

CINTACS



Newsletter of the Cincinnati Section of the American Chemical Society

May, 2003
Vol. 40, No. 9

Please see article on page 4 concerning upcoming special ACS ballot!

Calendar

New online registration!

Friday, May 16 Party Night!
Robert Mondavi
Montgomery Inn
Banquet Center

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Nominations for the Outstanding Service Award are being sought. Please see page 8 for details!

Party Night!

Exploring the Mondavi Family of Wines

Lisa Sweeney

About the Speaker

Lisa Sweeney has traveled a diverse work path to the Robert Mondavi Family of Wines. She initially honed her sales and management skills as Department Manager of Designer Women's Wear at Saks Fifth Avenue in Cincinnati. Lisa then decided to make a career move that would incorporate her sales and management background with her love of fine wine, and spent 6 years in the Cincinnati market with Allied Wine and Spirits and Ohio Valley Wine Company as an on-premise sales representative. To gain supplier-related sales and management experience, Lisa left the wine industry and joined Solo Cup Company for 4 years. There, she gained valuable experience in wholesale management, planning, programming, sales marketing and training as a Special Accounts Manager.

Lisa Sweeney joined the Robert Mondavi Family of Wines in January of 2000 as Account Sales Manager for the Ohio Valley Region. In this capacity, she works closely with the Robert Mondavi distributor sales force to promote the sales, goodwill and image of the ever-evolving portfolio of the Robert Mondavi Family of Wines. She also conducts and coordinates special events such as wine dinners and charity events in the marketplace, as well as consumer, trade and distributor educational seminars. She is dedicated to educating consumers and the trade on the newest joint ventures and wineries of Robert Mondavi, which include: Robert Mondavi Winery, La Famiglia di Robert Mondavi, and Opus One, located in the Napa Valley; Byron Winery in Santa Maria, Woodbridge Win-

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THE CINTACS NEWSLETTER**Vol. 40, No. 9 May, 2003**

Editor.....Bruce S. Ault
 Advertising.....Ed Hunter

CINTACS is published nine 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, 2003 issue. Electronic submission is strongly preferred, except for original photos. All materials should be sent to:

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 Bruce Ault (12/31/04)
 Kathy Gibboney (12/31/04)
 Roger Parker (12/31/03)

from the Chair

The next and last meeting of the Cincinnati Section of the American Chemical Society for 2002-2003 is party night. This meeting is sponsored by Cognis Corporation, whom I would like to thank, and is being held at the Montgomery Inn Banquet Center in downtown Cincinnati. Lisa Sweeney from Robert Mondavi Wines will tell us and show us why wine tastes like wine. You may attend only the social hour and seminar, or you may attend the social hour, seminar, and dinner. The choice is yours. Although the social hour and seminar can handle a large number of attendees, for a variety of reasons, the dinner must be limited to the first seventy (70) people who register. Hope to see you there.

There is no way the Chair of the Cincinnati Section can do everything that is required to run the Section by him/herself. To operate this Section requires the hard work of a large number of people. In this, my last statement, I would like to thank all of the officers and all of the committee chairs for helping Cincinnati have such a successful ACS Section. I would like especially to recognize and thank a number of folks who have done a great deal to help the Section. The problem, of course, with mentioning some by name is that you invariably leave out someone. If I do so, I sincerely apologize.

You would not be reading any of this without the hard work of Bruce Ault. Each month, Bruce, as editor of Cintacs, takes all the stuff we all send to him and presents the members with a highly polished document.

Last year, Ted Logan started soliciting companies and individuals to sponsor meetings. This program has been highly successful this year. I would like to thank Bob Laughlin, Rick Fayter, the UC Chemistry Department, ATL, Givaudan, P&G, and Cognis for their financial support.

As mentioned above, there are a great number of committee chairs who have run discussion groups, helped organize meetings and activates, organized various sub-group meetings, and so forth. I would especially like to thank Gloria Story, our Chair for National Chemistry Week, and Gwen Baumann, our Publicity Chair. NCW is our main public outreach program. Through NCW, a large number of residents of greater Cincinnati now realize that chemists are not two-headed monsters, but rather, hard working individuals who really like discovering new things. Gloria and her committee set up a very successful program of which we can all be proud, and Gwen insured that

(Continued on page 4)

**Please Support
 CINTACS Advertisers!**

**May Monthly Meeting
Party Night
Friday, May 16**

Sponsored by Cognis Corporation

**Montgomery Inn Banquet Center
601 East Pete Rose Way
513-784-9555**

Program

6:00 p.m. Registration and social, hot and cold hors d'oeuvres, drinks

6:30 p.m. Lisa Sweeney from Robert Mondavi Wines will present a seminar on the chemistry of wine, which will include a tasting of various wine components and of various wines

\$16 for the social, hot and cold hors d'oeuvres, drinks, seminar, and wine tasting

8:00 p.m. dinner, choice of barbecued loin back ribs or barbecued spring chicken. Dinner also includes salad, garlic mashed potatoes, dessert buffet, hot and cold tea, coffee

*\$30.00 for the social, hot and cold hors d'oeuvres, drinks, seminar, wine tasting, and dinner
(Dinner is restricted to the first 70 people who register)*

Registration: New! A meeting reservation form is now online at: <http://www.che.uc.edu/acs/cinacs.html>. This is the best and easiest way to register. As a lesser alternative, you may send your reservations by email to Kim.Carey@uc.edu. If absolutely impossible to make reservations via the internet, telephone 513-556-0293. Deadline for reservations is 12:00 noon on Monday, May 12, 2003. Include your name, affiliation, choice of entrée and state if you're in one of the 1/2 price categories. As a reminder, if you decide you must miss a meeting after you have made reservations, please call to cancel. If you do not cancel, the Section will have to charge you because it will have been charged by the Banquet Center.

Directions:

I-75/71N or I-75S: Take the Second Street exit. Follow the signs to Pete Rose Way. Turn left onto Pete Rose Way. The Banquet Center is on your right.

I-71S: Take the Gilbert Avenue exit. Turn right on Court Street, left on Reedy, left on Eggleston, and right on Pete Rose Way. The Banquet Center is on your left.

I-471: Take the Columbia Parkway exit. Turn right on Bains, and then turn right on Eastern, which becomes Pete Rose Way. The Banquet Center is on the left past the Boathouse

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the public knew about it.

I would also like to thank Jim Hershberger for his hard work as Awards Committee Chair. It is no easy task picking the awardees from among all the very deserving chemists in the Section. (For what it is worth, Jim is also the person who makes sure our tax forms are submitted to the IRS on time so the Trustees and the Chair are not arrested.)

Finally, I would like to thank one other person. She is neither a chemist nor even a member of this Section. However, without her, this Section would not run as smoothly. That person is Kim Carey. Kim is in charge of the Section's web page, handles all the meeting registrations, created the on-line registration, takes care of the large number of details for the Oesper Banquet/ACS meeting, and a whole host of other jobs.

Lastly, I would like to thank all the chemists in the Section who regularly attended the monthly meetings. Your support is greatly appreciated. Thanks for a great year.

Allan Pinhas
allan.pinhas@uc.edu

NCW 2003 - Earth's Atmosphere and Beyond!

NCW 2003 is not that far away (October 19 - 26, 2003). I'm inviting all interested members to join the volunteer team. We provide "chemonstrations" at the Cincinnati Museum Center, local libraries and schools. If you aren't comfortable on stage, consider joining as a "roadie" or be a member of the planning committee. Fresh ideas are always welcome. The team would really appreciate ideas for chemistry demos (targeted to 4-6th grade level) about atmospheric studies - pollution, weather, etc.. Contact Gloria Story, NCW chair, at story.gm@pg.com, or snail mail: Gloria Story (box 29), Miami Valley Labs, PO Box 538707, Cincinnati, OH 45253-8707. THANK YOU!!

Special Ballot Coming in May

There will be a special ballot distributed to all of the ACS membership in May to decide on the constitutional changes proposed to the Council at the New Orleans meeting. The proposal is for the use of 20% of the dues income to support local sections and divisions. This represents a change from the way divisions have been supported in the past - i.e. from national meeting revenues. The change is proposed because some divisions are operating on minimal budgets, and the IRS has questioned the use of meeting proceeds for the support of the non-profit divisions.

The ACS Board of Directors has approved the proposal and suggested the use of a temporary (4 year) assessment charged to all dues-paying members to fund the change. The assessment charges will be \$2 in 2004, \$4 in 2005, \$6 in 2006 and \$8 in 2007. The assessment will be re-evaluated annually and it is believed that by 2008 the dues will be sufficient to cover the support. The Council voted in favor of the proposal.

We, your local councilors, would like to encourage all of you to vote for the proposal. We feel that it is a fair and equitable way to support the local sections and divisions alike, so that they can continue to provide their valuable services to membership.

Bruce Ault
Kathy Gibboney
Ted Logan
Roger Parker

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ery in Lodi, Arrowood Winery and Grand Archer Winery in Sonoma, Arianna wines produced in France and Chile, Danzante, Lucente, and Luce wines produced in partnership with the Frescobaldi Family in Italy, and Caliterra, Arboleda and Sena wines produced jointly with the Chadwick family in Chile.

Harry B. Mark 1934 - 2003

Harry Berst Mark, Jr., was born in Camden, New Jersey in 1934. He received a **B. A.** in chemistry from the University of Virginia, a Ph.D. in chemistry from Duke University, and was a postdoctoral fellow at the University of North Carolina and the California Institute of Technology. He began his academic career with



a faculty position at the University of Michigan. In 1970 Mark was recruited as a professor in the Department of Chemistry at the University of Cincinnati, where he spent the rest of his career. Mark served a term as head of the Chemistry Department. Professor Mark was an electrochemist and analytical chemist of international repute. He published over 300 articles in refereed scientific journals, wrote or edited 14 books. He was an early authority on the surface chemistry of activated carbon and on kinetic methods of analysis.

He was also one of the pioneers in spectroelectrochemistry and conducting polymer electrodes. He was the co-editor of an 8 volume series on "computers in Chemistry and Instrumentation". He gave over 200 talks at scientific meetings including plenary lectures at international meetings in countries as diverse as India, Yugoslavia, United Arab Emirates, Portugal and Morocco. He was a visiting Professor in China and Belgium. He served on the editorial boards of 8 international scientific publications. 52 graduate students and 42 postdoctoral associates studied in his laboratory. He was a member of the IUPAC commission on Analytical Nomenclature, Alpha Chi Sigma, American Chemical Society, American Institute of Chemists, Comite International de Thermodynamique et de Cinetique Electrochimies, Electrochemical Society, New York Academy of Science, Society of Applied Spectroscopy, Western Electroanalytical Theoretical Society, Society for Electroanalytical Chemistry, and the International Society of Electrochemistry.

In recognition of his many accomplish-

ments Mark received the Medaille d'Hommage, Université Libre de Bruxelles, ACS Cincinnati Chemist of the Year, George Rieveschl Jr. Award for Distinguished Scientific Research, Technical Societies of Cincinnati Distinguished Scientist Award, McMicken Dean's Award for Research and Scholarship. He was an elected Graduate Fellow of the University of Cincinnati. He was a member of Phi Kappa Phi and Sigma Xi honorary societies.

Mark's enthusiasm for science and life, his willingness to help others and his intellectual honesty made him a role model for many of his colleagues, both national and international.

Mark had a wide range of activities and interests. He drove Sprint cars and Midgets on the US Auto Club circuit 1963 to 1975 and was on the USAC Technical committee 1975-1977. An international expert on antique Colt firearms, Mark published 5 papers on pre-civil war firearms. A lover of automobiles, he drove Maseratis and a Ferrari.

Harry was a classic.

Younger Chemists Committee

YCC is a group of "new" (typically age 35 and under) and soon-to-be-graduating chemists in the Cincinnati area. We host talks, tours, and a variety of other events designed to help younger chemists network with each other and utilize ACS more efficiently. If you or someone you know fits the YCC description, please contact the committee chair, Joy Henderson. We'd love to have some new faces and new input. The YCC is planning events for the Fall and beyond, and we need your ideas. If you know of a local company that would be willing to give a tour of the facilities or a talk about work in that field, please let us know. Or, if you have suggestions about career, financial, or social events we should plan, send them to:

Joy Henderson, YCC Chair
Barr Laboratories
5040 Duramed Drive
Cincinnati, OH 45213
513-731-9900 x 7227
henderj@barrlabs.com

50-Year Members of the Cincinnati Section for 2003

50 years of membership in the ACS represents a special milestone, and one that is recognized each year in the Section. All members reaching the 50 year plateau in 2003 were invited to attend the April meeting of the Section, where they received a special certificate of recognition. The 50-year members in the Cincinnati Section for 2003 are:

W Douglas Beers	Dr. Eleanor M. Behrmann
Dr. Robert G. Laughlin	Paul Joseph Kemper
Dr. Joseph S Cantrell	Dr. Harry Rudney
Dr. Frank R. Meeks	Dr. Richard A. Day
Dr. Mary L. Schafer	Marvin Schram
Thomas Robert Hauser	Robert Vito Lucke
Melvin F. Maringer	Dr. Ted Logan
Charles R. Feldmann	Dr. Donald D. Staker

Congratulations!

Section Meeting Sponsors, 2002-2003 Program Year

This year we had two individuals, four corporations, and one academic department who sponsored a Section meeting for a total contribution of over \$8000 in cash or cash equivalents (services, hors d'oeuvres, meal subsidies). The September meeting was too early for us to secure a sponsor. The October meeting was the joint Oesper Banquet/Section Meeting and was sponsored by the UC Chemistry Department. Recall we had no November meeting. These monies turn loose an equivalent amount for our programs for students and teachers, National Chemistry Week, and chemistry Olympiad activities.

The Section is indeed grateful for this support and each donor has been recognized, or will be recognized, in CINTACS, at the sponsored meeting, and by letter from the Chair. Especially noteworthy in the following list are 2nd time individual donors Drs. Rick Fayter and Bob Laughlin. This repeat giving demonstrates their strong support of our Section's programs.

September	No Sponsor
October	UC Chemistry Department
November	No Meeting
December:	R. G.(Bob) Laughlin
January :	ATM (Advanced Testing Laboratory)
February:	R.G.(Rick) Fayter
March :	Givaudan Flavors
April :	The Procter & Gamble Company
May:	Cognis Corporation

Although we failed to get any *individual* academic sponsors, we hope to change this in future years.

Again, our sincere thanks to these generous individuals, corporations, and academic department.

Respectfully submitted,
Ted J. Logan, Solicitations Committee

NCW - Planting Seeds Across the Tri-State with "Messy and Noisy Science Things"

Our local NCW programs are succeeding in their mission of communicating the importance of chemistry to our quality of life. We are receiving many requests for programs in schools and libraries across the tri-state area. Recently, volunteers were requested to provide programs for the Science Olympiad event held at Cincinnati State, as well as Science Day at Loveland's Middle and Primary schools. The Children's Learning Center at the Hamilton County Library's main branch, have also requested some programs for their Summer Science program. Barb Childers, from the Children's Learning Center, says it all..."Our experiences with your organization have been so positive we are hoping to be able to showcase chemistry more than once during the year for our area children. It's a great message...Thursdays we expect to see visiting groups of all ages 4-12 from day cares and recreation centers who schedule regular visits to the library in the summer. Every Thursday in CLC we are calling "Summer Science" and plan to do messy and noisy science things in the Children's Garden outside. So your program could be done there." Need we say more!!

Councilors' Report

Highlights and News Items from the New Orleans ACS Meeting

- 1) Attendance at this 3/23 to 3/27 meeting was a strong 14,576, with 8500 papers presented. The war and the economy threatened to make this a small meeting, but these results were very encouraging, even with some companies (Dow, Dupont, and Dow Corning included) prohibiting travel on expense accounts. Many stories of 20 hours of driving to get there were heard.
- 2) Nominees for President of ACS were Carroll, Eaton, Strem, and Taylor. The Council chose Strem and Carroll as President-Elect candidates for the Fall election.
- 3) Candidates for 2004-2006 Director-at-Large are Chamot, Jackson, Jurs, and Shoffner.
- 4) In a significant move, Council voted on a petition to increase funds to Divisions and Local Sections of up to 20% of National ACS income from dues. To make up this funding direction change, a surcharge of \$2 in 2004, \$4 in 2005, \$6 in 2006 and \$8 in 2007 is planned for all dues paying members. Our Constitution requires the membership to vote on this with a 2/3's majority of those voting for passage. These monies are required because several Divisions are in deep financial difficulties. Sections will also benefit by being able to apply for funds for special programs. Members can expect a mail ballot on this issue probably in May. . All members are encouraged to vote for the constitutional change to allow for the proposed distribution of dues income.
- 5) Linda Ford was introduced at the Division of Education meeting by Ted Logan. She gave a well received talk to an audience of 50-60. On Tuesday night she received the formal recognition at the Awards Banquet. Albermarle has sponsored this James Bry-

ant Conant Award in High School Chemistry Teaching for 24 years. They take this sponsorship seriously, even sending a representative, Charles Everly, to the event early to take the winner and spouse to dinner.

- 6) E.J. Corey is the 2004 Priestley Medalist and Valerie Kuch will receive the Volunteer Services Award.

Councilors Gibboney, Ault, Parker, and Logan

Chemical Information Update: Updates to Previous Updates

Edlyn Simmons

Chair, Chemical Information Discussion Group

More on the ACS Committee on Patents and Related Matters booklet, *What Every Chemist Should Know About Patents*: In the October, 2002, issue of CINTACS, we announced the publication of the 3rd edition of *What Every Chemist Should Know about Patents*. Printed copies are now available through the ACS Office of Society Services by calling 800 227-5558. The first copy is free, and additional copies are \$5 per copy. Bulk orders of more than 25 copies are \$3.00 each. The PDF version of the booklet can now be found at a new URL, <http://www.chemistry.org/government/patentprimer.pdf>. This URL omits the two appendices, a copy of a US patent and a copy of a published US patent application. These can still be viewed by following links from the What's New section of the ACS Office of Legislative and Government Affairs site on www.chemistry.org.

More on acronyms and initialisms. The September, 2002, issue of CINTACS discussed internet sources of acronyms and initialisms relating to chemistry. Since that time the Indiana University Chemical Acronyms website has moved. The new URL is: <http://www.oscar.chem.indiana.edu/cfdocs/libchem/>

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acronyms/acronymsearch.html

Correction: The final paragraph of the April, 2003, Chemical Information Update should read:

To quote a machine translation from a German article by Ernst Meyer (Sincerity Meyer in the translation), "the Sprachbarrieren often troublesome otherwise proved to be comparatively harmless." In other words, using a machine translation probably won't eliminate the language barrier, but it can't hurt.

Footnote:

This year, the Chemical Information Discussion Group is 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

Nominations for Service Award Sought

Nominations are requested for the Cincinnati Section's Outstanding Service Award to be presented by the Section at the May Meeting. A one-page letter of nomination is required. The letter should contain a statement describing why the nominee is deserving of the award, and must also include contact information for the nominator and the nominee. In addition, a one-page letter seconding the nomination is required. The nomination and the seconding letter should be sent to Jim Hershberger, Department of Chemistry, Miami University, Oxford, OH 45056 (phone 513-529-2441, fax 513-529-1675, email hershbjw@muohio.edu). The deadline for nominations is Friday, May 9, at 5:00 pm.

Visit the
Section's Home Page

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

Wittstock Named First Zimmer International Scholar

In mid-March, the Department of Chemistry at the University of Cincinnati hosted Dr. Gunther Wittstock from the Carl von Ossietzky University of Oldenburg in Oldenburg, Germany, as the first Hans and Marlies Zimmer International Scholar. This program was established recently as a memorial to Hans Zimmer and in recognition of Marlies Zimmer for her devotion to Hans in his many contributions to the Department over his 47 years as a faculty member. The purpose of the Hans and Marlies Zimmer International Scholar Program is to provide the capability to invite internationally recognized scholars to the Department to spend time with faculty and students in the Department of Chemistry, as well as to interact with scientists in the Cincinnati community. This may ultimately give rise to ongoing collaborations and exchange of ideas and students.

Prof. Wittstock conducted his Ph.D. project at the University of Leipzig with funding from the German National Merit Foundation. During this period he worked with Professors William Heineman, Thomas Ridgway, and Brian Halsall at the University of Cincinnati for a total of eleven months, where he assembled a scanning electrochemical microscope (SECM) - an instrument which continues to fascinate him today. As a postdoc Professor Wittstock worked at the Technical University of Munich where he became interested in probe-induced modification of surfaces. Following the *habilitation* in 2001 at the University of Leipzig, he accepted an offer at the Carl von Ossietzky University Oldenburg where he became full professor of Physical Chemistry in October 2001.

Professor Wittstock's current research interests are design of functional organic thin layers on solid supports for various applications such as sensors and sensor arrays, microelectrochemistry including SECM and numerical simulations, organic-inorganic hybrid materials, scanning probe techniques and the combination of optical and microelectrochemical detection and excitation principles.

Oesper and International Chemistry Olympiad High School Student Competition

On March 22 and 23rd, 108 students representing 15 teachers and 14 schools, took the local qualification examination for the 2003 **International Chemistry Olympiad**. The Cincinnati Section of the American Chemical Society (ACS) recognizes all of these participants as winners. However, 11 students qualified from the Cincinnati Section to be among more than 1000 nationwide who take the grueling, 4.75-hour national qualifying exam on Friday, April 25, to select 20 finalists. These finalists will undergo intensive training in June at the U.S. Air Force Academy in Colorado Springs. The "final four" will then be chosen to become the U.S. team and compete in the 35th International Chemistry Olympiad (IChO) in Athens, Greece in July. These outstanding high school chemistry students, in order by school (teachers given in parentheses):

Jason Juang, Cincinnati Country Day, (Paula Butler)
Nima Ghamsari, Cincinnati Country Day, (Paula Butler)
Liesl Koehler, Hamilton High School, (Susan King)
Casie Keefe, Hamilton High School, (Susan King)
Irene Duke, Kings High School, (Joyce Wittig)
Neeraj Singh, Seven Hills, (Linda Ford)
Carolyn Wait, St. Ursula, (Sandra Campbell)
Hiren Bhakta, Walnut Hills, (Robert Foreman)
Adrian Brush, Walnut Hills, (Jeff Lazar)
Dustin Wehr, Wyoming High School, (Andrew Felczan)
Ben Glass, Wyoming High School, (Andrew Felczan)

Even before the International Olympiad began, the Cincinnati Section was recognizing outstanding high school chemistry students via the Ralph E. Oesper Chemistry Awards, honoring the late Professor Oesper's long and distinguished career as a teacher, scientist, scholar, historian, and member of the Section. Cash awards of \$300 for 1st, \$150 for 2nd, \$100 for 3rd, \$75 for 4th, and \$60 for 5th, are now given to both second level and first level chemistry students.

2nd Level Oesper Award Winners (same exam as for the Olympiad; different rankings because different rules):

5 Proveen Ramalengam, Walnut Hills, (Robert Foreman)
5 Kiesel Koehler, Hamilton, (Susan King)
4 Adrian Brush, Walnut Hills, (Jeff Lazar)
1 Hiren Bhakta, Walnut Hills, (Robert Foreman)
1 Carolyn Wait, St. Ursula, (Sandra Campbell)
1 Jason Juang, Cincinnati Country Day, (Paula Butler)

1st Level Oesper Award Winners (226 students representing 19 teachers and 13 schools).

3 Rosei Elfante, Ursuline, (Carol Obert)
3 Ben Schweer, St. Xavier, (Jennifer Thomas)
3 Ben Jones, Walnut Hills, (Jeff Lazar)
2 Melanie Murphy, St. Ursula, (Sandra Campbell)
1 Brian Perbix, Walnut Hills, (Ellen Chow)

**The 2003 Ralph and Helen Oesper
Banquet & Symposium
The University of Cincinnati
October 10-11, 2003**

Honoring Nobel Laureate Alan G. MacDiarmid
Blanchard Professor of Chemistry
The University of Pennsylvania



Oesper Award Lecture

“Electronic Polymers: New Materials for the 21st Century”

Partial listing of other speakers at the Oesper Symposium October 11, 2003 includes

Ray Baughman, University of Texas at Dallas

Arthur Epstein, Ohio State University

Joel Miller, University of Utah

Timothy Swager, Massachusetts Institute of Technology

The Oesper Banquet will be held on Friday, October 10, with featured After-Dinner
Speaker

Rick Smalley, Rice University

For further information please contact Kim Carey (513-556-0293; Kim.Carey@uc.edu) or
visit our website at: www.che.uc.edu.

Preliminary Announcement



The 35th Central Regional Meeting

100th Anniversary of the Pittsburgh Section, ACS

October 19-23, 2003

Sheraton Station Square
Pittsburgh, PA

Plenary Lectures

General Sessions

Analytical, Inorganic, Organic, Physical, Polymer Chemistry, and Chemical Education

Planned Symposia

- Computational Chemistry
- Proteomics
- Environmental Benign Chemistry
- Tissue Engineering
- Polymer Advances
- Surface Science
- Teaching Innovations
- Combinatorial Chemistry
- Bioinformatics
- Drug Design
- Food Chemistry
- Energy/Fuel
- History of Chemistry/Pittsburgh
- High School Chemistry

Special Events

- Pittsburgh Award
- High School Teaching Award
- Industrial Innovations Awards
- Exposition
- Short Courses and Workshops
- Former Chairmen's Dinner
- Women Chemists Luncheon
- Student Affiliates Regional Meeting
- YCC Leadership Development Workshop
- Technician Affiliates

For more information, contact:

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beck@CLARION.EDU
814-393-2580

<http://membership.acs.org/P/Pitt>

2003 ChemCom Teacher Training Workshops

ACS sponsors one-week, residential summer workshops for teachers using or intending to use *ChemCom*. **Apply today** for one of this summer's workshops, or pass this information along to a chemistry teacher. In each workshop, experienced *ChemCom* Teacher Leaders guide participants through the *ChemCom* text and provide hands-on experience with many of the laboratories, modeling exercises, and culminating activities. Participants are also introduced to the many ancillaries new to the most recent edition of *ChemCom*. Teachers using previous editions of *ChemCom*, or any other textbook, who intend to use *ChemCom* in the future, are also invited to apply. The locations and dates of the 2003 weeklong workshops are listed below.

June 8-13, 2003	Dallas, TX
July 6-11, 2003	Lake Forest, IL
July 20-25, 2003	Lawrenceville, NJ
August 3-8, 2003	Malibu, CA

ACS coordinates and pays for lodging, meals, and all workshop expenses during the workshop. Attendees arrange and pay for their own travel to and from the workshop site and pay a \$50 registration fee. Each workshop begins on a Sunday afternoon and is completed at noon on Friday

In addition to the workshops listed above, this summer ACS will offer several **three-day, non-residential workshops**. These workshops will take place at locations around the country during June, July, and August. Participants will have many of the same experiences as in the weeklong workshops and will commute to the site each day. A \$50 registration fee is required and lunch is provided daily. If your organization is interested in hosting a three-day ChemCom workshop, please call 202-872-6383 or email chemcom@acs.org. The following three-day ChemCom workshops are currently scheduled:

June 2-4, 2003	Jacksonville, FL
June 23-25, 2003	Chatsworth, CA

The latest workshop information and workshop applications are available online at <http://chemistry.org/chemcom/workshops.html>

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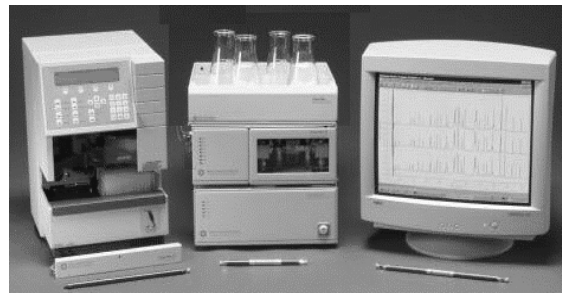


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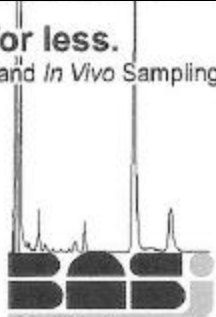
  

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You can sign up for the LAN online at www.chemistry.org/government/action. If you have any questions regarding the LAN, please contact Brad Smith in the ACS Office of Legislative and Government Affairs at 1-800-227-5558, extension 4479.

A Thought to Ponder...

If a man does not know to what port he is steering, no wind is favorable.

—Seneca (4 B.C.-65A.D.)

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