

CINTACS



Newsletter of the Cincinnati Section of the American Chemical Society

September, 2006
Vol. 44, No. 1

Meeting Calendar

Sept. 24	Family/Friends Picnic Germania Park
Oct. 27	Oesper Award Banquet University of Cincinnati
Dec. 14	Dr. O'Dell Owens, Hamilton Country Coroner Xavier University Joint with NOBBChE
Jan. 18	Dr. Glenn Storrs Cincinnati Museum Center
Feb. 15	Chemist of the Year Givaudan Flavors
Mar. 14	Shirley Corriher Beckett Ridge CC (joint w. Dayton Section)
Apr. 19	M. Sarquis/L. Hogue Teachers Night Northern Kentucky U.
May. 23	Party Night

In this issue

From the Chair	2
Oesper Poster Session Invite	3
Legislative Action Network	3
Chemical Educators	4
National Chemistry Week	4
Project SEED	5
Zare to Receive Oesper Award	6
CERMACS 2007	7
Executive/Auditing Committees	8
Younger Chemists Committee	11
Meeting Sponsors	11
Chemical Information Group	12
and more.....	

PLEASE join us for the Section's
first "meeting" of the 2006-2007 session

3RD ANNUAL FAMILY AND FRIENDS PICNIC At Germania Park Sunday, September 24, 2006, 1-5 PM

Activities and Entertainment will include live music, chemistry trivia questions, a chemistry crossword puzzle, "DOOR" PRIZES, chemical demonstrations, and 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 field for various sports. 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 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.

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

The meeting reservation form is online at <http://www.che.uc.edu/acs/cinacs.html>. This is the best and easiest way to register.

(Continued on page 3)

THE CINTACS NEWSLETTER**Vol. 44, No. 1 September, 2006**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 September 14 for the October, 2006 issue. Electronic submission is strongly preferred. All materials should be sent to:

Dr. Bruce Ault
Department of Chemistry
University of Cincinnati
Cincinnati, OH 45221-0172
Telephone:(513) 556-9238
FAX: (513) 556-9239
E-mail: bruce.ault@uc.edu

Cincinnati SectionChair:

George Rizzi
513-761-0816
geogerizzi@yahoo.com

1st Vice Chair:

John Janusz
513-622-3803
Janusz.jm@pg.com

2nd Vice Chair:

Joy Henderson
513-948-2359
accincinnati@yahoo.com

Secretary:

Susan Hershberger
513-727-3438
hershbs@muohio.edu

Treasurer:

Elizabeth Reno
(513) 622-1346
reno.ea@pg.com

Councilors:

Roger Parker (12/31/09)
513-771-3613
parker.r@fuse.net

Bill Oliver (12/31/08)
859-572-5409
oliver@nku.edu

Bruce Ault (12/31/07)
513-556-9238
bruce.ault@uc.edu

Kathy Gibboney (12/31/07)
513-622-2289
gibboney.k@pg.com

From the Chair

As I assumed my new role as Chair I was recently reminded of the extent to which our Section is benefiting the community at large. Witness the fact that the Cincinnati Local Section has just been selected as a finalist to receive four (4) ChemLuminary Awards for its activities during 2005. A large part of these Award nominations is due to our extensive and continued activity during NCW and Earth Day. For this we owe Victor Arredondo and his many dedicated volunteers a great debt of gratitude. In addition, our Section was highlighted in a Silver Circle article in C&EN (July 24th issue) for our Retired Chemists Committee activities in Cincinnati Middle Schools. The Silver Circle is a name coined by former ACS President Eli Pearce to distinguish the Society's senior members because of their valuable experience and knowledge. I offer Kudos to Ralph Damico and his group for their chem.-demos in Winton Woods and Finneytown Elementary Schools that resulted in this recognition.

Fall promises to be an exciting time for our Section. We begin the year again with a Picnic; this year it's on Sept. 24th at Germania Park (details in this issue of CINTACS). For October, you should reserve the whole fourth week for chemistry. This is National Chemistry Week (Oct. 22-27) with its theme: "Your home, it's all built on chemistry" (details in future CINTACS). In addition to NCW activities, Wednesday, Oct. 25 is set aside for the Tide Landmark Celebration Day during which P&G's Ivorydale Technical Center will be dedicated as an ACS Chemical Historical Landmark (more details to be forthcoming in CINTACS). Then on Friday, Oct. 27th we will have our traditional Oesper Banquet and Poster Session at UC, followed by the Oesper Award Symposium on Saturday, the 28th.

One of my goals as Chair is to strengthen meeting attendance by gearing meeting programs in line with members' expressed interests and with subject matter of contemporary relevance. Also, on a more practical note (and with Trustees' approval) I hope to offer dinner meetings at lower prices than last year. I do hope you will continue to support the ACS with your attendance at meetings and also by considering to volunteer your talents in one of our many Committees. (Thanks in advance!)

See you at the Picnic on September 24th,

George Rizzi

**Visit the
Section's Home Page**

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

(Continued from page 1)

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. *The deadline for registration is Monday, Sept. 18. 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, acscincinnati@yahoo.com for additional information.

Oesper Banquet and Poster Session

Invitation to Participate in the Poster Session

The Department of Chemistry, University of Cincinnati and The American Chemical Society, Cincinnati Chapter Presents, The 26th Ralph & Helen Oesper Banquet, Poster Session & Symposium honoring Professor Richard N. Zare, Stanford University on October 27-28, 2006 at The Great Hall, Tangeman University Center, University of Cincinnati.

Abstracts are invited for the 26th Helen and Ralph Oesper Symposium Poster Session. The abstract should be single spaced, and can include 100 words or less, one figure and References. The deadline for submission of abstracts via e-mail is October 15th 2006. Please send your abstracts to Siva Muthukrishnan muthuks@uc.edu For more details about the symposium, banquet reservations, the poster session, model abstract, and other information log on to: <http://www.che.uc.edu/alumni/oesper/index.html>

“Become an Advocate for Science”

Joel Shulman
Chair, Government Relations Committee

These are interesting times for science in the U.S. In an atmosphere of ever-tightening budgets, President Bush has put forth an American Competitiveness Initiative (ACI) that, if authorized and appropriated by Congress at the proposed rate of \$136 billion (including \$50 billion in new funds) over the next ten years, will keep us at the forefront of science, especially the physical sciences.

The ACI comes at time of intense international investment in research. A recent study by the consulting firm Booz Allen Hamilton, Inc., (*The Wall Street Journal*, July 19, 2006) concludes that by the end of 2007, 31% of R&D employees world-wide will work in either China or India. This is up from 19% in 2004. Therefore, initiatives such as ACI are particularly vital if the U.S. is to retain its leadership in scientific research.

Chemistry will benefit tremendously from the ACI, if it is funded by Congress. Included in ACI are meaningful budget increases for most of the government agencies that fund and/or conduct chemical research: National Science Foundation, National Institute of Standards and Technology, Department of Defense, Department of Energy, and others.

The American Chemical Society has a long history of advocating for the funding of the sciences in general and chemistry in particular. The ACS Office of Legislative and Government Affairs (OLGA) produces public policy statements on such funding, helps educate Congress and their staff through periodic bipartisan briefings called “Science and the Congress,” and marshals members to communicate with their senators and representatives through the **ACS Legislative Action Network (LAN)**, a free national advocacy program that notifies ACS members of major issues of importance to chemistry.

As ACS President Ann Nalley has said, you too can “become an advocate for science” by joining LAN. There are already 11,000 ACS members who

(Continued on page 13)

What I Did on My Summer Vacation

The chemical educators' discussion group will meet on Monday evening, September 18th, at 7 PM for a sharing session. Many of us have had summer experiences and have collected new classroom activities and ideas. For example, at least eight teachers from the area attended the BCCE at Purdue University in early August. Now it is time to share the wealth! Please come and bring a colleague to Linda Ford's classroom at Seven Hills Upper School at 5400 Red Bank Road. If you plan to present or have questions about the group or meeting, contact Linda at Linda.ford@7hills.org or at 272-5360. Directions to the school and classroom are below.

IMPORTANT It is time to update our e-mail and slow mail address list! Please send Linda any changes in the chemical educator staffing at your school. Also let Linda know if one copy of the newsletter, *CINTACS*, from the Cincinnati Section of the American Chemical Society is arriving in your science department.

See you in September! Linda will be looking for teachers to host other meetings during the school year. Please consider volunteering to host.

Directions to Seven Hills School: Exit at the Red Bank Expressway from I71 and proceed east to the first traffic light. Turn right onto Duck Creek and proceed a short distance up a hill to the next traffic light. Turn right onto Old Red Bank Road. Travel a short distance and turn into a parking lot in front of the tennis courts just as you see the school building on your right. Park and look up toward the building. You will see a series of classroom doors facing the tennis courts, and Linda's will have a red balloon on it. Come on in for a great professional and social experience!

Visit the
Section's Home Page

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

National Chemistry Week 2006

"Your Home – It's All Built on Chemistry"

National Chemistry Week (NCW) is a community based program of the American Chemical Society (ACS). The mission of this annual event is to:

- communicate the importance of chemistry to our modern quality of life to the public, particularly elementary and secondary school children, and
- unite ACS local sections, businesses, schools and individuals on a achieving this goal

What do we do? We carry fun, educational chemistry demonstrations and hands on activities all over the Tri-State. The celebration dates for this year's NCW is October 22-28th, and planning is underway. I want to invite all interested chemistry practitioners (chemists, teachers, students) to join the Cincinnati ACS NCW volunteer team. There are many ways you can contribute to the NCW campaign: performing chemical demonstrations, conducting hands-on-activities with children, helping to plan/coordinate an event at a particular venue, writing articles or letters to local papers, etc.

The team also welcomes and appreciates any ideas for chemistry demos for this year's theme, so please share them with us. Contact Victor M. Arredondo, NCW chair, at arredondo.vm@pg.com, (513) 626-0242. Thank you, I look forward hearing from you!!

Mailing Address Updates

The CINTACS editor from time to time receives requests from Section members to change their mailing address for CINTACS. Unfortunately, we cannot do this locally. The mailing address information for CINTACS goes directly to our printers from ACS national, after which mailing labels are prepared. To change your address for CINTACS, you need to send ACS national your updated contact information. Fortunately, this is very easy to do. ACS members

(Continued on page 13)

Project SEED 2006

For the fourth summer in a row, the ACS Washington office, the Cincinnati Section of the ACS and an anonymous donor generously sponsored the Project SEED 2006 program. ACS Project SEED offers a unique opportunity for economically disadvantaged high school students to spend the summer conducting hands-on chemical research with scientists in a laboratory setting. Four students spent eight weeks at the University of Cincinnati and Xavier University working in a laboratory setting. The names of the students and their projects are:

- Jasmine McSears, Withrow University High School, worked with Rick Mullins at Xavier University on the development of synthetic routes towards the total synthesis of kalkitoxin, a fungal metabolite isolated from *Lyngbya majuscula*.
- Kyle Cavanaugh, Aiken High School, worked in the laboratory of Professor Anna Gudmundsdóttir synthesizing vinyl alkyl azides.
- Curtis Carr, Aiken High School, worked in the laboratory of Professor James Mack on the development of solvent free green technologies.
- Stephany Jones, Aiken High School, worked in the laboratory of Professor Suri Iyer on the synthesis of multivalent glycoconjugates for pathogen detection.



Professor Rick Mullins and Jasmine McSears
(SEED student)

All students had a productive summer and enjoyed the active learning environment. Curtis and

Kyle have decided to go to college. They will be joining UC in the Fall. Jasmine and Stephany are seniors and would like to return next year. Jasmine wants to apply Chemistry to art, perhaps combining the two majors when she attends college. Stephany is very interested in pursuing a M.D/ Ph.D program. Some quotes from the students.

"I feel privileged to have been a part of this program. Instead of learning about chemistry in a lecture setting, I got to see the actual research process occurring in action. I also got to see that the research process has as many failures as it does successes, but after the failures, the successes are that much more exciting. "

"I would recommend other students to participate in this experience."

"This is cool stuff. This is more exciting and important than working at Dominos."

"Thank you for selecting me and giving me this opportunity. I showed my Mom what I've been doing. She is very proud of me! "



Stephany Jones (SEED student) and Duane Hatch
(graduate student)

Dr. Bruce Ault interfaced the SEED program with the UC Department of Chemistry NSF-sponsored Research Experiences for Undergraduates (REU) Program, which provided for 11 undergraduate students from around the country to engage in Chemistry research at UC. At biweekly meetings, the SEED students were exposed to a variety of profession development topics, including employment opportunities, oral presentation skills, interviewing skills and reading & writing scientific papers. Special thanks go to Dr. Ault because the SEED students

(Continued on page 13)

Richard Zare to Receive 2006 Oesper Award

The Department of Chemistry at the University of Cincinnati, and the Cincinnati Section of the ACS will present the 2006 Oesper Award to Professor Richard Zare from Stanford University at the Oesper Banquet and Symposium October 27-28, 2006.



Professor Zare is renowned for his research in the area of laser chemistry, resulting in a greater understanding of chemical reactions at the molecular level. By experimental and theoretical studies he has made seminal contributions to our knowledge of molecular collision processes and contributed very significantly to solving a variety of problems in chemical analysis. His development of laser induced fluorescence as a method for studying reaction dynamics has been widely adopted in other laboratories.

Richard N. Zare is the Marguerite Blake Wilbur Professor in Natural Science and Chair of the Department of Chemistry, Stanford University. He was born on November 19, 1939 in Cleveland, Ohio, and is a graduate of Harvard University, where he received his B.A. degree in chemistry and physics in 1961 and his Ph.D. in chemical physics in 1964. In 1965 he became an assistant professor at the Massachusetts Institute of Technology, but moved to the University of Colorado in 1966. In 1969 he was appointed to a full professorship in the chemistry department at Columbia University, becoming the Higgins Professor of Natural Science in 1975. In 1977 he moved to Stanford University. This September he will become Chair of the Stanford Chemistry Department.

Professor Zare has won numerous research and teaching awards, and holds honorary degrees

(Continued on page 13)

CAREER SERVICES

Unemployed?
Need Resume Advice?
Seeking New Opportunities?
Looking for chemists?

FIND OUT WHAT ACS CAN DO FOR YOU!

For more information, visit the career services website at:

<http://www.che.uc.edu/acs/career.html>
or contact
acscincinnati@yahoo.com

“I never knew they were one of the nation's largest staffing companies. All I know is they were the right fit for me.”

We do more than just find you a job. Aerotek Scientific® partners with reputable companies to offer rewarding opportunities in the scientific field. Our Career Consultants will work with you to assess your needs and help choose the assignment that best fits your skills and preferences. Long term, short term, local or out-of-state... your choice is here at Aerotek.

Now hiring: Chemists, Scientists, Biologists, Lab Technicians, Clinical Professionals, and more.

For more information, contact:
Michelle Davin at 513.229.2078
or Erin Bethel at 513.229.2059

www.aerotek.com
Aerotek is an equal opportunity employer.
An Allegis Group Company © 2006



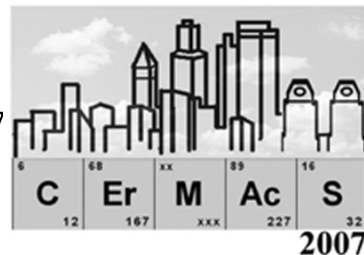
Central Regional Meeting of the American Chemical Society– CERMACS 2007

Hosted by the Cincinnati Section of the ACS



“Learn Today...
Influence Tomorrow”

May 20-23, 2007



Northern Kentucky Convention Center, Covington, KY

Plan now to attend this action packed meeting of science and fun!
Stay informed on the latest details, check our website at www.cermacs2007.org

Symposia & General Sessions & Events

- **Investigative Forensic Science** featuring **William Dean**, Chief of Forensic Sciences & his team at the **Hamilton County Coroner's Office**
 - **Chemical Education** featuring the “**Fantastic Four**” Science Guys---**Bassam Shakhshiri, David Katz, Al Hazari & John Fortman**
 - special presentation by **Dr. William Jensen**, **2005 International Edelstein Awardee**
 - “**Illuminating Molecules**” probing photochemistry & photophysics around the region
- | | |
|--|---|
| <ul style="list-style-type: none"> • Forensics in the Classroom • Chemistry of Obesity • Chiral Separations • Green Chemistry • Terahertz Spectroscopy • Inorganic/Organometallic Chemistry • Synthetic Organic Chemistry • Biological NMR • Metallomics • Opening Evening Reception • Vendor Exhibits | <ul style="list-style-type: none"> • Chemical & Biological Sensors • Phosphorus Chemistry • Flavor Chemistry • Toxins • Molecular Modeling • Mass Spectrometry • Undergraduate Research Program • Chemical Informatics • High Performance Liquid Chromatography • Small Business Seminar • Employment Clearinghouse |
|--|---|

Chemical Abstracts Service 100th Anniversary Celebration



Oral & Poster presentations from all areas of Chemistry are welcome

Contact the Program Chairs for more information:

Bobby Barnett 513-556-9230 bobby.barnett@uc.edu

Jeanette Krause 513-556-9226 jeanette.krause@uc.edu

Vendor & Exhibits information

Contact the Exposition Chairs (**MeasureNet Technology**)

Robert Voorhees 513-556-9297 robert.voorhees@uc.edu

Michael Kurutz 866-621-3427 kurutz@MeasureNet-Tech.com

Executive and Auditing Committees, Cincinnati Section American Chemical Society, 2006-2007

<u>Office</u>	<u>Name/Address</u>	<u>Contact Information</u>
<i>Chair</i>	Rizzi, George P. 542 Blossomhill Ln. Cincinnati, OH 45224	home: 513-761-0816 georgerizzi@yahoo.com
<i>1st Vice Chair & Chair Elect</i>	Janusz, John Procter & Gamble Pharmaceuticals 8700 Mason Montgomery Road Mason, OH 45040-8006	(513) 622-3803 (W) janusz.jm@pg.com
<i>2nd Vice Chair</i>	Henderson, Joy Givaudan Flavors 1199 Edison Drive Cincinnati, OH 45216	(513) 948-2359 (W) acscincinnati@yahoo.com
<i>Secretary</i>	Hershberger, Susan 222 Levey Hall Center for Chemistry Education Miami University Middletown Middletown, OH 45042	(513) 727-3438 hershbs@muohio.edu
<i>Treasurer</i>	Reno, Elizabeth Procter & Gamble Health Care Research 8700 Mason Montgomery Road Mason, OH 45040-0529	(513) 622-1346 (W) reno.ea@pg.com
<i>Auditor (6/09)</i>	Heimkreiter, Jamie Advanced Testing Laboratory 6954 Cornell Road Suite 200 Cincinnati, OH 45242	513-489-8447 jheimkre@advancedtesting.net
<i>Auditor (6/08)</i>	Mullins, Richard Xavier University Chemistry Dept. 3800 Victory Parkway Cincinnati, OH 45207-4221	work: 513-745-3361 mullinsr@xu.edu
<i>Auditor (6/07)</i>	Story, Gloria Procter and Gamble Co. PO Box 539707 Cincinnati, OH 45253-8707	work: 513-627-2840 story.gm@pg.com
<i>Trustee (6/09)</i>	Yakali, Emel Raymond Walters College Chemical Sciences RWC SAHB 371 9555 Plainfield Rd Cincinnati, OH 45236-1096	work: 513-745-5686 home: 513-793-8340 emel.yakali@uc.edu

<i>Trustee</i> (6/08)	Christenson, Phil Givaudan Flavors 1199 Edison Drive Cincinnati, OH 45216	work: 513-948-4942 fax: 513-948-3582 phil.christenson@ givaudan.com
<i>Trustee</i> (6/07) (Chair)	Shulman, Joel Department of Chemistry University of Cincinnati P.O. Box 210172 Cincinnati, OH 45221-0172	work: 513-556-9212 home: 513-522-7393 fax: 513-556-9239 joel.shulman@uc.edu
<i>Councilor</i> (12/09)	Parker, Roger 480 Meadowcrest Rd. Cincinnati, OH 45231	home: 513-771-3613 parkerr@fuse.net
<i>Councilor</i> (12/08)	Oliver, Bill Northern Kentucky University Dept. of Chemistry Highland Heights, KY41099-1905	home: 859-572-5711 oliver@nku.edu
<i>Councilor</i> (12/07)	Ault, Bruce University of Cincinnati Dept. of Chemistry, P.O. Box 210172 Cincinnati, OH 45221	work: 513-556-9238 fax: 513-556-9239 bruce.ault@uc.edu
<i>Councilor</i> (12/07)	Gibboney, Kathy Procter & Gamble Pharmaceuticals 8700 Mason-Montgomery Rd. Mason, OH 45040-8006	work: 513-622-2289 fax: 513-622-1433 gibboney.k@pg.com
<i>Alternate Councilor</i> (12/09)	Baldwin, Michael Department of Chemistry University of Cincinnati P.O. Box 210172 Cincinnati, OH 45221-0172	work: 513-556-9225 michael.baldwin@uc.edu
<i>Alternate Councilor</i> (12/08)	McLoughlin, Dan Chemistry Dept. Xavier University 3800 Victory Parkway Cincinnati, OH 45207-4221	work: 513-745-3352 fax: 513-745-2070 mcloughlin@xu.edu
<i>Alternate Councilor</i> (12/07)	D'Alonzo, Ray Miami Valley Innovation Center P.O. Box 538707 Cincinnati, OH 45253-8707	work: 513-622-1977 fax: 513-622-5325 dalonzo.rp@pg.com
<i>Alternate Councilor</i> (12/07)	Knittel, Jim College of Pharmacy University of Cincinnati 3223 Eden Ave Cincinnati, OH 45267-0004	work: 513-558-0733 fax: 513-558-0978 james.knittel@uc.edu

2006 Eastern Analytical Symposium and Exposition



November 13-16, 2006

Why Eastern Analytical Symposium This November?

- We are the second largest conference and exposition for laboratory science in the United States.
- We offer high quality cutting-edge technical sessions.
- We have state-of-the-art short courses, workshops and seminars.
- We showcase the latest innovations in scientific instrumentation and technology at our exposition.
- We have diversity and depth of interest.
- We are conveniently located just 30 minutes away from a major international airport.



Please visit us at our website for information on our programs and registration.

www.eas.org • askeas@aol.com



***Accelerating Innovation at Member Companies
Through the Proven Experience
of Retired Technical Experts***

**YourEncore matches retired technical Experts
to challenging, part-time projects at our Member Companies**

Retired scientists, engineers and product developers:

contact Mike Burns at (513) 907-0764
Mike.Burns@YourEncore.com

Procter & Gamble and Ethicon Endo-Surgery Project Managers:

contact Steve Fennessey at (513) 794-9777
Steve.Fennessey@YourEncore.com

Cincinnati Section Younger Chemists Committee, '06- '07 edition

As with the rest of the local section ACS, YCC is gearing up for a new season of activities for those in chemistry-related fields age 35 and under (though we don't check IDs). The purpose of YCC is to address the needs and interests of younger chemists in the region: those entering a new phase in their careers, those recently relocated looking for opportunities to socialize, and of course students of all sorts. Traditional YCC events include Happy Hours, tours, and the occasional speaker, so look for some mix of these throughout the coming year. As always, your ideas and suggestions are both welcomed and encouraged. Our first event will be a Happy Hour to start things off and get reacquainted-look for specifics in the next CINTACS. Remember, this is YOUR group, there's a lot of flexibility, so if you have an idea, there's a good chance we can

make it happen. E-mail any questions, comments, or suggestions to the YCC chair Sean Conklin: conk-linsd@hotmail.com.

Meeting Sponsors for Eight Section Meetings

We have 8 meetings scheduled in the 2006-2007 Cincinnati Section Program year (There is no meeting in November). Our goal is to have a sponsor for each. Sponsorship entails a \$1000 cash or "in kind" contribution to defray meeting expenses, leading to better programs, higher attendance, and more student attendance. We believe our sponsorship program is meeting these goals and thus we are continuing the program for 2006-2007 and beyond. As in the past 5 years, corporations, academic institutions, retirees, and other individuals have volunteered to be sponsors.

(Continued on page 12)

Chemical Information Update – WWW Virtual Library Links for Chemists

Edlyn S. Simmons, Chair,
Chemical Information Discussion Group

Even at the dawn of the World Wide Web, it was recognized that it would take a lot more than surfing to find relevant information on the web. Tim Berners-Lee, who founded the World Wide Web in 1991, created the first directory of websites, which became the WWW Virtual Library, in the same year. WWWVL consists of a collection of subject-specific collections of links compiled by specialist volunteers and hosted on servers around the world. It is now a nonprofit association within the republic and canton of Geneva, Switzerland, governed by a Council. The overall directory to the WWWVL is at <http://vlib.org/>.

The WWWVL Chemistry site, located at the University of Liverpool, UK. was founded in 1995 and now claims to have over 8000 chemistry related links. These include a listing of university chemistry departments, chemistry libraries, companies and industries in all areas of chemistry, and professional societies from countries around the world. There are links to digital reference books and dictionaries and links to order forms for buying hard copy books. There are links to Material Safety Data Sheets from several different sources and links to handbooks of reference data. There are links to the history of chemistry, biographies and obituaries of notable chemists, and even a dictionary of obsolete chemical terminology.

How good are all these links? Many are excellent and very up-to-date. But each page of links is created and kept current by a volunteer, and some of the volunteers are asleep at the wheel. Patents being my own specialty, I took a critical look at the Patents links and was disappointed to find that 13 of the 35 links were dead or misdirected. The November 2001 Chemical Information Update column discussed Missing Links, URLs that had ceased to exist on the Internet, and recommended a link to the WWWVL Links for Chemists "Chemistry Cobwebs" form. The "Chemistry Cob-

webs" link for reporting dead links is now also a dead link. I sent the list of obsolete chemistry patent links back to the website on a generic comments link and four days later I received an email from Michael H. Barker (now at the Helsinki University of Technology) inviting me to check out the corrected links.

That illustrates the greatest virtue of WWW Virtual Library. Unlike web search engines that send out "spiders" to index metadata and keywords that can be manipulated by their owners to draw you in, WWWVL has links to websites selected by subject specialists because they contain valuable information. Every library in the system is created and maintained by experts in the field who choose only relevant websites to link to their pages. You may believe that your own list of bookmarks contains all the chemistry links you'll ever need, but you will probably discover that Links for Chemists lists websites you haven't discovered. And if you want to know about Biotechnology or Science Fairs or even rose growing, there are sites in WWW Virtual Library where you can find reliable links to those topics too.

Footnote:

This year, the Chemical Information Discussion Group is once again offering hints and updates on chemical information resources available to most chemists and techniques for using them. Feedback, contributions, and requests for information you'd like to see in future columns are welcome. If you have any comments, suggestions, or contributions, please email them to simmons.es@pg.com

(Continued from page 11)

So far we have 5 sponsors lined up for the program year: University of Cincinnati, Xavier, Givaudan, Procter & Gamble, and Girindus America. We hope to add three more sponsors to complete the roster, within the month.

If you would like to be a sponsor, or can suggest individuals, companies, or academic institutions who would be willing to help this worthy cause, please contact the undersigned.

Ted J. Logan, Chair
Sponsorship Solicitations Committee
Tel.: 513-385-8856
E-Mail: TJLOGANCIN@AOL.COM

(Continued from page 6)

from: the University of Arizona (1990), Northwestern University (1993), Eidgenössische Technische Hochschule Zürich (1993), Uppsala University (2000), Columbia University (2000), The University of York (2001), The State University of West Georgia (2001), Hunan University (2002), and Université Paul Sabatier (2003).

Professor Zare served as the Chair of the President's National Medal of Science Selection Committee 1997-2000, chaired the National Research Council's Commission on Physical Sciences, Mathematics, and Applications, 1992-1995, and was Chair of the National Science Board the last two years of his 1992-1998 service. He currently acts as Chairman of the Board of Directors at Annual Reviews, Inc. Professor Zare has given named lectures at numerous universities, has authored and co-authored over 700 publications and more than 50 patents, and he has published four books.

The 2006 Oesper Banquet will be held on Friday evening, Oct. 27, and will feature Professor Dennis Jacobs from Notre Dame University as the after-dinner speaker. The 2006 Oesper Symposium will be held on October 28, 2006 and will feature a number of outstanding researchers as well as the award address given by Professor Zare. More information on the banquet and symposium will be published in the October issue of CINTACS. In the meantime, updates and details may be found at <http://www.che.uc.edu/alumni/oesper/index.html>.

(Continued from page 4)

can update address and member information conveniently at:

<http://acswebapplications.acs.org/applications/addrupdate/addrchange.cfm>

(make sure you get both lines of the URL into your web browser's address line).

Changes made at this site will affect all of your ACS official mailings (dues notices and so forth, as well as CINTACS). If you need additional information, contact Bruce Ault at bruce.ault@uc.edu or 513-556-9238.

(Continued from page 5)

loved the seminars.

The Project SEED program would not have been possible without the efforts of local high school teachers to find suitable candidates. Special thanks go to Dominic Lovaglio (Aiken) and Jennifer Powell (Withrow). Special thanks go to the anonymous donor for the generous contribution to the program. If you are a chemistry teacher with a student who might be interested in participating in Project SEED next summer, or if you are a practicing chemist (academia, industry, or government) who would like to host a high school student in your lab, or would like to make a worthwhile contribution to the program, please contact the coordinator, Dr. Suri S. Iyer at suri.iyer@uc.edu.



Kyle Cavanaugh (SEED student) and Christine Vanos (REU student)

To learn more about the program, visit:

<http://www.che.uc.edu/kim/SEED/SEEDmain.htm>.

(Continued from page 3)

are registered for this program. If you agree that it is vital for chemists to be informed about government actions of importance to our discipline and want to become an advocate for science, visit the OLGA homepage at www.chemistry.org/government and sign up for the Legislative Action Network.

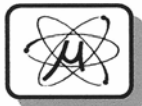
**Support CINTACS
Advertisers!**

ADVANCED • TESTING • LABORATORYSM

*"The Science of Testing – The Art of Serving"*SM

Cincinnati, OH • www.AdvancedTesting.net • 513.489.8447

SUPPLIER OF CHEMICAL AND BIOLOGICAL TESTING SOLUTIONS IN SUPPORT OF R&D, REGULATORY COMPLIANCE AND ROUTINE SAFEGUARDING FOR THE CONSUMER GOODS AND RELATED MANUFACTURING INDUSTRIES.

**Micron Analytical Services**

COMPLETE MATERIALS CHARACTERIZATION

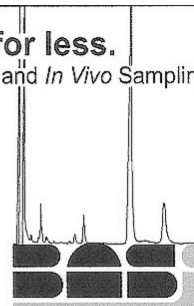
MORPHOLOGY CHEMISTRY STRUCTURE

SEM/EDXA, TEM/SAED, EPA/WDXA, XRD,
XRF, ESCA, AUGER, FTIR, DSC/TGA
3815 Lancaster Pike Wilmington DE. 19805
Voice 302-998-1184, Fax 302-998-1836
E-Mail micronanalytical@compuserve.com
Web Page: www.micronanalytical.com

Solutions that give more, for less.Specialists in HPLC, Electrochemistry and *In Vivo* Sampling

Bioanalysis is what we do...

for pharmaceuticals and drug metabolites, too. We analyze your samples, or you can do them yourself using our Chromatography products right off the shelf. Electrochemistry is another company division. View redox reactions with uncanny precision! Microdialysis products let you probe and see the dynamics of *in vivo* extracellular chemistry.



Bioanalytical Systems, Inc.

www.bioanalytical.com bas@bioanalytical.com

Chromatography Consumables 30 Years of Experience

- Hypersil GOLD™ - Unlocking solution
 - C18*, aQ*, C8, Cyano, PFP*
 - 1.9µm*, 3µm, 5µm, 8µm, 12µm
 - Excellent peak shape and pH stability
- Hypercarb™ - For challenging separations
 - Polar compounds, isomers
 - Entire pH range & temperature to 200 degrees C
- BioBasic™ - Biomolecules
 - Reversed phase, ion exchange, & size exclusion
- TRACE™ GC Consumable
 - Columns
 - Septa, Liners, Syringes, Ferrule, Nuts, Gas Filter



For all instrument manufacturers

Phone: 800-437-2999 Fax: 814-353-2305

www.thermo.com/chromatography

For your free 30 year anniversary poster contact:

Bob.Myers@thermo.com

Analyze • Detect • Measure • Control™

Thermo
ELECTRON CORPORATION



Specializing in providing the best qualified candidates for contract, contract-to-direct, and direct hire positions in the Scientific and Engineering fields. Our clients include the area's most prestigious companies and research facilities! As one of the world's largest and most successful staffing companies, we offer competitive pay, great benefits and invaluable industry experience!

Check out our current local and national job openings at www.AdeccoTechnical.com

To be included in our database, send your resume to Cincinnati.Technical@AdeccoNA.com.

ADECCO TECHNICAL SERVICES
4520 Cooper Road, Suite 100
Cincinnati, OH 45242
513-769-9797

Chemical Analysis Services

Materials ID / Deformulation
Manufacturing Problems
Litigation Support Services
Contaminant Analysis

Polymer Analysis & Testing
Failure Analysis
Product Development
Competitive Product Analysis



C H E M I R

Analytical Services

(800) 659-7659

ISO 9001 Certified

chemir.com




* GPC/SEC Analysis
* GPC/SEC Polymer Standards
* GPC/SEC Columns * Waters™150C Parts
* WISP 710/712 Parts

Request your free catalog online

www.ampolymer.com
American Polymer Standards Corporation
8680 Tyler Blvd., Mentor, OH 44060

Phone: 440-255-2211 Fax: 440-255-8397



American Chemical Society - Cincinnati Section

Jim Hershberger
102 W. Central
Oxford, OH 45056

**Non-Profit Org.
U.S. Postage
Paid
Cincinnati, Ohio
Permit #517**