

CINTACS



Newsletter of the Cincinnati Section of the American Chemical Society

Sept. 2005
Vol. 43, No. 1

Meeting Calendar

Sept. 18	Section Picnic at Germania Park
Oct. 14	Oesper Banquet at University of Cincinnati
Dec. 7	Elsa Reichmanis at Xavier University
Jan. 18	Bill Dean at Netherland Plaza Hotel
Feb. 15	Chemist of the Year location TBA
Mar. 15	Bill Jensen at Golden Lamb Inn Joint with Dayton Section
Apr. 19	High School Awards at Northern Kentucky U.
May	Party Night TBA

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and much more	

PLEASE join us for the Section's
first "meeting" of the 2005-2006 session

2ND ANNUAL FAMILY AND FRIENDS PICNIC

at Germania Park

1-5 PM

Sunday, September 18, 2005

Activities and Entertainment will include live music, chemistry trivia questions, a chemistry crossword puzzle, chemical demonstrations, and lots of other chemistry-related games and activities for everyone. Plus, you can find out about the section activities, committees, and discussion groups for the year.

Germania Park has a playground for children as well as playing fields for various sports. Equipment for softball, basketball, volleyball, and horseshoes will be available. The park is conveniently located in a scenic rural setting and has a covered pavilion. The picnic is on rain or shine.

Registration: 1:00- 2:00 pm

Food/Potluck

- The section will provide grilled hot dogs, hamburgers, chicken, and bratwursts as well as condiments and drinks (beer, soft drinks, and juice boxes).
- Attendees are cordially requested to bring some food. Last names A – M please bring a side dish or salad for 6 and N-Z a dessert for 6.

Food will be served at 2 pm.

(Continued on page 3)

THE CINTACS NEWSLETTER**Vol. 43, No. 1 September, 2005**

Editor.....Bruce S. Ault
 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 October 17 for the December, 2005 issue. Electronic submission is strongly preferred. All materials should be sent to:

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from the Chair

Welcome to a new year of the Cincinnati Section. We are one of 189 local sections of the American Chemical Society, with 1700 members, classified as one of the "large" sections. As stated by the ACS, "Local Sections enable members to communicate and interact with other chemists in their areas, participate in programs that will enhance their professional development, and contribute to the public understanding of chemistry in their communities".

To carry out this charge, the section needs members to serve as elected officers, and appointed committee chairs. We have 19 officers, locally and at the national level, and 41 committee chairs, with some doing double duty, there are 47 individuals. For this year, there are some additional positions, the Women Chemists Committee has been reactivated, we again have a Section Historian, and a new committee, Minority Affairs, has been formed. I thank all the officers and the chairs for their willingness to serve. Many of them are continuing in their positions, some are new, and all are committed to the section's success. I especially would like to state how grateful I am to Joel Shulman and Phil Christenson, the two past chairs for all the help they have given since my election as Chair-Elect.

Yes, the section could not exist without the officers and the committee chairs, but we need volunteers to make it work. We need volunteers to serve on committees, to participate in National Chemistry Week activities in the Fall and Earth Day activities in the Spring. I urge all members to get involved and contact the officers and committee chairs in their area of interest. The lists of officers and committee chairs are already on the section's website (<http://www.che.uc.edu/acs/>). Additionally, this issue has the officers list and the October issue will have the chairs list.

This year, the NCW is earlier than usual, October 16-22, 2005 and the theme is "Joys of Toys," please contact NCW/ED Committee Chair Victor Arredondo to volunteer (arredondo.vm@pg.com).

I have used the membership survey results and help from past chairs of the section to come up with a program that I believe will serve the membership well. Some highlights include the informal 2nd Annual September Picnic, the January Meeting at the Netherland Plaza Hotel on Forensic Chemistry, and the March Meeting, jointly with the Dayton Section, at the Golden Lamb Inn on the History of Chemistry. Meetings are where we can interact socially and professionally. More of us should get together more regularly. **Please do come to the meetings and every time ask a different person, colleague, co-worker, friend or student to come with you.**

I look forward to the year ahead; let's make it a productive, beneficial, and fun year.

Emel Yakali

Cost

- \$ 10 member individuals or \$15 members with family.
- \$5 member retirees, first time non-members, K-12 teachers, and students or \$10 for same with family.

Reservations – Deadline Monday September 12, 2005 Noon

- The meeting reservation form is online at <http://www.che.uc.edu/acs/cinacs.html>. This is the best and easiest way to register. As a last resort, you may send your reservations by e-mail to kim.carey@uc.edu. If it is impossible to make your reservation via the internet, call 513-556-0293; leave name, affiliation, a contact phone number, and state if you are in one of the half price categories.

When you register please indicate the number of adults and children attending

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

- From I-275 take the Colerain Avenue exit and go north on Colerain (Rt 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 (Rt 127) and go north about 0.8 miles. Turn left onto West Kemper Road. Germania Park is on the left after 1.6 miles.

Contact Joy Henderson at 513-948-2359, accincinnati@yahoo.com for additional information.

P&G's Ivorydale Technical Center to be Dedicated Historic Landmark

Last year, the Section in cooperation with Procter & Gamble nominated P&G's Ivorydale Technical Center (ITC) to be dedicated a National Historic Chemical Landmark by the American Chemical Society. ITC was the site where the first synthetic laundry detergent, Dreft, and the first synthetic heavy duty laundry detergent, Tide, were formulated. The nomination was approved in June. ITC will join the ranks of other historic landmarks such as Joseph Priestly's home, DuPont's Seaford Nylon Plant, Gilman Hall, and the Lawrence Berkeley National Laboratory. A dedication ceremony is planned for sometime in October, 2006, in conjunction with the 60th anniversary of the introduction of Tide. Stay tuned for additional information about this historic event as the dedication date approaches.

**Visit the
Section's Home Page**

<http://www.che.uc.edu/acs>

Meeting Announcement

Innovation: The Engine for Growth
November 2-4, 2005, Cincinnati, OH

Join a select group of chemical industry leaders, from companies including Air Products, DuPont, Rohm and Haas, Praxair, Dow, Honeywell, and Arkema, as they discuss why innovation is a necessity and not a luxury. With your peers you will investigate the forms innovation can take and the metrics to measure it. Over the course of this meeting you will examine innovation success stories. You will discuss innovation inside and outside the organization, consider domestic and international possibilities, and weigh options that exist both upstream and downstream in the supply chain.

Conference chair
Louis Hegedus, Senior VP &&D, Arkema, Inc.

Conference registration includes complimentary attendance at the collocated AIChE Meeting. Visit www.aiche.org/conferences/management for more information.

Co-sponsored by AIChE and ACS.

Story Wins the Section's "Outstanding Service Award"

Gloria's numerous contributions to the local ACS have garnered national recognition and awards. Anyone who knows Gloria even slightly - knows the passion and the infectious enthusiasm she brings to any endeavor. It was this passion, and a lot of hard work, that helped propel the Cincinnati ACS to be recognized for its outstanding National Chemistry Week programs. Gloria's capable leadership as chair of the National Chemistry Week committee (2001-2003), led to 4 "ChemLuminary Awards" from the National ACS.

The National Chemistry Week "Chemistry Keeps Us Clean" themed activities of the Cincinnati section won Best Program and Best Public Relations Awards in 2002. In 2003, the section again received an award for Best Public Relations Program. In 2004, the section received an award for Outstanding

Industrial Involvement. The "Outstanding Service Award" is not the first time Gloria was recognized by the Cincinnati ACS. In 1997 she received their "Chemical Technician of the Year" award recognizing her technical mastery.

More About Gloria: In 1981, Gloria received an A.S. from the University of Cincinnati, and was hired that year as a Chemistry Technician in P&G's Packaged Soap Division at Ivorydale Technical Center. Advancing in her technical career, Gloria achieved the Principal Researcher level. She currently works in the Optical Spectroscopy Lab at Miami Valley specializing in Infrared Spectroscopy and Imaging. She received the Global Analytical Community of Practice Recognition Award in 2001, and received 100 Recognition Shares in 2005 for her work in spreading the use of thermography across Global Business Units. Outside of her P&G and ACS activities, Gloria is also a devoted mother of one son (Michael). She enjoys volunteer work as a "Chemistry Magician" in a program, sponsored by PhD Recruiting (MVIC) and designed to promote Minority Careers in Math, Science & Engineering for local 5th grade students. Gloria

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Chemical Educators: Back in the Swing!

The glorious summer has ended, and its time for all chemical educators to gather for their first discussion group meeting to share all of the great activities, laboratory experiences, and chemical content that they accumulated through summer workshops, classes, and conferences. Invite friends and new colleagues to come with you! We will meet in Aimee Hansen's classroom at Mason High School on Thursday, September 22. The meeting will begin with a social time and light refreshments at 6:30 PM. Announcements will be made at 7 PM and then the sharing will begin. We want to focus on inquiry and hands-on activities. If you plan to share, please do three things. First, limit your presentation to ten minutes so we can pack plenty in. Secondly, plan to bring detailed handouts for your activity so that teachers do not have much guesswork before implementation. Finally, contact Linda Ford (Linda.ford@7hills.org) to express your intent to present. That helps Linda to keep the meeting on an even flow; we do want to end at 9 PM on a school night!

Linda has been working this summer on short environmental science movies for her new course. She would be glad to share these with other teachers. So far she has one on the first Ohio wind farm in Bowling Green, one on a tour of the Rumpke landfill, one on the geology revealed in a limestone quarry, and finally one on a family that converted their diesel car to run on used vegetable oil. She can preview one at the meeting; DVD's can be burned on request.

Directions to Mason HS:

From I-75: Take Tylersville exit (#22). Go east for 4 miles and turn left on Mason-Montgomery Rd. You will see the middle school on your right; drive past and then turn right into the next drive. The high school will be on your left. Enter the parking lot and park on the side facing the middle school and the football field. The classroom is number A213 and is located up the stairs, through the double doors on the right. Aimee will post signs to help you find your way.

From I-71: Take the Mason-Montgomery Rd. exit (#19) toward Fields Ertel Rd. Go north from exit onto Mason-Montgomery Rd. and drive by Lowes,

Kroger, Panera, etc. Travel about 3 miles. Once you pass Tylersville, you will see the middle school and then follow the directions listed above.

The address of the school is 6100 S. Mason-Montgomery Rd. Call Aimee's classroom at 398-5025 ext. 31213 if you need further help.

Cincinnati Chemists Visit Congressional Delegations

Members of the ACS Cincinnati Local Section continued their yearly tradition of reaching out to legislators during the July 4 congressional recess. This year the group highlighted the importance of math and science education. Specifically, the group discussed the importance of the Math and Science Partnership programs at the National Science Foundation and Department of Education. The group also discussed issues related to undergraduate math and science education.

The participants met with staff members from the offices of Representative Geoff Davis (R-KY), Senator Jim Bunning (R-KY), Senator Mitch McConnell (R-KY), and Senator George Voinovich (R-OH). While not committing to the ACS funding request for the partnership programs, the legislative staff agreed that having a strong foundation in math and science education is critically important for their state and the entire nation.

Making the visits this year were Diane Grob Schmidt of Procter & Gamble and the ACS Board of Directors; Joel Shulman of the University of Cincinnati and Chair of the Section's Government Relations Committee; and Diana McGill, Chair of the Northern Kentucky University Department of Chemistry.

HIST Plans Certificate of Appreciation Award Presentation

The Division of the History of Chemistry

(Continued on page 12)



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The expenses associated with our monthly meetings run between \$1000 and \$2000 each. These include Social Hour, audiovisual equipment, room rental, speaker's travel, lodging, and food, and discounted meal tickets for students, teachers, retirees, and other guests. In order to defray these costs we implemented this program which is based on finding corporate, academic, or individual sponsors for specific meetings. We then use the sponsorship funds to broaden the geographic pool of speakers leading to better talks. We also can invite more guests to the meetings for overall increased attendance. This program, now three years old, has lived up to its promise of improving the quality of our programs and increasing meeting attendance. Thus we are again soliciting sponsors for each of the eight monthly meetings of the 2005-2006 program year.

To be a meeting sponsor requires a minimum contribution of \$1000 in cash or in-kind services for a particular meeting. In return a sponsor is highlighted in that particular issue of CINTACS, is listed in all 8 issues of the year and is recognized at the sponsored meeting. You probably noted last year that we had academic institutions, corporations, and active and retired individuals as sponsors. We plan to solicit the same groups beginning now and hope to have a complete list of sponsors for all meetings in the program year before the first one in September.

Those Section members fortunate enough to hold appreciated stock, can find a sizable tax advantage in meeting the monetary requirement through donated stocks, and I can provide further details to anyone interested in this approach.

Isn't it a good time to consider giving something back to the Section in the form of a meeting sponsorship, knowing that it will improve the quality of programs and attendance and better serve our membership in many ways? Please contact me if you have any interest in sponsorship and, of course, I will be writing many letters to solicit sponsors for the new program year.

Ted J. Logan, CHAIR
Section Meeting Sponsorship Solicitation
e-mail: TJLOGANCIN@AOL.COM

2005 Oesper Banquet and Symposium:

call for Student Poster Contributions

The 2005 Oesper Banquet and Symposium will be held Oct. 14 and 15 at the University of Cincinnati. The Oesper awardee this year is Dr. V. Adrian Parsegian from the National Institutes of Health. The banquet Friday evening, Oct. 14, will feature a Student Poster Session before the dinner and presentation. All students in the Section, and beyond, are encouraged to submit posters for this event. The deadline for abstracts is **Friday, October 7, 2005**. Abstracts must include:

Title (in bold)

Author(s) & affiliation(s)

Font: Times New Roman 12 pt

Posters must fit on two 3'x 3' panels

Electronic submission is preferred (Word file).

Please send abstracts to Nebojsa Pantelic (panteln@email.uc.edu) who is in charge of the poster session. It is important to note that a limited amount of space is available.

NOTE: You do NOT have to attend the banquet to participate in the poster session. The poster session is open to anyone who wishes to participate; however, space is limited. Please register your poster early.

The symposium on Saturday, Oct. 15 will feature a number of outstanding scientists working in biophysical chemistry and related areas. Details on the symposium, as well as all Oesper events, can be found at: <http://www.che.uc.edu/oesper/>

Visit the
Section's Home Page

<http://www.che.uc.edu/acs>

High School Teachers Visit Rozzi Fireworks



left: Don, the head chemist for Rozzi's Famous Fireworks, shows a "blue stars and fishes" shell to visiting teachers.

right: Dave Bezanson from Ryle HS and Ed Kentrup from Colerain HS examine how the shell is packed.



left: Colleen Epperson from Fairfield HS holds the finished shell.

right: Jean Paddock from Seven Hills School examines a "screamer" cell. Phenols such as salicylic acid are burned to create the high pitched scream in a firework.



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Call for Nominations: Citation for Chemical Breakthroughs Award

The Division of History of Chemistry (HIST) of the American Chemical Society solicits nominations for its new award program, Citation for Chemical Breakthroughs. This award recognizes breakthrough publications and patents worldwide in the field of chemistry.

The term "breakthrough" refers to advances in chemistry that have been revolutionary in concept, broad in scope, and long-term in impact. Plaques, to be placed near the office or laboratory where the breakthroughs were achieved, will be presented annually to the departments and institutions at which these breakthroughs occurred. All nominations must be received by October 1, 2005.

Information can be found on the HIST website, under the heading "Divisional Awards": <http://www.scs.uiuc.edu/~mainzv/HIST/> or write to: hist_ccb@yahoo.com.

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(Continued from page 5)

(HIST) of the American Chemical Society will present its Certificate of Appreciation award to Chemical & Engineering News at the ACS National Meeting in Washington, D.C. on August 29, 2005. Chemical & Engineering News, the flagship newsmagazine of the ACS, was honored for continuously placing current events within their historical contexts; for feature articles that discuss the history of science; and for special "dedicated issues" honoring the history of chemistry. Rudy Baum, Editor-in-Chief, will lecture on "Finding the Historical Perspective in New of the Chemical Enterprise". In congratulating C&EN, Jeffrey Seeman, Chair of HIST, said, "The entire chemical profession has benefited tremendously from the educational, informative and entertaining qualities of C&EN. HIST is very proud to join publicly in this recognition."

(Continued from page 4)

also takes her chemistry magic on the road, giving shows and conducting career discussions with students. Her chemistry outreach volunteerism has positively impacted thousands of area students introducing them to the field of chemistry. Gloria is an

adjunct professor at Cincinnati State, where she provides an industrial view of spectroscopy to college level students. She is also interested in getting more involved in the Challenger Learning Center (iSPACE) that will be built at the Diamond/Scarlet Oaks facility near Sharonville.

Congratulations Gloria!



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National Chemistry Week: "The Joy of Toys"

All individuals dedicated to enhancing the public's awareness of the contributions of chemistry are invited to support National Chemistry Week (NCW), October 16-22. The 2005 theme is "The Joy of Toys" The annual NCW celebration unites ACS local sections, industries, schools, and individuals in communicating the importance of chemistry to the quality of life. Volunteers are needed for the following NCW assignments:

1. Event Coordinator
2. Volunteer recruiter
3. Activities coordinator
4. Industrial interaction coordinator
5. Safety officer

6. Refreshments coordinator
7. Financial advisor
8. Publicity coordinator (could be designated Public Relations chair)

If you are interested in volunteering, please call Victor Arredondo at (513-626-0242). For more information about NCW, please visit chemistry.org/ncw.

If you will be attending the 230th ACS National Meeting in Washington, DC, visit the members of the Committee on Community Activities and the Office of Community Activities at booth #1019 at the DC Convention Center, Monday and Tuesday, Aug. 29 and Aug. 30, from 9 a.m.-5 p.m. and Wednesday, Aug. 31, from 9 a.m.-1 p.m. There will be a community outreach workshop on Monday, Aug. 29 from 1 – 3:30 p.m. in the Ashlawn North room of the Wyndham Hotel.



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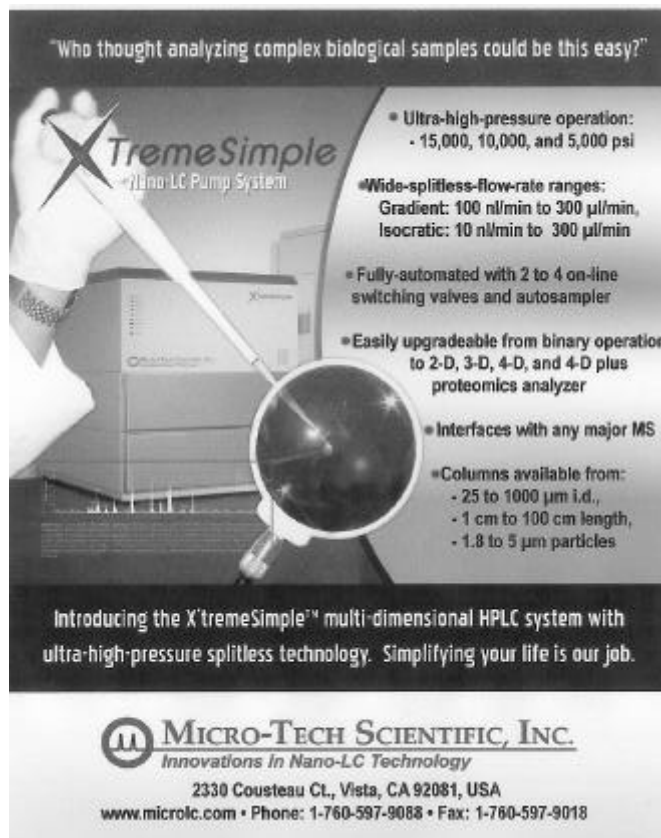
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2004 ACS Annual Report

The ACS Office of Communications has announced the release of the 2004 ACS Annual Report. Members are invited to view the enhanced web edition of the report online at <http://chemistry.org/acsannualreport>. The enhanced web version of the report includes embedded links to the web sites of various Society programs, along with additional highlights of the Society's operational divisions.

In their combined officers' message for the report, ACS Board Chair Jim Burke, 2004 President Chuck Casey, and Executive Director & CEO Madeleine Jacobs write: "By their very nature, annual reports are a chance for reflection; an opportunity to look in the rearview mirror and assess how well we navigated the twists and turns and unexpected bumps in the highway over the past 12 months. But they also offer an opportunity to look ahead. Our 2004 annual report does both – it's a review, but with an eye toward the future."

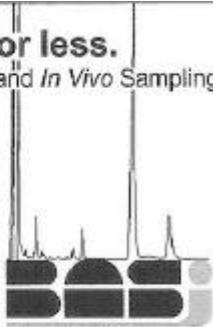
This year's report, "Crossing Boundaries, Crossing Disciplines," focuses attention on the truly multidisciplinary nature of the chemical sciences. The report also spotlights four specific ACS programs that directly affect the lives of many individuals – ACS Scholars, Project SEED, Teacher Training, and the ACS Green Chemistry Institute.

Please take this opportunity to browse through the report and perhaps even share it with colleagues, relatives, friends and neighbors. It's a great way to provide them with some insight into what it means to belong to the world's largest scientific society.

The Office of Communications welcomes your questions, comments and feedback at annualreport@acs.org. Members may also request a printed copy of the 2004 ACS Annual Report by sending an email to annualreport@acs.org.

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