

CINTACS



Newsletter of the Cincinnati Section of the American Chemical Society

May, 2014
Vol. 51 No. 8

Section Calendar Upcoming Events

May Meeting @Mad Tree
Brewery April 16

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May Meeting Announcement

Party Night

Tuesday, May 13, 2014

Tours and tastings

Mad Tree Brewery

5164 Kennedy Ave. Cincinnati 45213

6:00 – 6:30 registration

6:30 – 9:00 party with dinner by the bite and small-group
tours throughout the evening as people are interested

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

Deadline: noon, Monday, May 5, 2014

\$30.00 Members/Guests or \$15.00 for emeritus, K-12
teachers, students, unemployed, new members. Price in-
cludes two beers, a variety of hors d'oeuvres, both hot and
cold served all night, dessert and soft drinks, coffee, and
tea. (Mad Tree's license includes beer only, so there will
not be liquor or wine available.)

Menu includes items such as: bistro filet & asparagus cana-
pé w/ horseradish & caper aioli; mustard-ale English ched-
dar grilled cheese w/ tomato & avocado; pork-belly pigs in a
blanket w/ tequila spiked mustard; avocado & goat cheese
mousse cone w/ pickled papaya & strawberry. Also includ-
ed are assorted cheeses with flatbreads and crackers, veg-
etables with dip, and assorted mousse shooters for dessert.

(Continued on page 3)

THE CINTACS NEWSLETTER**Vol. 51, No. 8 May 2014**Editor.....Adam Bange
Advertising.....Daniel Esterline

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 August 25 for the September 2014 issue. Electronic submission is strongly preferred. All materials should be sent to:

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From The Chair

Wow – where did the year go?! It feels like just yesterday we were planning our fall picnic and now we are planning our section party night. As we think about the last year, we have much to celebrate – from our very successful joint meeting with NOBCCChE in November to a student-filled Breaking Bad event in March, from a packed house at the Oesper banquet in October, to our celebration of outstanding members in February, and who will forget the animal friends at our Education Awards night in April? As always, we had hugely successful National Chemistry Week events all over the area with volunteers pouring out of the woodwork it seemed. We also had the very special opportunity for the first time in our section’s history to celebrate a national chair-elect from our section – as we honored Diane Schmidt in January. What a whirlwind year!

For years, I have read the letters from our chairs and heard former chairs talk about all that our members do for the section. I thought I understood what they were talking about because I knew members volunteered at many events. But I can now say I really had no clue what they were talking about until I became chair. I have learned that we have a boatload of members who make our section very, very special. I learned that the chair’s job, while certainly time consuming, is not to “run the section” but rather to collect together groups of talented people who do the *actual* work of running the section. Awards? – covered. CINTACS? - covered. Registration and the website? – covered. National Chemistry Week? Education group? University meeting nights? Young chemists committee? Earth Day? Meeting Sponsorships? The budget? These and so much more are covered by very hard-working, dedicated section members who give selflessly of their time to help our section do all that it does for our members and our region. I wouldn’t even begin to try to list everyone who needs to be thanked because I know I would leave some people out and feel terrible about it. Please know that I give you all my heartfelt thanks for all that you do and I am positive that when I hand the reins over to Kevin Ashley at the end of June that he will be just as grateful for all your work.

Ok, I’ll stop with the emotional stuff. So how do we cap this year off? How about a *party* at a local craft beer brewery? Mad Tree Brewery has very graciously offered us the use of their facilities for our party night. They will offer small group tours throughout the evening as well as opportunities to try their many styles of beers including their spring specialties. We will have dinner by the bite, again brought to us by Funky’s Catering. (We had rave reviews over their food for our January party, so why change a good thing?) For the beer enthusiasts in the section, this will be an especially fun night, but even for those non-beer drinkers like myself, there will be plenty of fun to be had. Please consider bringing a colleague or even a non-chemist friend to the event and help us celebrate yet another fabulous year in the Cincinnati Section!

Sincerely,
Diana

More information about the Mad Tree Brewery at <http://www.madtreebrewing.com/home.html>

DIRECTIONS to Mad Tree Brewery. 5164 Kennedy Ave. Cincinnati, 45213

From I-71N

I-71N to exit 8A/Ridge Ave S. Keep left at the fork, turn left onto Ridge Ave then slight right onto Duck Creek Road. Turn left onto Kennedy Ave and destination will be on your right.

From I-71S

I-71S to exit 8/Ridge Ave/Kennedy Ave. Turn Right onto Highland Ave then take first right onto Kennedy Ave and destination will be on your left.

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Visit www.ProEd.acs.org/Cincinnati for more information

2014-2015 Section Election Ends Soon

April 26, 2014 (Webmaster)

Online voting for 2014-2015 Cincinnati Section officers will end on Tuesday, May 6. Instructions for online voting were distributed to all eligible Cincinnati Section members. The email and postcard notices contained a unique PIN number and the web address to visit to cast your votes.

Contact info@acsvoting.com if you did not receive your voting PIN or to request a paper ballot.

The following pages contain the biographies for all of the candidates, and more information can be found at www.acscincinnati.org

Ed Kentrup, High School Chemistry Teacher of the Year

The Cincinnati Local Section of the American Chemical Society is happy to announce that Ed Kentrup, Summit Country Day, is the recipient of the High School Teacher of the Year Award. Ed has had a varied career in chemistry working in the chemical industries and as a teacher for 20 years.

Ed graduated with a BS in chemistry from Northern Kentucky University in 1974 and started his teaching career at Dayton High School in Kentucky. After a few years, he moved into industry and worked as a Process Control chemist for Shepherd Chemical Company and then as a technical sales rep for Beckman Instruments Process Control Division. Working in industry allows Ed to bring a wealth of practical industrial experience to his teaching.

In 1981, an automobile accident involving a drunk driver seriously injured Ed and his wife and took the life of his two year old daughter. Ed left teaching and worked in Real Estate sales so he could devote more time to lobby for more stringent drunk driving legislation. He also established a SADD (Students Against Destructive Decisions) chapter in Northern Kentucky. Ed continues these efforts today and has been a SADD sponsor in every school where he has worked.

Ed returned to teaching in 1991 at Boone County High School in Kentucky and then moved to Colerain HS in Cincinnati where he stayed until he retired in 2013. Retirement didn't stop his desire to teach and he joined the staff of Summit Country Day this school year. Ed is an ACS member and has always been active in the informal Local HS chemistry teachers group. Area chemical educators meet to collaborate, share activities and demonstrations, discuss new topics, and support each other. The chair of this group, Linda Ford, had this to say about Ed:

He also thinks scientifically and values the importance of putting his students into situations where they must exercise their own critical thinking skills. The activities he shares always have layers of inquiry to reach multiple intellects as he has faced many classrooms with very diverse learning styles and motivational levels.

Ed is also associated with the Measurenet system, a data acquisition system developed by the UC chemistry department. This system is installed at Colerain HS and Summit Country Day. He has given many workshops at conferences including ACS regional meetings and the Biennial Conference on Chemical Education on effective ways to use this system in the high school classroom.

Chemistry is not an easy subject to teach. Ed Kentrup is a dedicated, caring, effective educator. His diligence and passion for the subject has helped many students discover the beauty of chemistry and helped them succeed in college. Ed's commitment to the profession and his willingness to help others has aided students and other teachers alike. In his nominating letter, Ed Escudero described him as, "one of those persons who embodies everything that is good about the teaching profession." The Cincinnati Section wholeheartedly agrees. Congratulations, Ed on receiving this well-deserved award.



Candidate for First Vice-Chair & Chair-Elect**Jackie B. Thomas**

Jackie Thomas is currently a Senior Scientist at Procter & Gamble. She received a B.S. Degree in Chemistry from Texas A&M University-Kingsville and Ph.D. Degree in Physical Organic Chemistry from Texas A&M University at College Station, TX. After completing her Ph.D. Degree, she joined the Procter & Gamble Company in Cincinnati in a Research and Development role, specifically process development for Family Care. Jackie has been involved in recruiting and mentoring for P&G, serving on the Southwest Recruiting team (2008-2010), planning team for minority PhD recruiting conference FIRST (2010-2014), and part of the planning team for Hispanic Internship Program (2012-2013). For the Cincinnati Section of the ACS, she has served as the National Chemistry Week Coordinator (2010-2013) and Secretary (2012-2013).

Statement: I am honored to be nominated for the position of First Vice-Chair. Since joining the Cincinnati Section in 2008, I have found the section to be a great place to increase my network, get involved in community outreach, and make friends. If elected, I am determined to maintain and encourage communication and collaboration at the monthly meetings between members and board members. I will continue efforts towards encouraging Younger Chemist to become active in the society. I will continue the focus on public outreach and educational efforts to promote Chemistry and STEM careers for generations to come.

Candidates for Second Vice-Chair**F. Mark Laskovics**

F. Mark Laskovics earned a B.A. in Chemistry from Youngstown State University and a Ph.D. in Organic Chemistry from the University of South Carolina. After completing a Faculty Internship and NIH Postdoctoral Fellowship at the University of Utah, he joined the Dow Chemical Company as a process chemist in the Pharmaceutical Division in 1979. As a process chemist, he moved to Societe Chimique Grevis in Limay, France in 1987 then to the chemical development group at Marion Merrell Dow, Cincinnati, in 1989. He became manager of Chemical Development in 1995 after the merger with Hoechst and Roussel Uclaf, then Director of Chemical Development in 1999 upon the formation of Aventis. In 2001, he started Girindus America in the US and served as President and COO until January 2013 at which time the business was sold to Nitto Denko AVECIA. He also holds an MBA from Xavier University. He is a 40-year member of the ACS and has been a member of the Cincinnati Section since 1989. Within the Cincinnati Section, he led National Chemistry Week activities for two years and served as auditor for three years.

Nick Nikolaidis

Nick Nikolaidis leads P&G's open innovation "Connect + Develop" R&D program across the global university and research institute landscape, and develops strategies towards effective collaborations with global Non-Governmental/Non-Profit Organizations and research technology parks. Central to these efforts is developing and executing disruptive and game-changing approaches to Public-Private partnerships. Prior to his current role, Nick spent 15 years in drug discovery with Procter & Gamble Pharmaceuticals, targeting cardiovascular indications, launching an upstream chemical development group, and establishing a Competitive & Technical Intelligence function for P&G Global Health Care. A "life-long" member of the American Chemical Society, Nick also sits on the Executive Board of The National Academies – University/Industry Demonstration Partnership. Nick received his Ph.D. in Synthetic Organic Chemistry from Cornell University in 1989 under the direction of Professor Bruce Ganem, and completed a Postdoctoral Fellowship at The Johns Hopkins University with Professor Gary Posner. He then joined 3M Pharmaceuticals, where he led programs in the design and synthesis of immune response modifiers as antiviral agents, before moving to P&G Pharmaceuticals in 1994. Nick resides in Mason, OH with his wife and daughter, and finds himself on the road quite often visiting his sons at The University of Texas, Austin and The University of Vermont. One of Nick's proudest "dad" moments was providing his son, a chemistry major at the University of Vermont, with his first ACS membership!

Candidates for Secretary

Brian Lenihan

Brian Lenihan received his B.S. in Chemistry in 1986 from Saint Joseph's College in Rensselaer, Indiana. He subsequently studied quinodimethane chemistry with Professor Harold Shechter at The Ohio State University and received his Ph.D. in Organic Chemistry in 1992. After one year postdoctoral positions at The Ohio State University and at Battelle, Pacific Northwest Laboratories, he had several other positions which include an industrial postdoctoral position with Mission Clay Products in Pittsburg, Kansas, and a position with Starks Associates in Buffalo, New York. He more recently had contract positions at Procter & Gamble and Aventis Pharmaceuticals. Following a position with Albemarle Corporation in Dayton, Ohio, he joined Millennium Specialty Chemicals in Jacksonville, Florida where he remained for seven years. After relocating to the Cincinnati area, he attended the January 2010 Cinci ACS meeting at Givaudan, and has attended every meeting since. During the past three tax seasons, he has worked as a tax return examiner with a local accounting office. As an active job seeker who learned much about the local industry, he volunteered to use his industry knowledge to maintain the database of local employers of chemists. His contributions to the database include increasing the number of companies by 40% and adding other features including a brief description of each company.

Scott Tremain

Scott Tremain received his B.A. in Chemistry (ACS) in 1996 from Augustana College (South Dakota) and his Ph.D. in Inorganic Chemistry (Bioinorganic) from Iowa State University in 2002. After a year as a Visiting Assistant Professor at Indiana University-Purdue University at Fort Wayne (IPFW), he joined the faculty in the Department of Chemistry at Eastern Illinois University where he was also a faculty advisor for the ACS student chapter for six years. Scott is currently an Assistant Professor in the Department of Chemistry at the University of Cincinnati Blue Ash College teaching GOB chemistry and survey of biochemistry. His research interests in chemical education involve the assessment of critical thinking skills using student group presentations and electronic data collection in the biochemistry laboratory. He currently organizes a workshop "Chemistry and Your Teeth" for UC Smiles where elementary students come to UC Blue Ash to receive preventative dental care and experience the campus. Since 2006, he has served the ACS at the national level as a peer reviewer for ACS student chapter activity reports and ACS regional meeting undergraduate programming grant proposals. For the last two years, he has presented workshops in the ACS Career Pathways Series for the Department of Career Development and Management (DCMD) and at ACS Postdoc to Faculty (P2F) workshops. After becoming active in the Cincinnati Local Section in early 2011, he has participated annually in community outreach activities for the International Year of Chemistry, National Chemistry Week, and Chemists Celebrate Earth Day.

Candidate for Treasurer

Keith Walters

Keith Walters is Associate Professor and Chair of the Department of Chemistry at Northern Kentucky University. He has been at NKU since 2002 following receiving a B.S. degree from Furman University, a Ph.D. from the University of Florida and a post-doctoral position at Northwestern University. He maintains an active externally funded organometallic photochemistry research group, having mentored more than 60 students during his NKU career. He has been department chair since 2012. He has been active in ACS since 1994 when he joined as a student affiliate, and served as one of the faculty advisors for the NKU ACS student affiliate group from 2003-2009. Keith has served the Cincinnati Section as the Co- chair for National Chemistry Week from 2007- 2009, and is currently serving his second term as Treasurer (2012 – present).

Candidates for Auditor

Ruth Bailey

Ruth Bailey is a Senior Researcher in the analytical organization at the Procter & Gamble Co., where she's been employed for 22 years. She earned B.A degrees from Miami University in both Microbiology and Chemistry (ACS). She has been a member of the ACS for over 20 years, and has participated in the annual National Chemistry Week community outreach programs at the Cincinnati Museum Center.

David Tierney

David Tierney is a Professor of Chemistry and Biochemistry at Miami University, where he teaches Physical Chemistry and Inorganic Chemistry, and serves as Chair of Graduate Advising. He has been Faculty Advisor to the Miami Chemical Society (MCS), Miami's student affiliate, for the past four years, and was recently elected an Alternate Councilor to the Biochemistry Division of ACS at the national level. Dr. Tierney earned his B. S. in Chemistry from Saginaw Valley State University (Saginaw, MI) in 1989, and worked for Dow Chemical in Midland, MI for three years, prior to obtaining his Ph. D. from the University of Michigan in 1996. After an NIH post-doctoral fellowship at Northwestern University, he joined the faculty at the University of New Mexico from 2001-2009, before moving to Miami.

Candidate for Trustee

Diana McGill

Diana McGill received her B.S. in Biology and B.A. in Chemistry in 1984 from Northern Kentucky University and her Ph.D. in Biochemistry from Harvard University in 1991. After completing a postdoctoral fellowship at the University of Cincinnati, she joined the faculty in the Chemistry Department at Northern Kentucky University in 1993 where she is now a Professor of Chemistry. She was department chair for nine years, after which she spent her sabbatical year at the University of Cincinnati College of Medicine working under Dr. Andy Herr. This year, she returned to the faculty at NKU and is the current chair of the Cincinnati section. She has been a member of the Cincinnati section of the ACS since 1994 and has served as meeting site coordinator for three years, auditor for three years, second vice chair for one year, and then elected first chair and chair elect in 2012.

Candidates for Councilor (Term Ending December, 2017)**Kathleen (Kathy) Gibboney**

Kathy completed her B.S. in Chemistry at Saint Mary's College, an M.S. in Biochemistry at the University of Denver and an M.B.A. in Finance at Xavier University. She is now retired from a 32 year career, primarily in the pharmaceutical industry. She spent 18 years at what is now Sanofi Aventis Pharmaceuticals where she divided her time between Analytical R&D and Scientific Services which included maintaining/administering the chemical and biological database and the research compound collection. She then spent 9 years at Procter & Gamble Pharmaceuticals, where she was hired to develop a compound repository, which included a multi-million dollar automated storage, retrieval and sample prep system, and the purchase of over 300K research compounds. She has been an active member of the Local ACS since 1980, holding positions of Chair, Vice-Chair, Treasurer, Auditor, PR Chair and Councilor. As a Councilor she has been active on the national level as a member of Council and two National ACS committees, Local Section Activities and Meetings & Expositions.

Richard J. Mullins

Richard J. Mullins earned his B.S., Chemistry, from Centre College in 1998 and his Ph.D. from Indiana University in 2004, specializing in organic chemistry. He and his family moved to Cincinnati in 2004, where he is an Associate Professor at Xavier University in the Department of Chemistry. His ongoing research is focused on the development and application of new methods for the synthesis of small natural products with potential medicinal applications. While in Bloomington, Mullins served terms as Chair and Secretary of the Southern Indiana Section of the American Chemical Society. He also served on the steering committee for the 38th National Organic Symposium held in Bloomington during the summer of 2003. He has previously served the Cincinnati section for one term as Auditor (2005-08), two terms as Secretary (2008-09; 2009-10), First Vice-Chair/Chair-Elect (2010-11), Chair (2011-12) and is currently serving a three-year term as Trustee (2012-2015).

Candidates for Alternate Councilor (Term Ending December, 2017)**James Mack**

James Mack is an Associate Professor of Chemistry. After completing his Bachelor's degree at Middlebury College in 1995 he went to graduate school at the University of New Hampshire where he conducted his doctoral research under the supervision of Glen P. Miller working in the area of fullerenes. After earning his doctoral degree in 2000, he was a postdoctoral fellow with Lawrence T. Scott developing a bench top synthesis of fullerenes and nanotubes. Since joining the faculty at the University of Cincinnati in 2003, Professor Mack has been interested in the development of environmentally benign organic reactions and the synthesis of novel organic materials.

Daniel McLoughlin

Dan McLoughlin is currently serving as an Alternate Councilor of the local section. He is recently retired from Xavier University after 31 years of service. He received his B.S. degree from Wayne State University, his M.S. in Chemistry from John Carroll University and His Ph.D. degree from the University of Missouri. He did postdoctoral work at the University of Oregon and at Washington University before moving to Cincinnati. He has served in a large number of outreach programs and has been consistently active in community service. He has been active in the Cincinnati Section ACS for the past 30 years and has served on numerous committees and as an officer in a number of positions, including as Chairman of the Section.

STEM Conference

May 14, 2014 • Tangeman University Center • University of Cincinnati

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Curriculum, Collaboration,
College, and Careers!*

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When and Where?

Wednesday, May 14, 2014 at Tangeman University Center, on the campus of the University of Cincinnati

Who Should Attend?

K-12 STEM (**S**cience, **T**echnology, **E**ngineering and **M**athematics) teachers and administrators from public and private schools, who are seeking innovative instructional strategies
Leaders in higher education, business and industry that support STEM education and STEM-related career opportunities

Conference Features:

From 7:30 a.m. – 3:30 p.m., the conference features four concurrent break-out sessions led by teachers, administrators and business and industry leaders, and a welcome speaker at lunch. Presentations will be selected from a variety of proposals for K-12 teachers featuring Interactive Workshops, Multiple Presenter Sessions and STEM Related Opportunities.

Up to 5 professional contact hours offered.

A Tweet Challenge for winning educational prizes such as a free field trip for your class.

Registration Information:

Single Fee: \$25.00 which includes: continental breakfast, lunch, on-campus garage parking voucher and up to 5 contact hours

Conference and Registration Website (*registration begins January 10th*)

http://ceas.uc.edu/special_programs/ceems/CEEMS_Events/Events_STEM.html

Send Us Your Presentation Proposal (*deadline for proposals has been extended until February 24th.*) Use the registration website above to submit a proposal.

Contacts

For Request for Proposal Information:

Julie Steimle | 556-6454 | julie.steimle@uc.edu and Debbie Liberi | 556-6419 | liberid@ucmail.uc.edu

For Registration and Conference Logistics:

Katy Roberto Marston | 558-1818 | event.services@uc.edu

This event is managed by the University of Cincinnati's Conference & Event Services office.



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