

CINTACS



Newsletter of the Cincinnati Section of the American Chemical Society

February, 2009
Vol. 46, No. 5

Meeting Calendar

- Feb. 11 Chemist & Research Associate of the Year @ Miami University
- Mar. 11 S. Corriher, Food Chemist Joint with Dayton section @ Sharonville Convention Center
- Apr. 15 Education Awards Night @ Northern Kentucky U.
- May [?] Party Night Riverboat cruise or Reds ballgame

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February Monthly Meeting Wednesday, February 11, 2009 Chemist & Research Associate of the Year

**Miami University
Marcum Conference Center (MCC)
Oxford, Ohio**

Sponsored by Procter & Gamble

Program

- 6:00 — 7:00 pm Miami University, Room MCC-112
Registration and Social Hour:
Open Beer, Wine and Soft Drink Bar
- 7:00 — 8:00 pm Buffet Dinner: Room MCC-180-6
Chicken & Andouille Sausage Gumbo
Mixed Greens with Creole Mustard Red
Pepper Vinagrette
Fresh Baked Rolls
Blackened Chicken with Remoulade Sauce
Carved Beef Tenderloin with Sauce Robert
Red Beans & Rice
Oven Roasted Potatoes
Maque Choux
Seasonal Vegetables
Pecan Pie & Bananas Foster Cheesecake
Coffee, Tea & Decaf.
- \$25.00 (\$15.00 students, emeritus, unemployed and new members)
- 8:00 — 9:00 pm Meeting and Lecture

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THE CINTACS NEWSLETTER**Vol. 46, No. 45 February, 2009**

Editor.....Kevin Ashley
 Advertising.....Ed Hunter

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 February 10 for the March 2009 issue. Electronic submission is strongly preferred. All materials should be sent to:

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From the Chair

Nearly one hundred people registered for the January 14th meeting with Sara Risch that was held at Givaudan Flavors. We are hoping that it won't 'snow' on our parade this winter.

The February 11th meeting honors the Cincinnati Chemist of the Year and the Research Associate of the year. The meeting and award program will be held at Miami University, Oxford. Thanks to our meeting sponsor Procter & Gamble Company and to Jim Hershberger (Miami U.) for making the meeting arrangements.

Also on February 11th, the Chemical Educators' Discussion Group will hold their February meeting at the Cincinnati Observatory from 6:30 PM to 8:30 PM. Check your CINTACS (p. 4) and/or the section's website for details.

This is the time of year when we identify candidates for local section officers and for some Executive Committee and other positions. The positions available include: 1st Vice-chair (Chair Elect), 2nd Vice-chair, Secretary, Treasurer, Trustee (by succession), Counselor, Alternate Counselor, and Auditor. If you are interested in running for any of these positions, please contact John Janusz (johnmjanusz@gmail.com), our Nominating Committee Chair.

On March 11th we welcome Shirley Corriher (my favorite food scientist and cook) to our Section meeting. The meeting will be held at the Sharonville Convention Center jointly with the Dayton Section. We encourage non-members and spouses to attend our meetings.

Be sure and come to our February 11th Awards meeting (It's much warmer at Miami this time of the year).

- Roger Parker



(Continued from first page)

**February Monthly Meeting
Chemist of the Year
Research Associate of the Year**

Sponsored by Procter & Gamble

**Wednesday, February 11, 2009 @ Miami University
Oxford, Ohio**

Please Register Online at www.acscincinnati.org. Alternatively, you may email the webmaster at webmaster@acscincinnati.org to register, or call Roger Parker at 513.771.3613.

The deadline for reservations is 12:00 noon on Friday, Feb. 6.

Directions to Marcum Conference Center at Miami University in Oxford, Ohio:

Take I-275 to U.S. 27 Exit (Colerain Ave.): Follow U.S. 27 North to Oxford (~20 miles).

US 27 turns into Patterson Ave. when you enter Oxford.

Continue to stop sign at corner of Patterson Ave. & High Street.

Go forward through intersection approximately one block.

A white sign will point you to the Marcum Conference Center (to the right). Plenty of parking is available behind the conference center.

www.hdg.muohio.edu/marcum/?showme=Directions.htm (detailed directions)

www.miami.muohio.edu/about_miami/virtual_tour/campusmap/pdfs/MU_CampusMap_0708.pdf (Miami U. campus map)



Dr. Patrick Limbach
University of Cincinnati
2009 Cincinnati Chemist of the Year



Ms. Sally Stoll
US Environmental Protection Agency
2009 Cincinnati Research Associate of the Year

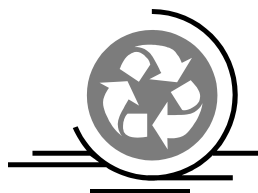
2009 Cincinnati Research Associate of the Year

Ms. Sally Stoll

Sally is currently employed by the U.S. Environmental Protection Agency as a technician/project manager responsible for reviewing and editing scientific articles and agency documents. Prior to working at EPA, Sally did histological research at Childrens Hospital and organic synthesis at P&G. And, as an RA at P&G she also did extensive work with animals ranging from diet design to detailed pathological studies.

Sally received her B.S. degree in Natural Sciences from U.C. in 1991, followed by an Associate Degree in Chemical Technology in 1979 and a Certificate in Editing in 2006. While at UC she received scholarship aid and was elected to Tau Alpha Pi and Alpha Sigma Kappa honor societies.

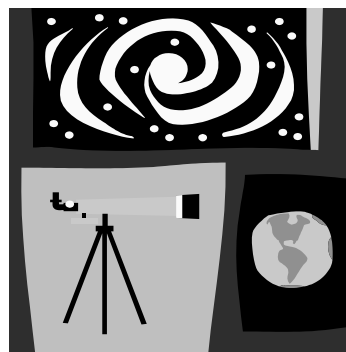
Apart from work Sally has been very active in community affairs. She serves annually as a science fair judge at Walnut Hills HS and has tutored chemistry students at UC (OCAS) and served as a UC Diversity Council Member. She also served as an Assistant Coordinator and Mentor in their Research Apprenticeship Program. As an animal lover Sally has helped to organize Trap-Neuter-Return (TNR) projects to control feral cat colonies.



Star Gaze with the Educators

The Chemical Educators' Discussion Group will hold their February meeting at the Cincinnati Observatory. We will gather on February 11th at 6:30 PM for light refreshments and then enjoy programming from 7 to 8:30 PM. Frank Huss will guide us through a wonderful evening of telescope viewing—skies permitting - and Cosmo Chemistry. This will be a joint meeting with the physics teacher group (AAPT). You are encouraged to invite colleagues who teach astronomy at your school or in your district. You may also bring your own school-age children to this gathering.

Visit the observatory's website at www.cincinnatiobservatory.org for directions and information about this historic and active scientific institution. Direct your questions and comments to the group chair, Linda Ford, at Linda.ford@7hills.org.



Visit the ACS Cincinnati Section On-line:

www.acscincinnati.org

2009 Cincinnati Chemist of the Year:

Dr. Patrick Limbach

Dr. Patrick A. Limbach received his B.S. in Chemistry and Chemical Physics from Centre College, his Ph.D from The Ohio State University studying under Prof. Alan G. Marshall and served as a postdoc with Prof. James A McCloskey at the University of Utah. He accepted his first faculty position at Louisiana State University in 1995 and moved to the Department of Chemistry at the University of Cincinnati in 2001, where he is an Ohio Eminent Scholar and serves as the Department Head. His research program concentrates on the development of new mass spectrometry-based approaches for the large-scale characterization of non-protein coding RNAs and the structural study of ribonucleoprotein complexes focused on the biological events associated with protein translation. Recently, his lab has developed a new approach to identify small RNAs from whole cell lysates, and his lab has now extended this approach to provide quantitative information on RNA expression levels including changes to post-transcriptional modifications. Currently, his lab is investigating the effects of stress on RNA modification patterns, RNA expression levels, and the intervening ribonucleoprotein complexes involved in RNA modification. To accomplish these goals, his lab is investigating the use of new ion dissociation approaches for sequencing modified RNAs and modified proteins as well as the advantages of accurate mass measurements to identify in vitro and in vivo cross-linked ribonucleoprotein complexes. He has received several honors and recognitions including, most recently, the Sigma Xi Research Award and selection as a Fellow of the Graduate School at UC.

Call for Nominations: Teacher of the Year Awards

Please nominate outstanding area educators for High School Chemistry Teacher of the Year, Middle School/Junior High School Science Teacher of the Year, or 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. Due by **February 13, 2009**.

Nomination materials should be sent to:

Jeff Seeley, Ph.D.

seeley.ja@pg.com

or

11511 Reed Hartman Hwy

Cincinnati, OH 45241

Call for Nominations: Outstanding Service Award

Nominations will be accepted for the Cincinnati Section Outstanding Service Award until **March 15, 2009**. The nominee should have performed an extraordinary service to the Cincinnati Section. The nominator should be a member of the Section. A complete nomination consists of a letter written by the nominator detailing the reasons the nominee is deserving of the award, and at least one supporting letter by another member of the Section, may include nominee's CV.

Nomination materials should be sent to:

Jeff Seeley, Ph.D.

seeley.ja@pg.com

SPONSORS FOR MONTHLY ACS CINCINNATI SEC- TION MEETINGS IN THE 2008- 2009 PROGRAM YEAR

Each of these individuals, universities, companies, and departments listed below have agreed to sponsor one monthly meeting with a donation of \$1000 in cash or IN KIND services or facilities to defray the costs of holding a meeting:

September:
(no sponsor sought)

October:
Chemistry Department
University of Cincinnati

November:
(no meeting)

December:
Xavier University
Chemistry Department

January:
Givaudan Flavors
(with additional contribution from Iota Sigma Pi)

February:
Procter & Gamble Company

March:
Advanced Testing Laboratory

April:
Girindus America, Inc.

May:
Dr. Milton Orchin

[There may be shifts in Sponsor/Date assignments.]

The Cincinnati Section and its members are extremely grateful to these individuals and companies and recognize that the quality of our programs is improved by this financial support.

Ted J. Logan, Chair
Committee on Solicitations and Sponsorships
tjlogancin@aol.com

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2008 NATIONAL CHEMISTRY WEEK

“HAVING A BALL WITH CHEMISTRY” POSTER CONTEST WINNERS

As a part of National Chemistry Week that was held in October 2008, 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 the contest was based on “**Having a Ball with Chemistry.**” The poster was to be fun, motivational and inspire students to discover the connections between chemistry and sports.

One winner was selected for each grade category (K-2nd grade, 3rd- 5th grade, 6th-8th grade, and 9th-12th grade) for the section. The judging criteria was based upon artistic merit, the message, originality, and neatness. The winners are as follows:

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 15, 2009, at the Northern Kentucky University. Their teacher will be contacted with further details.

<i>Category</i>	<i>K-2nd Grade</i>	<i>3rd-5th Grade</i>	<i>6th-8th Grade</i>	<i>9th-12th Grade</i>
<i>1st Place Winners</i>	Aryah Dale	Alyssa Riegsecker	Anthony Ledgyard	Lauren Meister
<i>Grade</i>	Kindergarten	5th Grade	7th Grade	10th Grade
<i>Represented School</i>	Phoenix Community Learning Ctr.	Taylor Mill Elementary	North College Hill Jr./Sr. High School	Summit Country Day School
<i>Teacher</i>	Mrs. Means	Mrs. Muzny	Ms. Webb	Mr. Escudero
<i>Location</i>	Cincinnati	Covington	North College Hill	Cincinnati

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. Unfortunately, our section did not have a national winner this year.

Due to the overwhelming response of posters submitted to the local section, we would also like to recognize selected posters for honorable mention. They will receive a certificate in the mail to their respective school in April 2009. The students are:

Vedha Rastogi; Kindergarten (Mason Early Childhood Center, Mason, OH)

Zoe Rains; 4th grade; Mrs. Cephess (CHCA Otto Armleder Memorial Education Center, Cincinnati, OH)

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Landon Webb; 5th grade; Ms. Dunlap (Taylor Mill Elementary, Covington, KY)

Nigel Luke; 8th grade; Ms. Webb (North College Hill Jr./Sr. High School, North College Hill, OH)

Katie Martin, 10th grade; Ms. Goines (Archbishop McNicholas High School, Mount Washington, OH)

Mary Kate Greenwood; 11th grade; Ms. Kardenbrock (Villa Madonna Academy, Villa Hills, KY)

Shelby Jones; 11th grade; Mr. Becker (Madeira High School, Madeira, OH)

Catherine Paquette; 11th grade; Ms. Goines (Archbishop McNicholas High School, Mount Washington, OH)

Vincent Schlagbaum; 11th grade; Mr. Becker (Madeira High School, Madeira, OH)

Parents, Educators: 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, Contest Committee Chair

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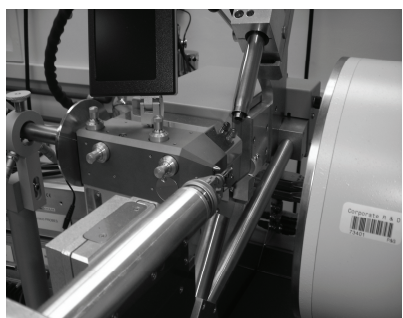
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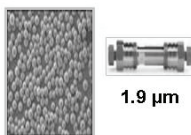
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