

# CINTACS



Newsletter of the Cincinnati Section of the American Chemical Society

September, 2012  
Vol. 50 No. 1

## Section Calendar

|           |  |
|-----------|--|
| Sept 22   | Lloyd Library and Museum                       |
| Sept 23   | Germania Park Picnic                           |
| Oct 5     | NCW Training,<br>West Chester                  |
| Oct 12    | Oesper Symposium, UC                           |
| Oct 21-27 | NCW Outreach                                   |
| Nov 7     | Copper Creek, Blue Ash                         |
| Dec 12    | Joint meeting with<br>NOBCCChE, Xavier Univ.   |
| Jan 16    | Cincinnati Westin                              |
| Feb 13    | Chemist of the Year, TBD                       |
| Feb 15    | Deadline for 2012 ChemLumi<br>nary Nominations |
| Mar 13    | Joint meeting with Dayton,<br>Marriott North   |
| Apr 7-11  | National ACS meeting, New<br>Orleans           |
| Apr 20    | Earth Day                                      |
| Apr 24    | Student Award Night, NKU                       |
| May 17    | Party Night                                    |

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Come to the first gathering of the Cincinnati ACS for  
2012-2013:

**9<sup>th</sup> ANNUAL  
FAMILY AND FRIENDS PICNIC  
Elemental Fun at Germania Park  
Sunday, September 23, 2012, 1-4 PM**

Bring your family! Invite your friends! This is a great opportunity to create memories of fun and science together! Reconnect with ACS friends, and make new ones in a relaxed and casual atmosphere. Activities and entertainment will include food, drinks, and chemistry fun!

Gathering and Games: 1:00-2:00 PM

Food/Potluck: The section will provide grilled hot dogs, hamburgers, brats, metts, and chicken from Hammann's Catering, condiments, plates, utensils and dinks including beer, soft drinks and juice boxes.

Attendees are cordially invited to bring a picnic dish to share (consider ~6 adult servings). If possible, note ingredients, like "contains nuts" or "gluten-free". This is not a specific request to only bring such items, but simply to inform others who may have dietary restrictions.

Food will be served at 2 PM

Cost: \$10 for individual members or \$15 for members

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## THE CINTACS NEWSLETTER

Vol. 50, No. 1 September, 2012

Editor.....Adam Bange  
Advertising.....Dan 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 September 15 for the October 2012 issue. Electronic submission is strongly preferred. All materials should be sent to:

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## From the Chair

Hello Section Members,

I would like to welcome you to the 120<sup>th</sup> year of the Cincinnati Section of the ACS! Not many local sections can boast of this milestone – actually only 2 others. I want to acknowledge and thank all the chemists who have volunteered their time, contributed to the advancement of science in the community and promoted the professional exchange for the past 120 years that allowed Cincinnati Local Section #202 to celebrate this “birthday”. I believe a toast is due – Well Done! It is a privilege to serve this remarkable section as Chair for 2012-2013.

Our section also celebrates individual members who have received special recognition over the summer. The ACS Fellows for 2012 were announced in July, and Cincinnati is honored to have 4 of the inductees - Stacey Lowery Bretz, Joel Shulman, Subhas Sikdar, and Bill Oliver were all recognized at the National ACS meeting in Philadelphia for their significant contributions in their chemical fields and longstanding service to the ACS. Congratulations to you!! Locally, the Section recognized Bill Oliver with our “Outstanding Service” award at the May Party Night meeting. Read Bill’s in depth record for the Fellows nomination and you will see why he was an obvious choice for this honor. We also formally recognized Matt Gardlik for the special effort he put forth last year implementing our electronic elections program. Offering online voting to our members provided +80% increase in voter participation!

We will Kick-Off our year with a weekend of activities Sept 22-23. The Section’s Events will start with the opening of the "The George Rieveschl, Jr., History of Pharmaceutical Chemistry" exhibit. A celebratory reception is planned for Saturday, September 22 from 4-7pm, at the Lloyd Library & Museum downtown. The Trustees donated \$5,000 to support this permanent exhibit of the history of pharmacy, showcasing its ties to Cincinnati. As you may know, the Lloyd Library is the official repository of the Section’s archives. Click [here](#) for more LLM information.

The monthly meetings begin with our informal Friends and Family Picnic on Sunday, September 23. It will again be held from 1:00 to 4:00 pm at Germania Park. It seems appropriate to call this meeting our ACS version of Oktoberfest (in concert with the Cincinnati Oktoberfest also being held that weekend). The section will provide grilled meats, tap beer and soft drinks. Bring a side dish or dessert to share!

Coming quickly in October is *The Ralph and Helen Oesper Symposium, Poster Session and Banquet*. This year’s event will take place on Friday, October 12th at the University of Cincinnati Tangeman Hall. Professor Gary M. Hieftje, Indiana University, is this year’s Oesper Award honoree. Professor Hieftje’s research interests include the areas of instrumental analysis, metallomics, and applying information theory to analytical chemistry. Dr. Hieftje will cap the day’s presentation with the Lecture, “*Models, Methods, and Machines for Chemical Measurements*”. The evening festivities begin with a reception and the Cincinnati Section ACS student poster session, followed by dinner and the Oesper

(Continued on page 3)

(Continued from page 1)

with their family or friends.

\$5 for individual members who are re-tired, K-12 teachers, unemployed, or student affiliates or \$10 with their family or friends.

**Reservations:** The meeting reservation form is online at [www.acscincinnati.org/acs](http://www.acscincinnati.org/acs). When you register indicate the number of adults and children attending. The deadline for registration is Wednesday, September 18 at noon.

Directions to Germania Park, 3529 West Kemper Road, Cincinnati, OH 45251:

From I-275 take the Colerain Avenue exit and go north on Colerain (US 27) for about 2.5 miles. Take the Kemper Road exit and turn right onto Kemper. Germania Park is on the right after about 1.3 miles. From I-275 W take exit #36 toward Mt. Healthy. Turn right onto Hamilton Avenue (US 127) and go north about 0.8 miles. Turn left onto West Kemper Road. Germania Park is on the left after 1.6 miles.

Congratulations to our section's own Kevin Ashley, who was awarded the Moyer D. Thomas award by the ASTM International Committee on Air Quality for his outstanding contributions to the analysis of atmospheric samples. Kevin is a senior research chemist at the Center for Disease Control and an active member of the local section. Congratulations Kevin!

Award presentation by Dr. Steven Ray, of Indiana University. Area students are encouraged to present their undergraduate or graduate research. Please submit abstracts to Amie Norton ([nortonai@mail.uc.edu](mailto:nortonai@mail.uc.edu)) by October 5, 2012. Come for the whole day, or join us when you can. Attendance at the Symposium is free and registration is not required. We do need to record Banquet attendees for dinner planning and registration will open online Sept 12. Check out the [Oesper](http://Oesper) website for more details.

October 21-27 is National Chemistry Week! The theme this year is "*Nanotechnology – The Smallest Big Idea in Science*." This is our Section's largest outreach event for 2012, and a tremendous opportunity for us to connect to our community, highlighting chemistry in a positive way. This year our NCW Coordinators are Jackie Thomas and Hong Zhang. With over 31 libraries, schools and other community locations, there is always a place for you to contribute – and, we provide training! Training is scheduled for October 5, from 5-7pm at P&G's GYM facility, located in West Chester. I know that an initial call has gone out to last year's volunteers. Please send an email to [ncw.acs@gmail.com](mailto:ncw.acs@gmail.com) if you are interested in participating in this outreach program, but did not receive the mailing so you can be added to the list.

Our excitement of beginning a new Section year is tempered with sorrow, as I offer condolences on behalf of the Section to the family of Dr. Heather Bullen. It is with heavy hearts that we learned of her passing in July. Heather was an amazing scientist, teacher, wife, mother, friend, and her loss is deeply felt. I encourage you to consider her husband's request to share any stories of Heather you may have at <http://heatherbullenstories.org>.

On a final note, the mission of the ACS Local Section is to facilitate members' community outreach, professional development, and peer network. Come to the picnic to see opportunities to connect, participate, grow and inform in the sphere of Chemistry, and share your ideas for how the Section can better serve its members and its mission. See you in September!

Beth Reno  
Chair

**Outstanding Service Awards- 2012*****Professor William R. Oliver – Outstanding Service Award***

The Outstanding Service Award was established in 1997 to formally recognize the dedicated service and outstanding contributions sustained over a period of time by individual members to the Cincinnati Section. This year the section recognized Professor William R. Oliver for consistently providing his time and talent to the betterment of the Cincinnati Section.

After completing his Ph.D. at Iowa State University, Bill Oliver began his professional career at Procter and Gamble, where he worked at their Miami Valley Laboratories for three years. He then joined the faculty of Northern Kentucky University where he taught for 35 years. For 16 of those years, he served as Chair of the Chemistry Department. Throughout his career, Bill maintained an active role in the Cincinnati section, serving in various capacities including Chair, 1st Vice-Chair, Treasurer, Trustee, Councilor, Alternate Councilor, Public Relations Chair and Educational Services Chair. Some of his most notable contributions have been made at the national level while serving as Councilor. The service of our councilors at the national level is perhaps not so visible to our members. Councilors play a vital role in our section by representing our concerns, influencing national ACS policy and helping keep the local section informed of upcoming changes and developments. As a councilor for the Cincinnati Section, Bill has done an outstanding job of representing the local section by serving on three national committees: Committee on Public Relations and Communications (CPRC), Committee on Science (ComSci), and the Meetings and Expositions Committee (M&E). Bill has been very engaged in the activities of these committees and has served as chair of the above three committees. His position as chair of M & E made him an *ex officio* member of the Council Policy Committee. Bill is continuing to serve the Cincinnati Section as a councilor and is currently a member of the National Historic Chemical Landmarks committee and an associate member of the Committee on Public Relations and Communications.

It is due to the longstanding commitment and efforts of Professor Bill Oliver - and others like him - that our section continues to provide an outstanding program to the great benefit of our members and local community. Congratulations, Bill, and thank-you for your many years of outstanding service!!

***Matt Gardlik- Catalyst Award***

Sometimes members of the Cincinnati Section make special contributions to our section and the Section would like a way to recognize this service. In the past from time to time, the Section has presented Special Recognition Awards. However, after discussion with the Chair, the Chair-elect and the Board last spring, it was decided to call the award to recognize special, exceptional contributions the Catalyst Award. The award would be given on an ad hoc basis rather than annually.

The first Catalyst awardee is Matt Gardlik, Ph.D. Ohio State University. Matt has been organizing, maintaining and updating our website for the past five years. In addition, he edits the content each month and responds to Web-Master inquiries. The website greatly facilitates the meeting registration process and has become an essential communication tool- especially with the increasing and now nearly constant access to the web via various digital tools. Clearly doing the above activities is not a small job and having done it so well for five years is worthy of recognition. However, in addition, Matt has created and played a key role in testing and implementing our new electronic elections program. Having a web based digital election system not only makes voting very easy for members, but also facilitates counting the ballots. The new electronic system worked flawlessly in the 2012 election. Having an active well- functioning website in place made the decision by the Board of the Cincinnati Section to move to electronic distribution of CINTACS, our monthly newsletter, a very easy call. Electronic distribution via our web site improves and speeds up communication with our members. Electronic balloting and distribution of CINTACS provides significant savings to the Section by eliminating printing and mailing costs. Matt Gardlik's activities and diligent efforts over the past five year have catalyzed positive changes in our section. Matt exemplifies the spirit embodied in the Catalyst Award and is clearly deserving of this recognition. Matt has recently completed his law degree at Capital University Law School in Columbus and has accepted a position at a law firm in Indianapolis. Congratulations Matt and best wishes for much success in your new career!!



**National Chemistry Week  
2012 Illustrated Poem Contest:**

**“Nanotechnology: The Smallest BIG Idea in Science”**

The **Cincinnati, Ohio** Section of the American Chemical Society (ACS) is sponsoring an illustrated poem contest for students in Kindergarten - 12th grade.

Contest Deadline: **October 23, 2012**

Winners: **First place winner of each category will be invited to attend the ACS Awards presentation with guests held in April 2013 at Northern Kentucky University.**

Submit entries (or questions) to:  
**Jamie Heimkreiter  
Peter Cremer North America**  
  
**3117 Southside Avenue  
Cincinnati, OH 45204  
jheimkreiter@petercremerna.com**



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Write and illustrate a poem using the NCW theme, **“Nanotechnology: The Smallest BIG Idea in Science”**. Your poem must be **no more** than 40 words, and in the following styles to be considered:

HAIKU • LIMERICK • ODE • ABC POEM • FREE VERSE • END RHYME • BLANK VERSE

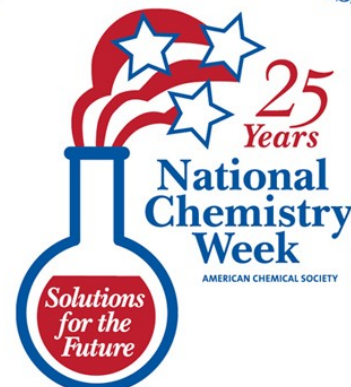
Participants are encouraged to explore the nanoscience related to the environment, energy, materials and health.

Possible topics include:

- Nano water filtration
- Nano medicine and drug delivery
- Solar cells
- Any other relevant topics
- Carbon nanotubes

Entries will be judged based upon:

- Relevance to and incorporation of the theme
- Adherence to poem style
- Word choice and imagery
- Originality and creativity
- Colorful artwork
- Overall presentation



**Contest Rules:**

- Poems must conform to a particular style. No poem may be longer than 40 words.
- The topic of the poem and the illustration must be related to the NCW 2012 theme, **“Nanotechnology: The Smallest BIG Idea in Science”**.
- All entries must be original works without aid from others.
- Each poem must be submitted and illustrated on an unlined sheet of paper (of any type) not larger than 11” x 14”. The illustration must be created by hand using crayons, watercolors, other types of paint,

colored pencils or markers. The text of the poem should be easy to read and may be printed with a computer, before the hand-drawn illustration is added, or the poem may be written on lined paper which is cut out and pasted onto the unlined paper with the illustration.

- Only one entry per student will be accepted.
- All entries must include an entry form.
- All illustrated poems and/or digital representations of the poems become the property of the American Chemical Society.
- Acceptance of prizes constitutes consent to use winners' names, likenesses and entries for editorial, advertising and publicity purposes.

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## **SPONSORS SOUGHT FOR 8 SECTION MEETINGS IN THE 2012-2013 PROGRAM YEAR**

We continually seek sponsors for each of our 8 monthly Section Meetings in the new program year. Sponsorship entails a commitment of sponsorship (cash or cash equivalent) of \$1000 to essentially pay for the many expenses associated with a quality meeting to be presented to the membership. These expenses include retiree and student meal discounts, speaker's expenses, travel, housing, food, A/V, room rental for the meeting, and a Social Hour where attendees can meet others and build networks and contacts for career growth and enhancement.

Sponsors are recognized in all of the eight yearly issues of CINTACS, and by introduction at the sponsored meeting. This "advertisement" is of great value, especially to new companies in the Cincinnati area. In several instances this has led to participation in governance activities in the Section.

Over the past seven years of this successful program, companies, academic departments, retirees, and faculty have been sponsors of monthly meetings. We are always striving to broaden the base of sponsors as this leads to better representation in Section programs and services to the membership.

If you or your employer has an interest in being a sponsor, please contact the undersigned for more details. Beyond these volunteers, we will be making phone calls and letter contacts to reach our goal of eight sponsors. Every effort will be made to align the Sponsor's areas of interest with our monthly topics.

Please contact Ed Hunter at:  
[edhunter@fuse.net](mailto:edhunter@fuse.net)

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## CINTACS NEWSLETTER

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Hello to all National Chemistry Week Volunteers!!!!

This email is intended as a kickoff email about all things concerning NCW 2012! This year's theme is "*Nanotechnology - the Smallest BIG Idea in Science!*"

### **Demo Practice**

Mark your calendars - demo practice will be held on Friday October 5th from 5-7pm. We will be located at the GYM - P&G facility (address and direction to come in separate email)!! More details to come in upcoming weeks - Ed E. plans to lead practice again this year, we will be distributing the Celebrating Chem magazines, and other NCW goodies! Please let me know if you will be able to attend. Thank you Ed V. for helping us secure the GYM!!!

### **Cincinnati Public Libraries:**

We already have a big requests list for demos at the Cincinnati Public Library - I will be contacting volunteers individually (here shortly) who have done libraries in the past to see if you are available to do libraries again. If you did not have a library last year, but would like to do one this year, please send me an email letting me know you are interested! Thank you to all Cincy Library volunteers!

### **Libraries outside Cincinnati:**

For those of you who coordinate libraries outside Cincinnati, now is the time to start making those calls. Once you have made arrangements with your library/venue of choice please let me know the agreed time/date. I will need to add this information to our flyer and I will be uploading this info along with all other venues to national ACS website for to help people locate NCW events. Thank you for reaching out to your communities and setting these demos up!

### **Cincinnati Museum Center (CMC):**

If you would like to help out at the CMC please contact Gloria Story ([story.gm@pg.com](mailto:story.gm@pg.com)). This is a great venue to celebrate chemistry and reaches so many children! Thank you to the CMC volunteers!

Thanks again to everyone in advance for your help with NCW this year! Please feel free to email me if you have any questions. Also, please feel free to forward this info to others that might be interested in helping out with NCW.

-Jackie Thomas

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