

# CINTACS



Newsletter of the Cincinnati Section of the American Chemical Society

March, 2014  
Vol. 51 No. 6

## Section Calendar

### Upcoming Events

Teacher of the Year Nominations Due	March 15
National ACS Meeting	Mar 16-20
March Meeting	March 27
April Meeting @NKU Student Awards Night	April 16
Party Night TBA	May 9

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## March Monthly Meeting

Joint meeting with Dayton Section  
Marriott North Hotel, West Chester  
Thursday, March 27, 2014

Featured speaker:

### Dr. Donna Nelson

Professor of Chemistry, University of Oklahoma  
& Breaking Bad science advisor



### Program:

6:00 – 7:00	Registration and Social Hour, Hotel Atrium
7:00 – 8:00	Buffet dinner, West Chester Ballroom
7:45	Presentation of slate of officers for upcoming election : Beth Reno
7:55	Presentation by Markes International, Inc.
8:00	Presentation of guest speaker , Dr. Donna Nelson
9:00	Raffle prizes

**Reservations required:** \$30 pre-paid reservation, \$15 pre-paid for students, emeritus, unemployed or K-12 teacher members; \$35 paid at the door but *with* online reservations. *Limited* number of \$50 tickets available at the door without reservation.

**Menu:** Caesar salad, spinach salad, chicken parmesan, salmon with herb supreme, penne marinara, green beans almondine, white chocolate

(Continued on page 3)

**THE CINTACS NEWSLETTER****Vol. 51, No. 6 March 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 March 25 for the April 2014 issue. Electronic submission is strongly preferred. All materials should be sent to:

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mcgill@nku.edu

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Kevin Ashley  
kea0@cdc.gov

2nd Vice Chair:

Gloria Story  
story.gm@pg.com

Secretary:

Jackie Thomas  
thomas.jb.1@pg.com

Treasurer:

Keith Walters  
walterske@nku.edu

Trustees

Beth Reno  
Victor Arredondo  
Rick Mullins

**From The Chair**

Mid-February was a busy time for our section. On February 11, YCC held a webinar event hosted by Vanessa Frost-Barnes at Markes International. The next night, we celebrated the winners of our Cincinnati section research associate and chemist of the year - Michele Mangels and Dr. Bill Connick – at our monthly meeting at the Embassy Suites in Blue Ash. Almost 90 section member and guests enjoyed a lively social hour and wonderful after dinner talk. And finally, two days later we submitted our ACS annual report. Thanks to Keith Walters for completing the financial portion of the report, to Beth Reno for completing her portion and to Bruce Ault, as one of our councilors, for approving the submission while he was out of town at a conference. We self-nominated for three Chemluminary awards and best overall section. On behalf of the section, I also submitted a grant to national ACS to support the upcoming March meeting. So keep your fingers crossed!

Speaking of March, it is time again to nominate those amazing science teachers you know. Please send your nominations to Linda Ford of the Educators Committee. The three teacher of the year categories are elementary, middle and high school. It is also time to fill the slate for local section officers. Beth Reno, nominating committee chair, will present the slate at the March monthly meeting, as well as take nominations from the floor.

Now about the March meeting – hopefully you will all find it as exciting as I do. The meeting will be held **Thursday, March 27** at the **Marriott north hotel**; it is a joint meeting between the Cincinnati and Dayton sections. We are *very* fortunate to host as our guest speaker, **Dr. Donna Nelson**, professor of Chemistry at the University of Oklahoma, very active national ACS member, and importantly for her presentation, a science advisor for the very popular AMC TV series “Breaking Bad”. Donna’s talk – **“Breaking Bad: My Experiences as Science Advisor”** – is sure to entertain and enlighten our members, their guests and other Breaking Bad enthusiasts in attendance. Invite your friends and neighbors – it should be a fantastic event for chemists and non-chemists alike. We’re even planning a raffle prize drawing at the end of the night to encourage attendees to turn in surveys.

I would like to acknowledge Markes International, Inc., for generously sponsoring our March meeting. Make sure to let Vanessa Frost-Barnes know how much we appreciate this!

Sincerely,  
Diana

raspberry cake, chocolate marble  
cheesecake.

**Directions to Meeting Venue:**

The street address is 6189 Muhlhauser Rd •  
West Chester, Ohio • 45069 • Phone: (513)  
874-7335

**FROM South**

Take Interstate 75 North

After the I-275 interchange, move to the  
right 2 lanes for Exit #19 Union Center Rd  
exit.

Move to the middle left turn lane of the exit  
ramp, and turn left onto Union Center,  
crossing over the highway.

Turn right at the intersection with Muhlhauser Rd (you can see the hotel is situated at this corner)

Turn right into the hotel entrance.

**FROM East/West:**

Take Interstate 275 to I-75 North.

Stay in the right 2 lanes for Exit #19 Union  
Center Rd (next exit after I-275)

Turn left onto Union Center Rd. and go over  
the highway.

Turn right at the intersection on Muhlhauser  
Rd.

The hotel entrance is on your right.

**FROM North (Interstate 75 South):**

Take Interstate 75 South to Union Center Rd  
exit #19 (This exit is after CinDay Rd exit.)

Turn right off the exit ramp onto Union Center,  
and then right again on Muhlhauser Rd.

The hotel entrance is on your right.



**Dr. Donna Nelson**, professor of chemistry at Oklahoma University, obtained her PhD in chemistry at UT-Austin with MJS Dewar, did her postdoctorate at Purdue with HC Brown, and joined OU. Her research areas are nanoscience, communicating science to the public, organic chemical education, and scientific workforce development. She has over 100 publications and many honors, including American Chemical Society (ACS) Fellow, ACS Israel Award, ACS Nalley Award, Oklahoma Chemist Award, Fulbright Scholar, National Science Foundation (NSF) ADVANCE Leadership Award, Women's eNews "21 Leaders for the 21<sup>st</sup> Century," AAAS Fellow, Guggenheim Award, NOW "Woman of Courage," Ford Fellow, Sigma Xi Faculty Research Award, and NSF Special Creativity Extension. As part of her work on the presentation of science and images of scientists to the public, she advises television programs, such as *Breaking Bad*, in order to further the universal goal of presenting accurate science to TV audiences. In accord with this program, in 2011, she organized the highly-popular *Hollywood Chemistry* symposium at the Anaheim ACS Meeting and *Science on the Screen* symposia at the Denver ACS Meeting.



## 2013 NATIONAL CHEMISTRY WEEK



As a part of National Chemistry Week that was held in October 2013, the local Cincinnati Section of the American Chemical Society sponsors a poster contest for local students to express their creativity and artistic ability while focusing on a chemistry theme. This year's theme was "**Energy: Now and Forever.**" The poem was 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-2<sup>nd</sup> grade, 3<sup>rd</sup>-5<sup>th</sup> grade, 6<sup>th</sup>-8<sup>th</sup> grade, and 9<sup>th</sup>-12<sup>th</sup> grade) for the section. The winners are as follows:

Category	K- 2nd Grade	3 <sup>rd</sup> – 5 <sup>th</sup> Grade	6 <sup>th</sup> – 8 <sup>th</sup> Grade	9 <sup>th</sup> - 12 <sup>th</sup> Grade
1 <sup>st</sup> Place Winners	<b>Mareon Berry</b>	<b>Addie Ransick</b>	<b>Kayla Beverly-Pierce</b>	<b>Nicholas Emig</b>
Grade	2 <sup>nd</sup>	3 <sup>rd</sup>	7 <sup>th</sup>	10 <sup>th</sup>
Represented School	Silverton Paideia Academy; M <sup>2</sup> SE	Summit Country Day	Mt. Healthy Jr/ Sr. High School	Archbishop McNicholas High School
Teacher	Tonya Howard	Stacy Remke	V.K. Dean	Regina Goines
Location	Cincinnati, OH	Cincinnati, OH	Mt. Healthy, 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 in April 2014, at the Northern Kentucky University. Their teacher will need to email [jheimkreiter@petercremerna.com](mailto:jheimkreiter@petercremerna.com) with their contact information and to obtain further details.

The section also submitted the winning posters to the National ACS poster contest in Washington, DC. The national winners are now listed on the national ACS website.

Since we had so many deserving poems, 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 2014 for their achievement.

**Sarem Desta** - 4<sup>th</sup> grade, CHCA Armleder, Mrs. Cepress & Mrs. McReynolds

**Tommy Schaefer** – 3<sup>rd</sup> grade, Summit Country Day, Mrs. Remke

**Austin Jamison** – 5<sup>th</sup> grade, Taylor Mill Elementary School, Ms. Muzny

**Spencer Beal** – 3<sup>rd</sup> grade, Central Montessori Academy, Ms. Cerimele-Rieger

**Adam Neltner** – 10<sup>th</sup> grade, Archbishop McNicholas High School, Ms. Goines

**Keely Meakin** – 11<sup>th</sup> grade, Archbishop McNicholas High School, Mr. Caldwell

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.

## Call for Nominations: Teacher of the Year Awards

Each year the Cincinnati section of the American Chemical Society recognizes outstanding area educators by giving awards in the following categories:

High School Chemistry Teacher of the Year,  
Middle School/Junior High School Science Teacher of the Year,  
Elementary School Science Teacher of the year.

Nominations should include the teacher's CV and at least one letter of nomination (ideally from the school principal), indicating why the individual exemplifies excellence in Chemistry Education (for High School) or Science for Middle or Elementary School. These awards will be given at our April meeting.

We need your help in finding these outstanding teachers. If you know a teacher who has made a difference in students' lives through excellent, innovative teaching methods, encouraging students to pursue science, and dedication to their profession, please encourage them to apply or nominate them yourself. You can also help to find good candidates by forwarding this information to the principal of your children or grandchildren's school and encouraging them to nominate one of their teachers. Nominations are **due by Saturday, March 15, 2014**.

Nomination materials should be sent to:

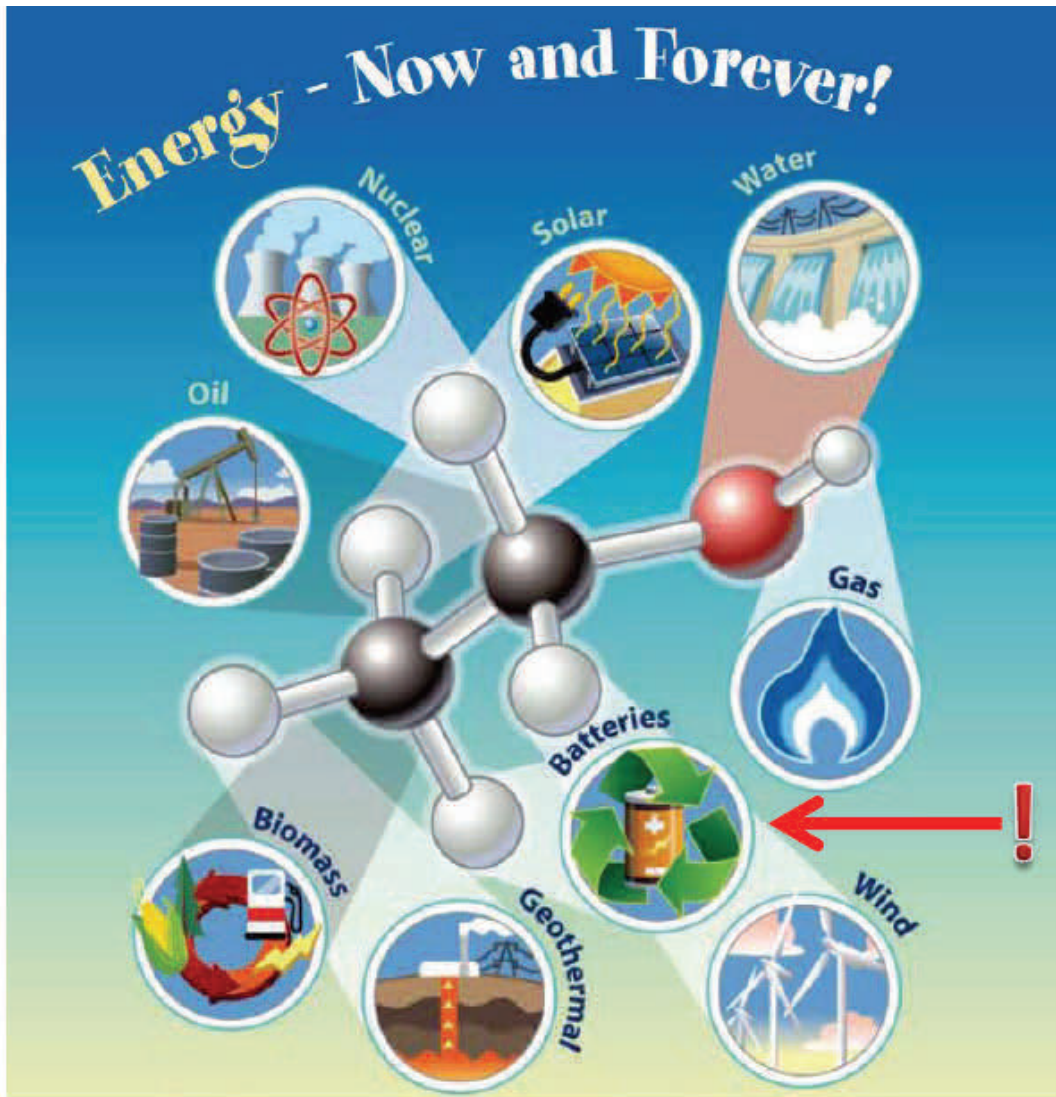
Lynn Hogue  
[LynnHogueTS@gmail.com](mailto:LynnHogueTS@gmail.com)

or

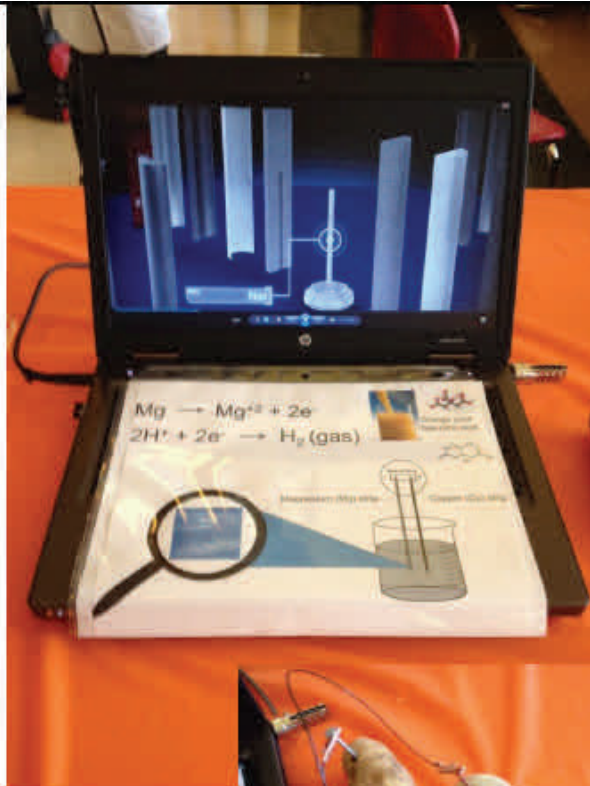
Lynn Hogue  
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Electronic submission is strongly encouraged

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# STEM Conference

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

*STEM Education and Beyond:  
Curriculum, Collaboration,  
College, and Careers!*



## 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](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 24<sup>th</sup>.*)**  
**Use the registration website above to submit a proposal.**

## Contacts

For Request for Proposal Information:

Julie Steimle | 556-6454 | [julie.steimle@uc.edu](mailto:julie.steimle@uc.edu) and Debbie Liberi | 556-6419 | [liberid@ucmail.uc.edu](mailto:liberid@ucmail.uc.edu)

For Registration and Conference Logistics:

Katy Roberto Marston | 558-1818 | [event.services@uc.edu](mailto:event.services@uc.edu)

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