other volunteers. If you would like to recommend any college students, or volunteer, please e-mail...

E-mail: linda.osborn@hrglab.com

Passport to High Tech: A Learning Opportunity for Girls Interested in STEM

by Maria Alvim Gaston



Passport to Hi-Tech is a joint effort between Conner Prairie and Women & Hi Tech sponsored by Roche. The event took place at Conner Prairie's Welcome Center in Indianapolis, IN, on April 14th. The day-long event is the place for girls and boys to learn about careers in engineering, biology, chemistry, computer science, robots, space and other STEM disciplines. It is a great opportunity for kids age 7 -12 to journey around our increasingly technological world. In addition, the booths were operated mostly by expert women in STEM ready to answer our curious-minded kids' questions.

The event offered the opportunity for kids to meet professionals working in hi-tech fields. Local companies such as Eli Lilly & Company, Roche Diagnostics, Rolls-Royce, Corteva (Dow AgriSciences™), Cummins and others provided experiences to inspire kids to explore the hi-tech world. At each booth, participants could ask questions, assist with hands-on experiments, and learn about what it takes to work in these fields. They received a stamp or a sticker in a passport booklet for each booth they visited. After the passport was filled, they received a treat bag and entered for a chance to win a raffle.



The number of guests for the day was 837 and there were more than 231 volunteers and staff from various groups representing 41 exhibitions.

One of the many fun moments at Saturday's event was Eli Lilly's show, "Chemistry is a Blast!" This presentation, started by Lilly scientists, has been educating and inspiring kids for more than 20 years. Guy Hansen put on a show that is 50% science class and 50% "WOW!" He always finishes by asking the audience, "Who wants to be a scientist?", and many hands were raised!

Conservation Advocacy Award, given May 31, 2018, in Houston, Texas, at AIC's 46th Annual Meeting to Gregory Dale Smith

Margaret Holben Ellis' remarks:

This award recognizes the accomplishments and contributions of conservation professionals who, through substantial efforts in public outreach and advocacy, have advanced the field of conservation and furthered the cause of conservation.

Gregory Dale Smith

Gregory Dale Smith, The Otto N. Frenzel III Senior Conservation Scientist in the Conservation Science Department, Indianapolis Museum of Art at Newfields, has made the advocacy of conservation part of his everyday life. Due to his ease with people and his uncanny ability to explain complex concepts so that not only conservation science colleagues, conservators, curators, and museum staff, but also the general public can understand, he regularly appears on local newscasts, magazines, and newspapers in Indianapolis and on national programming on PBS and NPR. He conducts numerous tours of the museum's conservation labs, engaging people of all ages, from primary school through to retirees, tailoring his tour accordingly. Moreover, on weekends he has participated in events such as the Celebrate Science Indiana fair organizing and running a booth that highlights conservation, forensics, and most importantly, conservation science.

AIC AMERICAN
INSTITUTE FOR
CONSERVATION
OF HISTORIC AND
ARTISTIC WORKS



30th Annual Hoosier Science and Engineering Fair

by Julie Austin

On the snowiest day of 2018, Saturday, March 24th, over 185 students from across the state of Indiana gathered at The Center to showcase their science fair poster presentations. Ranging from 4th to 12th grade, students spoke one on one with multiple judges throughout the day answering questions about their hypothesis and the scientific methods they used to arrive at their conclusions. Each grade was assigned between 10-15 judges.

At 4 p.m., the students and their families gathered in The Center's auditorium for the awards ceremony. A total of 158 awards were presented to the students. For a complete list of awards, please go to:

<http://www.sefi.org/hsef/2018Awards.pdf>

Thank you to all of the volunteers at SEFI, The Center, the judges who took time to come out on a very snowy afternoon and the students and parents who drove from all across the state to be there.

My car under 8" of snow!





The 2018 Awards Banquet Ceremony

The 2018 Local Section ACS Awards Banquet was held on Tuesday, May 15th at UIndy. Along with a fine dinner, the 2018 executive committee was introduced and our past chair Tom Xaio was recognized. The Keynote speaker this year was Karla Bravo Altamirano, Associate Scientist at Corteva Agriscience™ (right).



The 2017 best Local Section activity was announced, and the 50+ year members were acknowledged. Also recognized were the winners of the Youth Service Award 2018, Gladysmae Good Teacher of the Year in Chemistry, SEFI Science Fair, IUPUI poster session, and both the students and schools from the USNCO Exam.

Thank you to Dr. Kathy Stickney and Dr. Robert Pribush for organizing and hosting the event and to Abraham Hentz for photography. Read on for all the winner and recognitions from this year's awards!

For photos from this years awards banquet, please go to:

<http://www.acsindiana.org/acs/2018/05/30/2018-awards-night/>

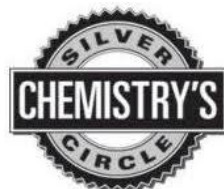
Best Local Section Activity

Dr. Gregory Dale Smith and Dr. Kathy Stickney were recognized for their hard work putting on “**Music and Chemistry in Perfect Harmony**” this past December. With over 135 people in attendance and 2 keynote speakers, the event was a definite success!

Congratulations to our 50, 60, and 70 Year Award Members

Dr. Robert A. Pribush – 50
Dr. Roger Lewis Robey – 50
Dr. William Leonard Scott – 50
Dr. Dan L. Shaw – 50
Mr. Lloyd Jay Stoel – 50
Mr. Richard Lee Stover – 50
Mr. William W. Thompson – 50

Dr. Sarah E. Zimmerman – 60
Dr. Charles R. Koller – 70
In Memorial: Dr. Robert T. Struck - 78



ACS K-12 2018 Student Volunteer of the Year: Ben Harris, School in –Grace, Age 13!

Ben has volunteered at both the SEFI Hoosier Science & Engineering Fair and Celebrate Science Indiana, In addition, he is a weekly volunteer in church children's ministry Mission Trip to Florida. For fun, Ben enjoys playing the clarinet, skateboarding, and trail life with the Scouts.

“Ben is the kind of guy who is always looking for a way to help. He loves people, and he loves exploring and building things.” Andy Harris

We look forward to seeing more from this outstanding young man in the future!

Ann Papachronis Wins Teacher of Chemistry Award for 2018!

By Linda Osborn



Ann Papachronis won the 2018 Gladysmae Good -Teacher of Chemistry Award which was presented by Erica Posthuma Adams at the ACS Awards Program held on May 15 at the University of Indianapolis. She has taught chemistry at St. Richard's School for seventeen years. I had met Ann only through the illustrated poems of sixty of her 7th and 8th grade students. It was crystal clear through reading the poems that she enthusiastically instills the value of chemistry.

At St. Richards, Ann has developed curricula and written scope and sequence for Science courses, designed a variety of interactive science education activities and materials, maintained

the Middle Division's budget for the academic year (2002 & 2004), organized and implemented staff development programs fostering team-building strategies, and organized, planned and budgeted the Middle School Science Fair. She actively tutors all age students in areas of study skills, time management and life sciences and chemistry, she created and designed activities for a new integrated Science Program. Ann also worked with course science team of teachers to research and design their own lesson plans and shared them with schools around the country.

A recent member of AACT, Ann is a School Representative to the Indiana Association of Independent Schools (IAIS) since 2015. She represented St. Richard's Episcopal School at annual Independent Schools Association of Central States (ISACS) conference 2015- 2017 and attended IDEA Lab conference at Catherine Cook School in 2016. Ann is also a vital member of the Science Innovation team at St. Richard's Episcopal School working to develop second floor wing of new building to be opened in fall 2019.

Ann said in her e-mail: *"My mission is to encourage my family, friends, and students to reach their full potential and develop essential life skills while enjoying our education journey together."*

John Brady, the Middle Division Head at St. Richard's reached out to thank me for taking the time to nominate their outstanding teacher. *"Ann is a valuable member of our teaching faculty and is passionate about chemistry education."*

Thank you, Ann, for all that you do to create future chemists in Indiana and beyond!



SEFI Hoosier Science Fair Winners 2018 (ACS Award Winners)

There were three ACS award recipients at this year's Hoosier Science Fair:

1st-**Akshaj Mishra** from Evansville, IN- Signature School Inc. with the poster titled: *Bio-based Synthesis of Acetylsalicylic Acid using Green Chemistry: Benefits Beyond Expected*

2nd-**Andy Lipton** from Lafayette, IN- Lafayette Tecumseh Jr High School with the poster titled: *Spicy Antibiotics: The Effect of Capsaicin on Bacterial Growth*

3rd-**Rowan Thinker** from Butler, IN- Eastside Junior-Senior High School with the poster titled: *Zea Mays Fuel Crazy*



Pictured (L-R): Kerrm Yau, ACS judge, Rowan Thinker, Andy Lipton, Akshaj Mishra

2018 Think Like a Molecule Poster Session

The Grand Prize winner was **Ritu Chaturvedi** (IUPUI) for the poster ***Understanding the Electron Transfer Potential of the Ketone Groups in Cyclobutane Pyrimidine Dimers***

Project Seed Award

First Place: Sherlyn Contreras Project SEED HS Student

ACS Chair Award

First Place: Mark Woollam - IUPUI

Second Place: Clayton Westerman - Ball State

Third Place: Alexander Latta - IUPUI

Honorable Mention: Armelle Metangmo - IUPUI

Honorable Mention: Ashur Rael - IUPUI

Dean's Award

First Place: Bryant Kim - IUPUI

Second Place: Charles Irving - IUPUI

Third Place: Slade Kepler - Ball State

Honorable Mention: Tori Goldsworthy - Ball State

Honorable Mention: Tyler Williams - Ball State

Kurek Award

First Place: Zachary Thom - IUPUI

Second Place: Alexandra Kelley - IUPUI

Third Place: Magdelana Stinnett - IUPUI

Honorable Mention: Macon Shroyer - Ball State

For more information on the posters that were presented, please go to our Local Section ACS website:

<http://www.acsindiana.org/acs/2018/04/19/think-like-a-molecule-poster-session-awardees/>



2018 USNCO Part 2 Test Results: Nationals

In addition to honoring all of the USNCO Part 1 exam participants in the last Accelerator edition, the Part 2 Exam winners were further honored at the Awards Banquet.

Very special congratulations to Jenny Cai (Park Tudor), Andrew Wu (Park Tudor) and Iris Yan (Carmel) for placing in the National Top 20 for the 2018 exam. They will be attending the US Air Force Academy to compete for one of the four spots on the US team.

Three additional students, Kevin Liu (Carmel), Allen Zhao (Park Tudor) and Jenny Zhao (Park Tudor) all finished in the top 50 at Nationals.

Schools that won an AACT membership and perpetual award plaque include Carmel, Park Tudor, Hamilton Southeastern, Westfield, Zionsville, Creekside, and Plainfield.

Congratulations and Good Luck from the Local Section ACS!



ACS Local Section
Indiana

The Indiana Section of the ACS presents...

Indians Baseball Night Part XVII



Indians play Rochester Red Wings

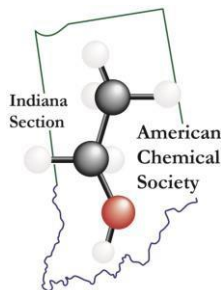
July 24th 7 PM Game Time!!!! Victory Field \$10

Chemistry/Baseball Trivia Giveaways!!!

Please RSVP to Brian Mathes at mathes@lilly.com

or 317-277-7720 by July 20th

**SPECIAL PRICING FOR YCC and STUDENT
MEMBERS \$5 per ticket.**



2018 Indianapolis Project SEED Poster Session



Thursday the 19th of July 4:00-8:00 PM

**4:00 Poster Session, Medical Sciences
Atrium¹ 6:00pm Awards Ceremony,
Emerson Hall Auditorium²**

Indiana University School of Medicine

¹The Van Nuys Medical Sciences Building is at 635 Barnhill Drive. Guest parking is available at Vermont Street garage, on Vermont between Barnhill Drive and University Boulevard

²Emerson Hall is next to the MS building, same cul-de-sac, 545 Barnhill Drive
www.iupui.edu/map. Additional Program Information at www.indyprojectseed.org

The Indianapolis Project SEED Interns the request the pleasure of your company as they present their research findings at the 2018 Indiana High School Scientific Research Symposium together with over 100 high school students from multiple programs across Indiana, at the IU School of Medicine Atrium.

Project SEED was established by the American Chemical Society in 1968 for economically disadvantaged high school students. High School juniors or seniors that meet the qualifications are given a rare opportunity to work alongside scientist-mentors on research projects in industrial, academic, and government laboratories. The Indianapolis Program was established at the Indiana University School of Medicine in 1973 and continues this day as one of the largest and longest running programs in the nation.

Student stipends are provided by the ACS national endowment for Project SEED with local matching funds provided by the ACS Indiana Section membership, the IUPUI School of Science, the Indiana University School of Dentistry and private donors. Programming support for the students is provided by the Indiana CTSI though the Indiana CTSI Project STEM program and the IUPUI School of Education.

Please join us in celebrating the interns' accomplishments with their families, mentors, school teachers and supporters from our local scientific community.

Your ACS local section is getting ready for:

265th ACS
National Meeting & Exposition
March 26-30, 2023 – Indianapolis, IN



INDIANAPOLIS 2023

Participate into the brainstorming and preparation to welcome on our grounds this important event in 5 years!

If you are interested, please contact Frederique Deiss: fdeiss@iupui.edu

256th National Meeting and Exposition
Nanoscience, Nanotechnology & Beyond
Boston, MA August 19-23, 2018



Now You Can Contribute Your Expertise to Wikipedia!!!

Have you ever dreamed of contributing to Wikipedia? Now is your chance!

From ACS and C&EN News (June 19, 2018) by Linda Wang:

Through a partnership with Wiki Education, ACS is seeking applicants for the Wikipedia Fellows Program, which trains academic scholars to contribute content expertise to Wikipedia.

Over the summer, ACS Wikipedia Fellows will join members from other academic associations for virtual training on how to contribute to Wikipedia. By the end of the program, fellow will make significant contributions to at least two Wikipedia articles.



- No experience with Wikipedia is required.
- Participants are asked to commit 3 hours/week, including training and group meetings.
- Wiki Education will provide training, guidance, and support throughout the process, using video conferences and instant messaging software - both free.
- Participants will make significant contributions to at least two Wikipedia articles by the end of the program.
- Fellows will fill out short surveys in the beginning and end of the program, and Wiki Education may ask Fellows to write one reflective blog post (on wikiedu.org) about their experience.
- For more information, visit <http://wikiedu.org/wikipedia-fellows/> or email wikipediafellows@wikiedu.org.

This application should take about 15 minutes to complete. Responses will be visible only to members of Wiki Education staff and representatives from your association. If you are selected, we may use quotes from your responses in a blog post, announcing your participation.

For July cohorts: please complete this application by Tuesday, June 26th. If selected, you will hear back from us by June 29th.

For August cohorts: please complete this application by July, 20th. If selected, you will hear back from us by July 27th.

For the September cohort: please complete this application by August 24th. If selected, you will hear back from us by August 31st."

For the application, please go to:

<https://docs.google.com/forms/d/e/1FAIpQLScGNmUI4VdQ89e7802fhBYoi6tPaRROuZAIKy7Z0SbRC3Eszw/viewform>

Additional ACS Sponsored Events

In addition to the Project Seed poster session, Celebrate Science, National Chemistry Week and our annual Baseball night, there are several other ACS sponsored events coming up later this year:

On Monday, September 10th, we will partner with Indy Women in Tech, Women in Hi Tech, and Conner Prairie with the program [Ignite Your Superpower](https://www.indywit.com/ignite-your-super-power/) for middle school girls interested in STEM. There will be hands on learning in the STEM fields of chemistry, engineering, biology, computers and other. For more information, go to <https://www.indywit.com/ignite-your-super-power/>

On September 21st, we will host a [CHEMISTRY of CHEESE](#) event for our members that are 21 and over. This will be hosted at a TBD local brewery, distillery or winery. Stay tuned for more on this event!

The ACS will be participating in the [Annual Biomedical Research Conference for Minority Students \(ABRCMS\)](#) late fall 2018 with an ACS Poster Awards Scholarship and possibly a reception. For more information on this meeting, please go to: <http://www.abrcms.org/>

And we will be hosting a year end [Volunteer Appreciation](#) on Tuesday, December 11th, with location TBD.

2018 Calendar of Events

| | | |
|--|-------------------------------|--|
| Project Seed Poster Session Elmer.sands@yahoo.com | Thursday, July 19 4-8 p.m. | 545 Barnhill Drive: Emerson Hall at IUPUI |
| Annual ACS Baseball Night: mathes_brian_m@lilly.com | July – TBD | Victory Field |
| International Chemistry Olympiad | July 19-29 | Bratislava, Slovakia Prague, Czech Republic |
| Ignite Your Superpower https://www.indywit.com/ignite-your-super-power/ | Monday, September 10 | IUPUI |
| Chemistry of Cheese – 21+ event | September 21 st | TBD |
| Celebrate Science Indiana: jaustin@hrglab.com | Saturday, October 6 | Indiana State Fairgrounds |
| Impress for Success Talent Search for College Minorities: Linda.Osborn@hrglab.com | Saturday, October 27 | The Center: 6320 Intech Way |
| National Chemistry Week: bcanturk@dow.com | Saturday, November 3 | Indiana Children's Museum |
| Annual Biomedical Research Conference for Minority Students (ABRCMS) Reception: http://www.abrcms.org/ | November 14-17 | Convention Center |
| End of Year Celebration | Tuesday, December 11 | TBD |

Newsletter Editor and Design

Julie Holland Austin
ACSaccelerator@gmail.com


Assistant Editor

Andrea Moberly
andrea.moberly@hrqlab.com

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 Editor is responsible for all unsigned and staff articles.

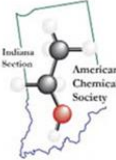
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ACSaccelerator@gmail.com



VISION

Our vision is to engage our members and community to advance the broader chemistry enterprise for the benefit of Indiana and beyond.



MISSION

It is the Mission of the Indiana Local Section of the American Chemical Society to improve people's lives through the transforming power of chemistry.

Happy 4th of July!



4th of JULY SAFETY

HEAT-RELATED ILLNESS

STAY HYDRATED

- Drink more than 8 ounces a day
- Drink even when you're not thirsty
- Avoid alcohol, coffee & soft drinks

APPLY SUNSCREEN

The sun is the strongest between 10 a.m. and 4 p.m. Reapply sunscreen often. Stick to SPFs between 15 and 50+.

WEAR YOUR SHADES

Sunglasses must block 99 to 100% of UVA/UVB rays

MOST AT RISK

Adults over 65 and children under 4
Those with existing medical conditions

GRILL SAFETY

in a 5-year period



8,900 house fires

160 injuries

118 mil. in damages

10 deaths

KEEP GRILL:

- ★ AWAY FROM STRUCTURES
- ★ IN WELL-VENTILATED AREA
- ★ AWAY FROM CHILDREN & PETS

Fireworks Safety

NEVER allow children to play with or ignite fireworks

KEEP a bucket of water or hose nearby

MAKE sure fireworks are legal in your area

MORE THAN 14,000 4TH OF JULY FIREWORKS EXPLODE ACROSS THE NATION EACH YEAR