

CINTACS



Newsletter of the Cincinnati Section of the American Chemical Society

May, 2017
Vol. 54 No. 8

Section Calendar

2017 Meeting Schedule

May 18	Party Night, MadTree Brewing
Jun 7 - Jun 9	CERMACS, Detroit, Mi
Aug 20-24	Fall National ACS Meeting
September 17	Friends and Family Picnic, Germania Park
October 22-28	National Chemistry Week
November 17	Oesper Symposium, UC
December	Joint NOBCChE Meeting, Xavier

May Meeting Announcement: Party Night!



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The annual Section Party Night will be held Thursday, May 18, at Madtree Brewery 2.0. Join us for an evening of tasty food and beverage selections, as we gather one last time before summer arrives.

Register at <http://www.acscincinnati.org/meetings/>

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THE CINTACS NEWSLETTER**Vol. 54, No. 8 May 2017**

Editor.....Adam Bange

CINTACS is published eight times a year (September through May) by the Cincinnati Section of the American Chemical Society. The submission deadline will be approximately April 25 for the March 2017 issue. Electronic submission is strongly preferred. All materials should be sent to:

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2nd Vice Chair:

Donna Wiedemann

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Mike Annis

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Trustees

Jackie Thomas
Kevin Ashley
Diana McGill

From the Chair:

Section Members,

Our next Section Meeting will be **Party Night** at MadTree Brewing on Thursday, 18 May. Please note that we need to have a headcount to them 2 weeks in advance, on Thursday, 4 May.

We are also continuing with the publication of historical articles about local Chemists important to the development of Chemistry in our region. This month's article is on Thomas Duché Mitchell, MD (1791-1865), the Chair of Chemistry and Pharmacy at Cincinnati's Medical College of Ohio Mitchell. Dr. Mitchell authored the first full-length text of chemistry published in Cincinnati and was instrumental in training chemists in our area. For clarity and crispness, the articles are now being linked to the Section Webpage. I hope you enjoy this contribution provided by Bill Jensen.

The Section had a very busy April with **The March for Science, Earth Day and Student and Teacher Awards Night**. I want to thank Donna Wiedemann for arranging the Earth Day events, Richard Bretz for leading this year's USNCO/Oesper Testing Program, Jamie Heimkreiter for leading the Elementary School Poetry contest, Gloria Story for arranging the Award's Night chemistry demonstrations, and Lynn Hogue and Mike Weaver for leading the vetting and selection of this year's Elementary and High School Science Teacher of the Year.

Awards Night is a wonderful way for the community to interface with ACS in an attractive venue. While it was rewarding to see the excitement on the Student's faces as they enjoyed the chemistry demonstrations and received their awards; I equally enjoyed the looks of pride and satisfaction from the parents. The parents were every bit as excited as the students. It was also gratifying to recognize Ms. Sarah Roche from Talawanda School District and Ms. Diane Goldcamp from Notre Dame Academy as our 2017 Teachers of the Year. The Section's recognition of the dedication and focus of these local teaches is well deserved.

It was also enjoyable to personally recognizing Ed Hunter and John Shepherd with their 50-year service awards. We wish them our best going forward.

Finally, as we have a continued need for **Local Section Financial Support**, we are continuing with our "sponsor a student" option during meeting registration. Please consider this opportunity registering for one of our events.

Looking forward to seeing you at MadTree on the 18th!

F. Mark

Chair, ACS Cincinnati Local Section / Chartered 22 March 1892
Mark.laskovics@gmail.com



Diane Goldcamp is an energetic teacher who lets her passion for chemistry show and her students respond enthusiastically. Diane plans her lessons and labs to include technology and relates chemical concepts to students' lives by developing concepts around everyday items. Jack VonHandorf, principal of Notre Dame Academy, says this about Diane: *She empowers our students and sets up her lesson plans and labs to allow the students to explore and experience chemistry for themselves.*

Diane is focused on student learning and is always looking for new ways to enhance the chemistry curriculum and develop new experiences and labs for her students. To help all types of learners, she includes many techniques including POGIL, flipping the classroom, and scores of technologies such as learning management systems, Vernier data collecting probes, and graphical analysis apps. In Diane's own words, "My goals are to create science literate citizens who may develop an ongoing interest in chemistry by sharing experiences in my classroom."



Sarah Roche visits elementary classrooms in the district and collaborates with the classroom teachers. Together they will customize a lesson around a story that has been read, or a science activity. Sarah is incredibly collaborative with the classroom teachers she works with. She is always willing to engage others in professional discussions about the content and the process. The teachers she works with also come to her for advice on how to incorporate her methods in their classrooms. This collaborative spirit and desire to improve the program has driven Sarah to attend many professional development workshops, network with other STEM teachers, and invite visitors as well as arranged visits to other districts for Talawanda staff. Sarah has co-presented at a regional and national conference this year to share what she has learned. She also wrote and was awarded a grant of \$5000 for the Talawanda STEM program.

In their nominating letter on Sarah's behalf, Joan Stidham, Director of Teaching and Learning, and Jeff Winslow, Principal of Bogan Elementary, said: *The whole STEM experience as led by Sarah has been engaging for students and teachers alike. Sarah Roche is passionate about the students. She will go way above and beyond to see a student succeed. Her humble ways make her approachable and sought out by her peers. She cares deeply and works hard. She is inspiring students to do the same.*

The American Chemical Society and its local sections are honoring those who have reached 50 years of membership with the organization. Congratulations to the following members:

50 Year Members

Dr. Ekkehard Hermann W. Bohme
Mr. Robert O. Carothers
Mr. James Carlus Emerson
Mr. David Edward Gross
Dr. J. Edward Hunter
Mr. Vernon H. Kallenborn
Dr. Robert J. Kempton
Dr. Vinay Kumar
Dr. Jay Gilbert Lehman
Mr. Joseph McGrady
Mr. Edward Menden
Dr. Richard George Schack
Dr. Diane Grob Schmidt
Dr. Roy Joseph Schumacher
Mr. John McBride Shepherd
Mrs. Evelyn Reinheimer Stimson
Mr. Miguel Otto Villarejos
Dr. Anthony Zembrodt

60 Year Members

Dr. Ralph A. Damico
Mr. Verlin W. Foltz
Mr. Jerome A. Freitag
Mr. William Donald Kelley
Dr. Donald Eugene Richards
Dr. Sally A. Vondebrink
Dr. Mary Ann Williams
Dr. R William Youngquist
Mr. Sidney A. Hannah

70 Year Members

Dr. Robert Walter Broge
Mr. John Henry Kahn



2016 NATIONAL CHEMISTRY WEEK

Illustrated Poem Contest Winners

As a part of National Chemistry Week that was held in October 2016, the local Cincinnati Section of the American Chemical Society sponsors an illustrated poem contest for local students to express their creativity and artistic ability while focusing on a chemistry theme. This year's theme was "Solving Mysteries Through Chemistry." The poem is judged based upon relevance to and incorporation of the theme, word choice, and imagery, colorful artwork, adherence to poem style, originality and overall presentation.

One winner was selected for each grade category (K-2nd grade, 3rd-5th grade, 6th-8th grade, and 9th-12th grade) for the Cincinnati section. The winners are as follows:

Category	K - 2nd Grade	3 rd - 5 th Grade	6 th - 8 th Grade	9 th - 12 th Grade
1st Place Winners	Alberto Garcia	Lucy Hayes	Jada Kirk	Luke Guessford
Grade	2 nd	3 rd	8 th	11 th
Represented School	M2SE / Rothenberg Preparatory Academy	Summit Country Day School	Minorities in Math, Science & Engineering	Archbishop McNicholas High School
Teacher	Tonya Howard	Stacy Remke	Veronica Dean	Mary Dennemann
Location	Cincinnati, OH	Cincinnati, OH	Cincinnati, OH	Cincinnati, OH

The first place winners along with their teachers and parents will be honored as guests of the local section at the Awards Banquet dinner /meeting on April 26, 2017 at the Northern Kentucky University. The teacher and parents can register for the banquet after April 1 on the website at <http://www.acscincinnati.org/> or they will need to email jheimkreiter@petercremerna.com with their contact information to obtain further details.

The section also submitted the winning posters to the National ACS poster contest in Washington, DC. This year, we did not have any national winners from this section.

We would also like to recognize the following students for Honorable Mention. They will receive a certificate in the mail to their respective school in April 2017 for their achievement.

- Khara Rosebrook, 5th grade, Otto Armleder Education Center (CHCA), teacher A. McKittrick.
- Angel Stark, 10th grade, Minorities in Math, Science and Engineering, teacher V. Dean.
- NyJoy Gentry, 2nd grade, Rothenberg Preparatory Academy/M2SE, teacher T. Howard.
- Lillie Zimmerman, 10th grade, Archbishop McNicholas High School, teacher R. Goines.
- Haley Baker, 3rd grade, Summit Country Day, teacher S. Remke.

Parents, Educators: We were very pleased with all of the illustrated poems that were submitted. Thank you for being a part of the contest and encouraging your student to participate. Our children are the greatest investment into our future.

American Chemical Society
Cincinnati Section
Jamie N. Heimkreiter
NCW Contest Committee Chair

NCW 2017 will take place on October 22-28, 2017.
Theme: "Chemistry Rocks!"
Exploring the chemistry of rocks.



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The Horseshoe Casino --- April 21, 2015

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