

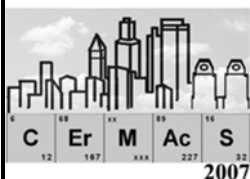
# CINTACS



Newsletter of the Cincinnati Section of the American Chemical Society

May, 2007  
Vol. 44, No. 8

## CERMACS 2007



**CERMACS 2007--Central Regional Meeting  
of the American Chemical Society**  
hosted by the Cincinnati Section of the ACS  
Northern Kentucky Convention Center  
Covington, KY

**“Learn Today...Influence Tomorrow”**  
Plan now to attend this action-packed meeting of  
science & fun!

**WWW.CERMACS2007.ORG**

**Advanced Registration Deadline May 4**  
(see page 5 and the website for complete details)

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**May Monthly Meeting**  
**Wednesday, May 23, 2007**

***Party Night, with CERMACS***  
**sponsored by Dr. Milton Orchin**



**200 East 3<sup>rd</sup> Street • Newport, KY 41071**  
**• (859) 491-7200 •**  
**www.hofbrauhausnewport.com**

### Program

6:00 PM Registration and Social Hour (Bier Stube)

7:00 PM Buffet Service (Bier Stube) \$20.00 (\$10.00  
students, emeritus, unemployed and new members -  
reserve early, space is limited!)

“Das ist Gut Buffet” featuring: Assorted breads,  
House salad with dressing, Saurkraut, German potato  
salad, Vegetable medley, Combination, Bierwurst,  
Bratwurst & Mettwurst, Jaegerschnitzel, Apple stru-  
del, Plus refillable soft drink, tea or coffee

Also included : ½ liter beer tickets (2); or use the two  
tickets for 1 house wine or 1 mixed drink.

9:00 P.M. (Buffet ends, but party on your own in the  
Bier Hall.)

*(Continued on page 3)*

**THE CINTACS NEWSLETTER****Vol. 44, No. 8 May, 2007**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 August 1 for the September, 2007 issue. Electronic submission is strongly preferred. For the September, 2007 issue and beyond, all materials should be sent to the incoming CINTACS editor:

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**From the Chair**

Of course, the major happening this month is that our Section will be hosting the 2007 Central Regional ACS Meeting [CERMACS] to be held in the spacious N. KY Convention Center in Covington, May 20 – May 23. I urge each of you to attend this event which is brimmed full of exciting new science and pleasurable social activities. Complete details including on-line registration are available at <http://www.cermacs2007.org>. The Section owes a large debt of gratitude to Joe Caruso, his many committee members and especially to Jeanette Krause for the many hours they devoted to pulling this meeting together.

May is also the time for our Annual Party Meeting, and this year it will be a joint affair in conjunction with CERMACS on May 23<sup>rd</sup>. Come and join your friends and colleagues for an evening of fun and Gemutlichkeit at the Hofbrauhaus in Newport. But, make your reservations early because dinner seating in the Beer Stube is somewhat limited and will be available on a first-come, first serve basis. We thank Dr. Milton Orchin for his generous sponsorship of our May Party/Meeting.

As our meeting year draws to a close it is fitting to recall a few notable events. Last October P&G's Tide was designated by ACS as a National Chemistry Historic Landmark thanks to the efforts of Ray D'Alonzo, Dianne Schmidt and Joel Shulman. Also in October our NCW activities headed by Victor Arredondo broke attendance records for community involvement and attendance by youngsters. Further involvement of young people in science was evidenced by the over 800 persons attending the recent Science & Engineering Expo at UC. These, and many other activities too numerous to mention here are a tribute to our healthy and active Section and to what is possible through concerted volunteer efforts of many generous people.

In this, my last written message to you as your Chair I'd like to thank each of you who have helped to make my tenure a memorable experience. I especially want to thank Bruce Ault and Beth Reno without whose help my job would have been totally impossible. A million thanks, guys!

In parting, I'd ask for your continued support for our incoming Chair John Janusz and I wish him luck and success in this endeavor.

George Rizzi, Chair

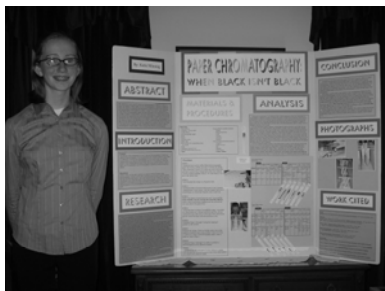
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## Young Chemistry Students Win Awards at District Science Fair

The Ohio Academy of Sciences' Southwest District Science and Engineering Expo was held on March 10, 2007, at the University of Cincinnati. About 300 students from grades 7 to 12 participated in the competition. Thirty-two schools from 5 Southwest Ohio counties were represented. Students competed for the opportunity to advance to the State competition as well as for various special awards and scholarships.

The Section sponsored three \$100 awards for superior projects in which chemical concepts were involved. The three award winners were judged to be the best in terms of creativity, experimental design, and understanding and use of the scientific method. The winners were Suzanne Camp, Katie Minning, and Melani Kekulawala.

Suzanne Camp, a junior at Loveland High School used HPLC with UV detection to measure anthocyanins in raspberries. Anthocyanins are bright flavonoid pigments which help pollinators locate flowers, protect plants from photo-damage and provide alleged health benefits as natural antioxidants. After optimizing the extraction procedure and HPLC separation and detection conditions, Suzanne determined the levels of anthocyanins in berries grown using "organic" fertilizers and chemical fertilizers. Raspberries grown using "organic" methods of fertilization were found to contain greater levels of these natural pigments.



Katie Minning with her winning poster

an unknown ink marker. Her project nicely illus-

Katie Minning, an 8<sup>th</sup> grader from Our Lady of Lourdes Elementary School, employed the use of paper chromatography as an effective home method for identifying

trated the principles of separation science and their role in forensic investigations.

Melani Kekulawala, an 8<sup>th</sup> grader from Walnut Hills High School, examined the effect of concentration during the dying process on the fastness of reactive color dyes on cotton fabric.



Melani Kekulawala explains color dye fastness

Melani unexpectedly determined that lower concentrations during dying resulted in greater color fastness.

The Section formally acknowledged the winning students and their projects at the Section's regular monthly meeting on April 19, 2007 at Northern

Kentucky University. Next year's Science Fair will be on March 15, 2008.

(Continued from page 1)

**Reservations:** Reserve early, as space is limited to the first 55 to sign up! The meeting reservation form is online at <http://www.che.uc.edu/acs/cinacs.html>. This is the best and easiest way to register and indicate your dinner option. As a lesser alternative, you may send your reservations by email to [kim.carey@uc.edu](mailto:kim.carey@uc.edu). If it is absolutely impossible for you to make reservation via the internet, call 513-556-0293 (please leave name, affiliation, dinner option, a contact phone number and state if you are in one of the ½ price categories). Deadline for reservations is 12:00 noon on Monday, April 16.



**Directions:** Cross the 471 bridge and take the first exit on the right (Bellevue). Follow exit to stop light. Turn left on Dave Cowens Drive. Follow Dave Cowens around the bend to the left to a stoplight. Turn right at the stoplight and Hofbräuhaus is on the left.

## James Collman to Receive 2007 Oesper Award

The Department of Chemistry at the University of Cincinnati, and the Cincinnati Section of the ACS will present the 2007 Oesper Award to Professor James Collman from Stanford University at the Oesper Banquet and Symposium October 19-20, 2007.



Professor James P. Collman is currently the George A. and Hilda M. Daubert Professor of Chemistry at Stanford University. He has made a lasting impact in numerous areas of chemistry, chiefly in organometallic and bioinorganic chemistry. He has won numerous national and international awards in both inorganic and organic chemistry, and has been a member of both the National Academy of Sciences and the American Academy of Arts and Sciences since 1975. He has published more than 340 scientific papers. His impact on chemistry will continue well into the future as he currently has more than forty former students and postdocs in academia, including *two* former postdocs who have gone on to win Nobel Prizes in Chemistry.

The 2007 Oesper Banquet will be held on Friday evening, Oct. 19, and will feature Professor John Brauman from Stanford University as the after-dinner speaker. The 2007 Oesper Symposium will be held on October 20, 2007 and will feature Professor Kimoon Kim, Pohang University of Science & Technology, Dr. Matthew J. Holcomb, Nove Technologies, Inc., Professor Christopher A. Reed, University of California, Riverside, and Professor K. Barry Sharpless, The Scripps Research Institute, as well as the award address given by Professor Collman. Professor Collman will speak on, "Steady-State 4-Electron Reduction of Oxygen by a Synthetic Analog of Cytochrome C Oxidase under Rate-Limiting Electron Flux". Mark your calendars now! More information on the banquet and symposium will be published in the September and October issues of CINTACS.

## Special Day for Teachers at CERMACS

A special day, Sunday, May 20<sup>th</sup>, is being planned for chemical educators as part of the regional ACS meeting. There will be three hands-on workshops at Northern Kentucky University in the morning. Teachers will be able to choose among such options as computer molecular modeling, food chemistry, and data acquisition with probes and sensors. A box lunch will be served. Then we will drive over to the Northern Kentucky Convention Center to attend the ACS Division of Chemical Education Central Region Award for Excellence in High School Teaching. After the award presentation, the afternoon activities will continue with the first of two presentations by the nationally known chemical demonstrators, the Fantastic Four Science Guys. David Katz and John Fortman will present on Sunday and Bassam Shakhshiri and Al Hazari will continue the fun on Tuesday evening, May 22<sup>nd</sup>. The advanced registration deadline for CERMACS2007 is May 4. Please visit the meeting website at [www.cermacs2007.org](http://www.cermacs2007.org) for complete meeting information, program schedule and registration details. Mark your calendars now!

## Final Listing of Sponsors for the 2006-7 Section Program

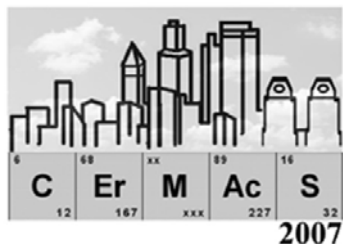
We now have a sponsor for each of the 8 Section meetings in the 2006-7 program year. This is the 5th straight year that our generous individual members, academic institutions, and industries have seen the value of sponsorship and stepped forward to fund this important need.

The meeting dates and specific sponsors for each meeting are presented below:

Meeting Date	Sponsor
Sept. 24, 2006	Dr. R. G. Laughlin
October 27, 2006	U. of Cincinnati, Chemistry

(Continued on page 14)

## Symposia and General Sessions at CERMACS 2007



There will be lots of interesting and exciting science for everyone. Register, come and be a part of the activities! Below are listed many of the symposia that have been organized, as well as the general sessions. Also, come and enjoy the exhibits and the social events!

- **“Investigative Forensic Science”-William Dean, Chief of Forensics, Hamilton County Coroner’s Office**
- **“Fantastic Four” Science Guys---Bassam Shkhashiri, David Katz, Al Hazari & John Fortman**

- **“Illuminating Molecules” & “Chemical & Biological Sensors”** will dazzle our senses
- **“Brewing Science & Art: Beer & Beyond”**, by the **Master Brewers Association of the Americas**

Forensics as a Chemistry Teaching Tool • Organic Chemistry using Microwaves • Food Flavor: From Vine to Frypan • Chemistry & Obesity • Biological NMR • HPLC • Green Chemistry • Phosphorus Chemistry • Inorganic / Organometallic Chemistry • Synthetic Organic Chemistry • Metallomics • Computational Chemistry • Bioinorganic Chemistry • Mass Spectroscopy • Physical / Polymer • Chemical Informatics • Terahertz Spectroscopy • Ab Initio Spectroscopy • Initiatives in Chemical Education • Medical Chemistry / Biochemistry • Undergraduate & Graduate Student Programs • Teachers Program • Chemical Technicians Program • Awards Symposia • Full Social Program

**Information: Program:** Jeanette Krause, 513-556-9226, [jeanette.krause@uc.edu](mailto:jeanette.krause@uc.edu);

**Exhibits:** Robert Voorhees, 513-556-9297, [robert.voorhees@uc.edu](mailto:robert.voorhees@uc.edu) & Michael Kurutz, 866-396-6765, [kurutz@MeasureNet-Tech.com](mailto:kurutz@MeasureNet-Tech.com)

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## Report from Council

### 233<sup>rd</sup> ACS National Meeting

#### Chicago, IL

March 28, 2007

#### Election Results

The Committee on Nominations and Elections presented to the Council the following nominees for selection as candidates for President-Elect, 2008: Pat N. Confalone, Thomas H. Lane, William A. Nugent, and Howard M. Peters. By written ballot the Council selected Thomas H. Lane and Howard M. Peters as candidates for 2008 President-Elect. These two candidates will stand for election in the Fall National Election.

The Committee on Nominations and Elections announced the results of the election to select candidates from the list of nominees to represent District II on the Board of Directors for the term 2008-2010. By mail ballot the councilors from District II selected Joseph R. Peterson and Diane Grob Schmidt as District II candidates. Ballots will be mailed on or before October 10 to all members in District II election of Director.

#### Candidates for Directors-at-Large

The Committee on Nominations and Elections announced the selection of the following candidates for Directors-at-Large for a 2008-2010 term: Janan M. Hayes, Helen A. Lawlor, Kent J. Voorhees, and Frankie K. Wood-Black. The election of two Directors-at-Large will be conducted in the fall. Ballots will be mailed to the Council on or before October 10.

#### Committee Performance Reviews

As part of a regular review, the Council VOTED to continue the Committee on Science, the Women Chemists Committee, and the Younger Chemists Committee - subject to concurrence by the Board of Directors. The Committee on Science provides an organizational framework to facilitate policy formulation, actions, and planning in several areas of ACS activity directly related to the science of chemistry. The Women Chemists Committee was established to recognize women chemists and

to encourage them to take an active interest in Society activities; and the Younger Chemists Committee facilitates communication of ideas and attitudes between the governing bodies of the Society and younger chemists.

#### Petitions

(For Action)

The Council VOTED to split consideration and action on the Petition on Election Procedures 2006 into two parts: Part 1 changes the timing of run-off elections and specifies an election process for situations in which only one Director-at-Large position is open.

Part 2 addresses consistency in national election procedures. It proposes changes to standardize the petition and election processes for President-Elect and all Director positions based on percentages of voting members. It replaces language specifying a required absolute number of petition signatures for nomination of candidates for President-Elect, and Director-at-Large with language specifying a higher requirement for petition signatures as a percentage of the membership for nomination of candidates for these offices.

The Council VOTED to accept Part 1. For Part 2, the Council VOTED to recommit this petition back to the Committee on Nominations and Elections and ask that they reconsider the signature requirements, procedures for processing electronic signatures, and those suggestions arising from the Governance Review Task Force pertinent to election procedures.

The Petition on Rules for Nominating Members of N&E for National Offices establishes a one-year waiting period following service on the Committee on Nominations and Elections before an individual can be nominated for District Director, President-Elect or Director-at-Large. The Council VOTED by recorded vote to defeat this petition.

The Council VOTED to accept the Petition on Multi-Year Dues. This petition will allow members paying full dues without any of the discounts to pay for periods of two or three years if they wish, at a rate equal to two or three times the rate for a one year

*(Continued on page 7)*

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## ACS Short Course Instructors Needed

The ACS is seeking instructors who are excellent teachers as well as scientists to conduct 2-day short courses to audiences of professional chemists.

- Must be available 3 - 6 times a year to travel and teach your course (this year venues include La Jolla, Chicago, Boston, RTP, San Francisco and New Jersey)
- Must develop your own course materials, copies of which will be provided to your students (ACS will produce the copies)
- Course presentations must be made in Powerpoint or similar electronic format

Willingness to teach your course on-site at private company locations (as an in-house course) is preferred

We are also seeking instructors to conduct webcast courses, which require no travel. Short course instructors are paid honoraria every time they teach, and all travel expenses are covered.

### Subjects we're seeking instructors for:

- Chemistry for Biologists
- Biology for Chemists
- Biotechnology
- Protein Therapeutics:
- Vaccines
- Controlled Release & Delivery of Biologics
- Nucleic Acid & Gene Therapy
- Protein Formulation
- Dry Powder Formulation
- Pharmacology for Chemists
- Medicinal Chemistry
- Chemical Engineering
- Drug Metabolism
- Crystallization/Polymorphism
- Process Chemistry
- Synthetic Organic Chemistry
- Organic Chemistry
- Methods Development/Quality Assurance
- LC/MS, GC/MS
- Interpretation of Mass Spectra

- NMR Interpretation (Basic and Advanced)
- Polymers
- Computational Chemistry
- Structure-based Drug Design

If you are interested in teaching one of the above subjects OR if you have an idea for a short course, please send it, your resume and references to Jim Ryan at [j\\_ryan@acs.org](mailto:j_ryan@acs.org), and Kevin McCue at [k\\_mccue@acs.org](mailto:k_mccue@acs.org). Please also feel free to forward this email to a colleague.

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*(Continued from page 6)*

period. Council also VOTED to make this petition effective when technical components are instituted to offer and track the payments, but no later than January 1, 2010.

The Board of Directors will vote within 90 days on whether to ratify the approved petitions.

(For Consideration)

The Council received one petition for consideration: the Petition on Local Section Affiliations. The petition addresses a difference in current Society bylaws regarding the responsibilities of the Committee on Local Section Activities (LSAC) and the Committee on Divisional Activities (DAC) in oversight of the establishment of affiliations by local sections and divisions, respectively. The petition grants responsibilities for LSAC parallel to those currently established for DAC. Action is expected on the petition at the fall national meeting.

### **2008 Member Dues**

The Council VOTED to set the member dues for 2008 at the fully escalated rate of \$136. This rate is established pursuant to an inflation-adjustment formula in the ACS Constitution and Bylaws.

### **Chemical Professional's Code of Conduct**

The Council VOTED to approve the Chemical Professional's Code of Conduct as submitted by the Committee on Economic and Professional Affairs. This document offers guidance for Society members in various professional dealings, especially those involving conflicts of interest.

## Sponsors for Monthly Section Meetings

Once again we are seeking Sponsors for 8 local Section meetings in the 2007-2008 program year. To qualify as a Sponsor requires a commitment of \$1000 in cash or cash equivalent to partially defray the costs of a Section meeting, now running at over \$1000 per meeting. These costs include meeting room rental, A/V equipment, speaker expenses (travel, food and lodging), Social Hour, and discounted meals for retirees, students, and other special guests. Over the 5 year life of this sponsorship program, we have seen increased meeting attendance and an increase in the quality of our programs.

Our solicitations will target individuals, industries, and academic institutions. Sponsors will be recognized as a group in each issue of CINTACS, will be highlighted in the CINTACS issue covering their sponsored meeting, and recognized at the sponsored meeting. This gives excellent recognition and advertising value for each sponsor throughout the program year.

We would prefer to avoid annual solicitations. Consequently we are beginning work on a long term Annuity plan wherein 8 sponsors would each contribute \$20000 to fund an annuity worth \$160000 which would be invested to generate enough investment money to provide \$1000 per month, in perpetuity, ending annual solicitation as presently practiced and giving more certainty to program planners for future programs.

It should be noted that the tax advantages for gifts of this kind have never been better. More will be presented on this new and stretching approach as it is developed. There are many questions to be addressed before this Annuity plan can be implemented. Questions and comments are welcome.

Meanwhile, we need 8 sponsors for the 8 section meetings in the 2007-2008 program year. We will be contacting our past sponsors and calling on others to broaden our sponsorship pool to continue this very successful sponsorship program. Contact the undersigned with questions and, hopefully, offers to sponsor.

Ted J. Logan, Chair  
Sponsorship and Solicitations Committee  
Cincinnati Section, ACS

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## Editorship of CINTACS to Change

As I complete my 8<sup>th</sup> year as editor of CINTACS, it is time for a transition. Effective July 1, 2007, Kevin Ashley will assume the role of editor of CINTACS for the Cincinnati Section. Kevin and I have been working together to ensure a smooth transition, and I am confident he will do an outstanding job in this capacity. If you have material you would like published in CINTACS, Kevin can be reached at [kea0@cdc.gov](mailto:kea0@cdc.gov) (for more complete contact information, see page 2)..

Bruce Ault



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## Chemical Information Update – 100<sup>th</sup> Anniversary of the Chemical Abstracts Service

Edlyn S. Simmons, Chair, Chemical Information Discussion Group

*Chemical Abstracts* began life in 1897 as a supplement to the Journal of the American Chemical Society. It was not the first abstracting publication; it was already recognized that a chemist couldn't hope to keep up to date by reading all of the published literature when *Chemisches Zentralblatt* began publishing abstracts in 1830. The JACS abstract supplement was merged with the *Review of American Chemical Research*, a publication founded in 1895, and was launched as *Chemical Abstracts* in January, 1907. In its first year, CA published abstracts of nearly 12,000, patents and journal articles.

In its early years, a global team of volunteer abstractors prepared English language abstracts of the world's chemical literature and submitted them to the CA offices on the campus of the Ohio State University. Early abstracts tended to be complete summaries of the original publication with lots of experimental detail. If you look an old abstract, you can see the name of the abstractor, and some of the names will be familiar as distinguished chemists. The Chemical Abstracts Service moved off the OSU campus in 1965, and its new building had the latest computing equipment. CAS moved into the electronic age by creating the Registry system and beginning automated processing of the issues and indexes. As technology became more important to the publishing system, more and more full time abstractors/indexers were hired, replacing the volunteers with on-site staff capable of abstracting articles and patents in over 50 languages. Who but CAS would have placed the help wanted ad I once saw, for a PhD physical chemist fluent in Farsi?

CAS formally became an operational division of the American Chemical Society in 1956, and was managed by the Society Committee on Chemi-

cal Abstracts Service, SocCAS. This committee of ACS councilors oversaw editorial policy and budgets, and was accountable to the Board of Directors. Eventually, the Board decided that oversight of its publishing businesses should include individuals from outside the ACS with experience in the business of publishing, and established the Governing Board for Publishing in 1996. SocCAS was replaced by the Joint Board-Council Committee on Chemical Abstracts Service, CCAS, whose role includes serving as a channel for the flow of information between CAS and ACS membership.

CAS has moved far beyond its origin as a printed abstract compilation. When online search services were established during the 1970s, the CA Search bibliographic database was one of the first databases available to the public. In 1980 CAS Online made chemical structure searching in the Registry database available to those with the appropriate computer terminals. In 1984 CAS joined with German and Japanese chemical societies to form STN International, a search service directed to science and technology databases, which replaced CAS Online with a new, improved CA File and Registry database. The STN versions of the CA and Registry database were given the text and drawings of the actual CA abstracts, and were supplemented with so much additional information that most other search services have stopped offering the simple bibliographic CA Search database. For chemists without expertise in using the command line interface used in STN, CAS introduced SciFinder, an end-user interface to Chemical Abstracts and other CA databases. And for chemistry majors and faculty at universities and colleges, the Scifinder Scholar interface was introduced. One hundred years after its first issue, Chemical Abstracts continues to grow – over 1 million abstracts were published in 2006.

You can learn more about CAS history on its website, <http://www.cas.org/CAS100/index.html>. CAS will be celebrating its centenary with an event on June 14, 2007, at which CAS headquarters in Columbus will be named a National Chemical Historic Landmark. A reception will be held at the Central Regional ACS Meeting here in the Cincinnati area on Sunday, May 20. See you there!

(Continued on page 10)

## Introduction to ChemInsight™

In response to the growing demand for scientific experts in the legal, accounting and consulting fields, ACS is launching ChemInsight™ – a scientific experts matching service – at the Chicago National Meeting. Legal professionals often find themselves involved in litigation with scientific topics which a lay person would have difficulty understanding. They resolve this problem by hiring experts to assist in the understanding of scientific issues, make pre-trial preparations or provide testimony to persuade a jury during trial. In these roles, experts often play a critical role in determining the course and outcome of a case. Demand for experts is not limited to the legal domain. In the wake of the Sarbanes-Oxley Act of 2002, forensic accountants and consulting firms also seek experts to provide insights into the sciences, technologies, processes, and other areas with strong scientific content. As chemical and allied sciences increasingly find their way into commercially successful products and services, the demand for scientific experts to help legal and other professionals is bound to increase.

Initially, ChemInsight™ plans to offer two services:

1. Directory Listing Service, which would promote experts through a free search on ChemInsight.org and through a free print directory distributed to over 60,000 law, forensic accounting and consulting firms;
2. Expert Matching Service, whereby ChemInsight™ would contract with law, accounting and consulting firms to conduct a customized search to identify the most relevant experts who best meet their needs.

By helping scientists in chemical and allied sciences gain access to opportunities beyond their core disciplines, ChemInsight™ would enable them to earn additional income and solve challenging problems in a new context, thereby enhancing their visibility beyond the scientific community. This would also help legal, consulting, and accounting firms solve the ever increasing number of cases and problems involving complex scientific topics.

If you have expertise in a relevant science area, ACS invites you to list with ChemInsight™. Listing with ChemInsight™ offers several advantages over other expert services in the market, such as:

- Exclusive focus on chemical and allied sciences – there is no other service that caters exclusively to these sciences
- Offered by the American Chemical Society – the world's largest scientific organization
- Lowest listing fees among comparable services
- Attractive member discounts on top of the already low listing fees
- Active promotion through the web and print media, including:
  - a. Custom-designed [www.cheminsight.org](http://www.cheminsight.org) website providing comprehensive search, registration and profile editing capabilities
  - b. Direct access to 60,000 legal, accounting, and consulting professionals through the free distribution of the National Directory of Scientific Experts
  - c. Multiple ACS websites that generate over 110 million visitors annually
  - d. Journals and magazines relating to intellectual property and several other relevant areas of law
  - f. Premier legal websites and legal symposia/conferences
  - f. Direct contacts and promotions to business consulting and forensic accounting firms with interest in the chemical enterprise

ChemInsight™ is a new initiative of the Office of New Business Development (NBD) of the Society. Thomas Smith serves as the Manager of ChemInsight™. For more information, please visit [www.ChemInsight.org](http://www.ChemInsight.org).

*(Continued from page 9)*

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](mailto:simmons.es@pg.com)



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## Summer Workshops for High School Chemistry Teachers

The American Chemical Society is sponsoring teacher training workshops this summer throughout the country for high school chemistry teachers. Two types of workshops are available: **Chemistry in the Community**, and **Advanced High School Chemistry**, Teacher Training Workshops. In each workshop teachers are led by experienced secondary and/or college chemical educators who provide participants with information and tools for teaching inquiry-based learning.

**Advanced High School Chemistry, Teacher Training Workshops**, led by experienced secondary and college chemical educators, provide participants with tools for teaching an inquiry-based honors or advanced high school chemistry course such as IB or AP. The activities used in these three-day workshops are from the ACS college text, *Chemistry* which emphasizes short experiments to introduce chemical concepts, and promote active and collaborative learning. All interested advanced high school chemistry teachers are encouraged to apply, regardless of current textbook.

**Chemistry in the Community, Teacher Training Workshops** are designed for teachers using or intending to use the ACS textbook *Chemistry in the Community*. In these five-day workshops, experienced *ChemCom* teacher leaders provide expert instruction and hands-on experience with many of *ChemCom's* activities and laboratory investigations.

There is a \$50.00 registration fee for each workshop, which includes all materials, meals and on-site housing. The dates and locations appear below.

June 24 California State University, Northridge, CA  
July 8 Concordia University, Ann Arbor, MI  
July 8 Greater Hartford Academy of Math and Science, Hartford, CT  
July 15 University of St. Thomas, Houston, TX  
Aug. 5 St. Thomas University, St. Paul, MN

More information, application forms and/or online registration may be found at [www.chemistry.org/education](http://www.chemistry.org/education) (follow the link for workshops and courses).

## Teachers Gear Up for the New School Year

Because of the important High School Teacher Day at CERMACS on Sunday, May 20<sup>th</sup>, the chemistry teachers' discussion group will have its next meeting in the Fall. Linda Ford will continue as group leader for the 2007-08 school year. She is seeking a meeting location. Please e-mail your interest in hosting the meeting in your classroom (Linda.ford@7hills.org). The date can be decided over the summer when school calendars are firm. Linda would like to have A SWAP NIGHT at this first meeting. Everyone who comes must bring something to swap. It could be a piece of equipment, the pieces to a classroom activity or game, or a demonstration apparatus. Have some fun coming up with your contribution! Then come to participate in a lively exchange.



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*(Continued from page 4)*

November	No Meeting
Dec. 14, 2006	Xavier University, Chemistry
Jan. 18, 2007	Procter & Gamble Company
Feb. 15, 2007	Givaudan Flavors
March 14, 2007	Advanced Testing Laboratory.
April 19, 2007	Girindus America, Inc.
May 23, 2007	Dr. Milton Orchin

The Section's governance and members are grateful for this support, which will lead to higher meeting attendance and improved quality and value of our meetings.

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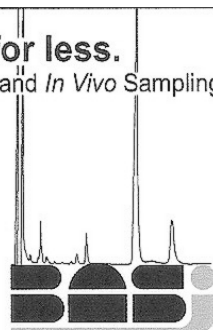
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