

SEPTEMBER SECTION
MEETING:
2008 Anachem/SAS Symposium

Place: Burton Manor, Livonia, MI
Date: Wednesday, October 29, 2008
Time: 8:30 am—4:00pm (Registration
will open at 7:30 am)

Morning Sessions are scheduled on Mass Spectrometry (MMSDG), the ANACHEM Award Session honoring 2007 Award recipient, Isiah Warner and Education Workshop 1 (see below). Mid-day there will be a Plenary Session, honoring Isiah Warner, LSU. Afternoon Sessions are scheduled on Advances in Academic Research, Product Testing - Safety in Food, Pharmaceutical and Consumer Products and Educational Workshop 2 (see below). Then there will be a Poster Session, Mixer.

Educational Work Shop 1: *Advances in Macromolecular Characterization by GPC/SEC*

The presentation will outline developments associated with obtaining molecular weight and molecular weight distributions for macromolecular materials (i.e. synthetic and biopolymers) using GPC/SEC. Data on a wide range of new technologies (columns, detectors and software) will be presented and how they are being used to speed up data collection and analysis in traditional, high speed and online GPC/SEC analysis. The principles and practice of these

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new approaches will be presented and discussed.

Who Should Attend? Anyone currently working in the fields of polymer synthesis, polymer analysis using or relying on the technique of GPC and are looking for newer, faster and improved ways of determining molecular weight and MWD properties.

Biography: John McConville is the Manager of the Macromolecular Characterization Business Unit for Polymer Laboratories (Now a part of Varian). John received his BSc, MSc and PhD degrees from Sheffield City Polytechnic in the areas of Analytical and Polymer Chemistry and has worked at many levels in both polymer synthesis and the design of instrumentation and software.

Educational Workshop 2: *Materials Characterization using Thermal Analysis*

With thermal analysis, you'll learn many things about your materials, (and your competitor's too), such as curing, melt points, crystallinity, heat capacity, oxidative stability, thermal stability, compositional analysis, thermal expansion, modulus (stiffness), creep and stress relation, and energy dissipation/damping characteristics.

Please Note: For general information about the Symposium, contact Felix Schneider at 248-583-1578. For more detailed information about the program or about poster presentations contact Patsy Coleman at pcoleman@chem.wayne.edu. For on-line registration, see www.detroitsection-acs.org (Anachem/symposium). More detailed information about the program will appear as it becomes available on the same site. The Burton Manor is located at 27777 Schoolcraft between Inkster and Middlebelt Roads.

Nice Work! The Detroit ACS Section was recently awarded an Innovative Project Grant in the amount of \$1500 to support the upcoming Chemistry Day program for the Detroit Area Girl Scouts. Our thanks to Mary Kay Heidtke (Magni Ind.) for submitting the proposal.

Kids & Chemistry Update

Coming UP:

The Detroit ACS Kids & Chemistry group has three programs on their calendar for the fall season. We will be participating in the National Chemistry Week program on Sunday afternoon, October 19 at Cranbrook Science Museum for the annual hand-on chemistry program. Denise Grimsley (BASF) is the organizer; the time and other information are provided elsewhere in this issue. There will be up to 10 different experiments and we will be looking for about 20 volunteers. It is an easy program to work. Volunteers usually work in pairs; if you are new, just ask Denise to pair you up with someone more experienced. You can contact Denise at: denise.grimsley@basf.com to volunteer or to get more information.

On Friday, November 7, we will participate in the Royal Oak Career Fair. Felix Schneider will be organizing this program, aimed at high school students, and will be looking for 3-4 volunteers to help him. At this program we give interviews, answer questions about chemical careers (what do chemists do?), and pass out literature to high school students. If you would like to participate please contact Felix at: felixschn@wowway.com,

And, on Saturday, November 15th, we will participate in what has become the annual program on Belle Isle for the Detroit Girl Scouts. It will run from 8:00 – 1:00 with six stations running hands-on experiments. We expect about 200 Girl Scouts along with their chaperones. Mary Kay Heidtke (Magni Ind.) is chairing the event and will be looking for 18-20 volunteers to help her. This is a fast-paced, fun event. You can contact Mary Kay at MKHeidtke@aol.com.

And Thank You

We'd like to acknowledge the help of all those who contributed to the success of the Kids & Chemistry program at the Rouge Water Festival back in early May. Felix reported that there were 9 classes of fifth graders with a total of 241 students that participated. He also reports that they had some very good students this year and the feed back (as always) was positive. "We even received some applause by some of the classes." Our thanks to those who participated: Angela Allen (U. of M-D), Ted Biermann (Madonna U.), Niki Heinz (Kelly Services), Annise Goodman, Zora Longworth (U. of M-Med School), Emil Loszanov (WSU), Gina Ludwig, Lisa Marcolina (BASF), Walter Meiers (DTE, retired), Tom Ott, Irina Pala (WSU), Don Ray (Ford/Visteon, retired), Felix Schneider (US FDA, retired), Peter Warner (WSU) and Ron Schroeder (WSU, retired).

We are always looking for new volunteers as well as leaders. If you haven't been involved and would like to be, let us hear from you: wsiegl@sbcglobal.net.

Younger Chemists Committee Presents:
A Backstage Tour of the Detroit Opera House
Monday, November 10th, 7-9 PM

**\$5.00 per person. Attendance is limited to this event.
Please RSVP to Meghann Mouyianis at 313.993.1259.**

Come join the Opera House Ambassadors for a backstage tour of the Detroit Opera House. Learn about the history of the Opera House and its restoration. Meet the people behind the scenes, tour the stage and see how it operates.

The Story of the Detroit Opera House

Historically Michigan Opera Theatre's home is Detroit's fifth opera house. Previous venues intended for staging opera in Detroit included a "Detroit Opera House" from 1869-1963 at Kennedy Square, "Whitney Grand Opera House" (renamed Garrick Theater) located on Griswold and Michigan avenues, and the "New Detroit Opera House" from 1886-1928 located at Randolph and Monroe streets.

Located on the corners of Broadway and Madison at Grand Circus Park, the theater was originally opened January 12, 1922, as the Capitol Theater. At the time of its gala premiere, the 4,250-seat theater claimed to be the fifth largest in the world. The theater was the first in a series of palatial vaudeville and moving picture houses built in the Grand Circus Park area in the 1920s. Designed by renowned Detroit architect C. Howard Crane, whose genius for theater design took him to cities around the nation, the building was constructed with superb acoustics and in the style of the grand European opera houses. Crane also designed such Detroit landmarks as the Fox Theater, State Theater, and the acoustically perfect Orchestra Hall.

The Capitol Theater was resplendently decorated in the Italian Renaissance style with lavish crystal chandeliers, frescoes, brass fixtures, marble stairways and drinking fountains. Rich rose-red

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Italian damask was used for the main-stage curtain and draperies throughout the house. Most of these features are present today in the Detroit Opera House.

In the fall of 1929, the Capitol Theater became the Paramount Theater and, in 1934, was renamed the Broadway Capitol Theater. Within the first few decades, the grand theater hosted the likes of Will Rogers, Louis Armstrong, Betty Hutton, Guy Lombardo and Duke Ellington; and later, Gale Storm, Sal Mineo and many of the rock and roll stars of the 1950s.

After several years of near decay the theater underwent a minor restoration in the 1960. The renamed and reconfigured 3,367-seat Grand Circus Theater became a movie house once again. The Grand Circus Theater closed its doors in 1978 and reopened under the same name in 1981. From 1981 to 1985 the theater ran intermittently, presenting a diversity of entertainment from mainstream artists Ray Charles and Roy Orbison to an alternative rock series entitled "Grand Circus Live." The 1922 palace closed its doors for the last time in November of 1985, after a small fire. The theater would be neglected for three years until the nomadic Michigan Opera Theatre met its destiny.

Technology and Communication Innovation

The executive council of the Detroit Section would like to improve communication, website materials and delivery of chemical related news and materials through different medias and technologies. This might include new committee websites, website tutorials, surveys and presentations, pod casts, text messaging, etc. While the section will draw upon the experience from the current committees, we would like new ideas and to invite volunteers to help develop a technology committee to produce offerings that are useful to our membership. Ideas and inquires may be directed to Steve Scribner at

sscribner@marygrove.edu or 313-927-1321.

45% of Eligible Ballot Castors Do Not Vote for President?

I take this data to mean that 45% of the people do not feel personally connected with the “process”. A quick examination of the “process” would conclude that it is a self-selective one. If you enjoy all the bickering and name-calling and or see the higher purpose in the “process” you will participate. If you do not, you will make up any number of legitimate excuses and not vote.

The election “process” does not respect or concern itself with non-voters. Therefore the responsibility lies with the non-voter to change their perspective on the “process”. If the non-voter could manage to do this, the positive impact on our society would be huge.

So, how to change a familiar time tested perspective? How about pretending it is something else? What if the 45% could pretend that they were watching a play that they looked forward to enjoying?

I would like to invite the reader to take an imaginary trip down New Perspective Avenue and reconsider the current political contest that is taking place for the President of the United States. I propose that Sen. McCain & Sen. Obama are on the same set of an ancient theater and we all get a front row seat to a wonderful theatrical experience. I mean, these are hot tickets and we all feel lucky to be there!

This theater has been the stage for all of the great tales of literature from the times of the Greeks, through Shakespeare and now into our current times. This Presidential drama is on par with the greatest stories of all time. It hooks us emotionally and keeps us on the edge of seats as the conditions of comedy and tragedy play out before our very eyes! Allowing us to experience the emotions of laughter and tears along with the characters on stage. Soon, we are together with the characters and we experience the learning or moral of the story. We suddenly feel more connected and human, instead of discouraged and alone. We just might consider voting.

With a little courage we (voters & non voters alike) can examine our own lives and see that when we learned our most important lessons we were probably involved in a comedic or a tragic situation. One you can laugh with the lesson, the other, you cry. With the real interesting lessons, you get to do both! With this perspective and emotional connection maybe we can begin to see ourselves as “able” to take part in the “process”, we could vote and not feel dirty afterwards?

I encourage you to change your perspective and look for yourself in each character/candidate. Try to put yourself in their shoes and decide if it feels like they a comedic or tragic situation. Decide what you would do if you were in the same drama instead of watching it as it unfolds. It is my hunch that both

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you and the characters may find common ground. You are now seriously considering, at least an absentee ballot!

As hard as it is to believe right now, this play (process) will come to an end and we, voters and non-voters alike, will have to live with an ending. Whether its McCain or Obama, do we want the winner to think that only 55% of the people care? Or would we like the winner to think that 95% of the people care? I bet we would have a higher probability of better results with the latter. Therefore, why not use a little “pretend” with this “process” and make it eventually change for the better by your participation?

Happy Voting, Kevin J. O’Mara, ACS Governmental Affairs Co-Chair

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We are working hard to keep you up to date on cutting edge industrial issues affecting your current and future employment needs. Make informed decisions about your career and take control of your career path.

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ACS Careers has joined forces with Harvard Business Publishing to deliver 42 online business and professional advancement courses. The course library includes topics such as Career Management, Negotiating, Leading and Motivating, Presentation Skills, Strategic Thinking, Team Leadership, Time Management, and many other high-quality courses.

Look for more information at www.acs.org/professionaldevelopment.

Please Verify Contact Information

ACS has recently upgraded its member database. Please take a moment to review your contact information included with this newsletter (and any other communications that you receive from ACS) to verify that it is correct. To help maintain the integrity of our roster files please report any changes to service@acs.org. Please be sure to include your Member ID along with any changes that you report.

Good News from the ACS Meeting in Philadelphia!

As some of you are aware, there is an annual ceremony at the fall (national) meeting of the American Chemical Society at which “Chemluminary” awards are given to the best performing local sections and divisions for their volunteer efforts in various categories. In recent years, the Detroit Section has been a finalist for at least 4 awards each year and has usually come away with the top award in at least one category. This was another good year for the Detroit ACS.

At the ceremony held at the Philadelphia meeting, the Detroit Section was named a finalist for five (5) awards and came away with the top award in two of those categories. The Detroit Section was a finalist for the following awards:

- Outstanding Performance by a Local Section (medium-large section size)
- Outstanding Local Section Career Program Award (small-medium large section)
- Outstanding Local Section Younger Chemist Committee
- Outstanding High School Student Program Award
- Outstanding Kids & Chemistry Award

We are especially pleased to report that the Detroit ACS received the top award in the first two categories above. This is an accomplishment that the Executive Committee and the Section can be proud of. These awards do not occur without certain members contributing superior effort; some personal recognition is due as indicated below.

For Outstanding Performance by a Local Section, the entire Executive Committee can take pride, but special thanks go to our 2007 chairperson – Mark Benvenuto (Univ. of Detroit Mercy). We also took top honors for Career Program for the 3rd year in a row!! Although she had help from others, the driving force behind another year of great programming was Megan Klein (Ash Stevens).

Being named an award finalist is significant recognition in itself and those whose efforts contributed to these nominations can also take pride in their accomplishment. The supreme leader of our Younger Chemist Committee is Meghann Mouyianis (Univ. of Detroit Mercy) – good work Meghann. Key contributors to the nomination for Outstanding High School Student Program were Matt Mio (Univ. of Detroit Mercy) who chaired the Education Committee and Mark DeCamp (Univ. of Michigan Dearborn) who ran the Detroit Chemistry Olympiad program. And lastly, our Kids & Chemistry program which is run by its five co-chairs: Gina Ludwig, Mary Kay Heidtke (Magni Ind.), Denise Grimsley (BASF), Felix Schneider (US FDA-retired) and Walter Siegl (Ford Motor retired).

And finally, our thanks go to all who volunteered their services in a supporting role. It takes the help of all of us working together to make Detroit ACS and outstanding local section.

Councilors Report and Summary Of Governance Actions/Reports from the American Chemical Society 236th ACS National Meeting in Philadelphia, PA, August 17-21, 2008

The following is a summary of the key actions and discussions of the ACS Council and Board of Directors at the 2008 fall national meeting.

ACTIONS OF THE COUNCIL

Election Results: The Committee on Nominations and Elections presented to the Council the following slate of nominees for membership on the Committee on Committees beginning in 2009: George M. Bodner, Cherlynlavaughn Bradley, Rigoberto Hernandez, Roland F. Hirsch, Ann H. Hunt, James M. Landis, Carol B. Libby, Roger A. Parker, Howard M. Peters, and Sara J. Risch. By written ballot, the Council elected Cherlynlavaughn Bradley, Rigoberto Hernandez, James M. Landis, Howard M. Peters, and Sara J. Risch for the 2009-2011 term.

The Committee on Nominations and Elections presented to the Council the following slate of nominees for membership on the Council Policy Committee beginning in 2009: R. Gerald Bass, Ray A. Dickie, Alan M. Ehrlich, Joseph A. Heppert, Pamela D. Kistler, Bonnie A. Lawlor, Mamie W. Moy and Eleanor D. Siebert. By written ballot, the Council elected Ray A. Dickie, Bonnie A. Lawlor, Mamie W. Moy, and Eleanor D. Siebert for the 2009-2011 term.

The Council Policy Committee presented to the Council the following slate of nominees for membership on the Committee on Nominations and Elections: V. Dean Adams, Roger F. Bartholomew, W. H. (Jack) Breazeale, Jr., Donald J. Burton, Kenneth G. Caulton, Dwight W. Chasar, Peter K. Dorhout, Catherine C. Fenselau, Morton Z. Hoffman, Peter C. Jurs, William R. Oliver, Robert A. Pribush, Andrea B. Twiss-Brooks, and Angela K. Wilson. By written ballot, the Council elected W. H. (Jack) Breazeale, Jr., Peter K. Dorhout, Catherine C. Fenselau, Peter C. Jurs, and Andrea B. Twiss-Brooks for the 2009-2011 term; Angela K. Wilson for the 2009-2010 term; and Dwight W. Chasar for the remainder of a 2007-2009 term.

Candidates for President-Elect and Board of Directors: The candidates for the fall 2008 ACS national election were announced as follows:

President-Elect 2009

Joseph S. Francisco, Purdue University, West Lafayette, IN
Josef Michl, University of Colorado-Boulder, Boulder, CO

Directors-at-Large – 2009-2011

William F. Carroll, Jr., Occidental Chemical Corporation, Dallas, TX
Richard L. Deming, California State University- Fullerton, Fullerton, CA

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Thomas R. Gilbert, Northeastern University, Boston, MA
Marinda Li Wu, Science is Fun! Orinda, CA

Director, District III 2009-2011

Pat N. Confalone, DuPont, Wilmington, DE
Alan B. Cooper, Schering-Plough Research Institute, Kenilworth, NJ

Director, District VI 2009-2011

Bonnie A. Charpentier, Metabolex, Inc., Hayward, CA
Gary D. Christian, University of Washington, Seattle, WA

Petition: The Council VOTED to accept the Petition on Society Affiliate Dues. The petition raises Society Affiliate dues to be equal to the (full) membership dues, while specifying that Society Affiliates are not subject to any of the discounts otherwise applicable to membership dues. To be valid, the petition next must be confirmed by the Board of Directors within 90 days, and will become effective five months following confirmation.

Committee Review: As part of a regular review, the Council VOTED to continue the Committee on Chemistry and Public Affairs, and the Committee on Patents and Related Matters. The Committee on Chemistry and Public Affairs is responsible for advice and recommendations for ACS action on public policy matters involving the chemical sciences and technologies. The Committee on Patents and Related Matters considers patents and other related items insofar as such consideration and possible action are appropriate under the Society's Charter.

Registration Report and 2009 National Meeting Registration Fee: As of August 20, 2008, the ACS fall national meeting had attracted 13,800 registrants. Totals in select categories are as follows: Regular attendees 8,196; Students 3,087; Guests 481; Exhibit Only 546; and Exhibitors 1,490. In keeping with the objective of the National Meeting Long Range Financial Plan, previously approved by the Board of Directors and Council, the Meetings and Expositions Committee voted to support an increase of \$10 for the 2009 national meetings advance registration fee.

Membership Activity: In 2007, the number of paid new members nominated by current ACS members was 1,559. Currently, there are 988 paid new member applications. The Society's Member-Get-a-Member program is on track to have its best year ever.

Professional Employment Guidelines: The Committee on Economic and Professional Affairs submitted its latest version of the Professional Employment Guidelines for consideration. These guidelines offer a broad spectrum of recommended practices in employment for professional scientists and their employers. The Council will vote on the Professional Employment Guidelines at the 2009 spring meeting in Salt Lake City.

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Revision of the Division Funding Formula and Formation of a New Division: After a motion to recommit failed, the Council VOTED, as recommended by the Divisional Activities Committee (DAC), to accept a revised division funding (allocation) formula. DAC reported that the formula improves clarity, offers simplicity, and rewards collaborative programming between divisions. The change will take effect in 2009 for 2008 activities.

The Council also VOTED to approve the formation of the Probationary Division of Catalysis Science and Technology. The primary objective of this probationary division is to provide a "home" for the chemical science of catalysis within the ACS in a way that will also insure a continual connection between this science and the essential chemical technology of catalysis.

Special Discussion Item: A special discussion item was put on the Council agenda by President Bruce Bursten. The discussion focused on Achieving Sustainability (e.g., Energy, Water, Food): What can/should ACS do to address this key global scientific challenge? To kick off the discussion, ACS Board Chair Judy Benham invited Council to participate in identifying the challenges and developing solutions. She highlighted new and ongoing activities, such as the Global Challenges/Chemistry Solutions podcasts and related information, available online at www.acs.org/globalchallenges. She also sought Council input on member involvement and ACS programming in support of Goal #3 of the Strategic Plan: "ACS will be a global leader in enlisting the world's scientific professionals to address, through chemistry, the challenges facing our world." Councilors engaged in a robust exchange, offering several useful comments and suggestions to address how the Society might develop initiatives to address sustainability of the world's resources, including energy, water, and food. Thirty-five councilors offered a wide variety of suggestions, which will be studied. Councilors and others who have ideas should send them to strategicplan@acs.org.

ACTIONS OF THE BOARD OF DIRECTORS

The Board's Standing and Special Committees: The Board of Directors received reports from its Executive Committee, and the Committees on Grants and Awards, Public Affairs and Public Relations, Professional and Member Relations, and Budget and Finance. On the recommendation of the Committee on Grants and Awards, the Board VOTED to approve nominees for the 2009 Perkin Medal and the 2009 Othmer Gold Medal. On the recommendation of the Committee on Professional and Member Relations, the Board VOTED to approve in principle a proposed alliance between the ACS and the RSC titled *Research in Chemistry for Society/Sustainability* (RICHES). On the recommendation of the Committee on Budget and Finance, the Board VOTED to include funding requests for the ACS Leadership Development System and ACS Green Chemistry Institute[®] in the 2009 budget, and to accept the 2008 report from Program Review Advisory Group, as amended. The Board also

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accepted the recommendations from the 2008 Financial Planning Conference with one modification.

The Board received a status report from its International Strategy Implementation Task Force and an update on plans for a Board-Presidential Task Force on Education. The International Strategy Implementation Task Force is charged with implementing the recently approved Society international strategy, and the Board-Presidential Task Force on Education will attempt to answer the question: “What can a Society with 160,000 members uniquely do that can have a transformative effect on education in the United States?”

Strategic Issue: The Board of Directors continued its deliberations of the global scientific challenge Sustainability (e.g., energy, food, and water) and considered a proposed set of principles from the Committee on Environmental Improvement in this area. Addressing global scientific challenges is fundamental to strategic goal #3: ACS will be a global leader in enlisting the world’s scientific professionals to address, through chemistry, the challenges facing our world.

The Executive Director/CEO Report: The Executive Director/CEO, along with several of her direct reports, updated the Board on the following items: the ACS Green Chemistry Institute[®] Strategic Plan; the Web Presence Initiative; emerging issues affecting the Society; recommendations resulting from the new IRS Form 990 filing requirements; and the activities of Chemical Abstracts Service, the Publications Division, and the Society’s General Counsel. The emerging issues discussion was particularly vibrant as the ACS Board considered many of the key factors and trends that affect Society membership. As a follow-up to these reports the Board took several actions. The Board VOTED to amend its Regulations to conform with the new IRS Form 990 filing requirements; and on the recommendation of the Joint Board-Council Committee on Publications, the Board VOTED to approve the reappointment of several Society journal editors.

Other Society Issues: The Board received an update on its substantial progress toward achieving its 2008 goals, and discussed a draft of proposed 2009 goals. The Board concluded its session with introductions and briefings from several international dignitaries representing the Royal Society of Chemistry, the German Chemical Society, the European Association for Chemical and Molecular Sciences, the Canadian Chemical Society, the Mexican Chemical Society, and IUPAC.

Respectfully Submitted by Your Councilors: Mark Benvenuto, Jim Landis and Walter Siegl

FIFTY AND SIXTY YEAR MEMBERS

We encouraged the fifty-and sixty year members to share their valuable experiences in chemistry with us. Throughout the remainder of the year we will feature the biographies in The Chemist of these members.

BIOGRAPHY OF FRED G. ROUNDS

When I graduated from Washington State University in Chemical Engineering in 1949, I was one of the fortunate few to have a job offer. I was assigned to the Organic Chemistry Department of the General Motors Research Laboratories. One of the first jobs was to measure the effect on the performance of a single cylinder engine of diluting the intake air with gases ranging from water vapor and carbon dioxide to Freons with rather dramatic effects being observed with some diluant gases. When the department scope was expanded to include lubrication (Fuels and Lubricants Department), one of the first projects was to develop a lubricant for an infinitely variable friction drive transmission. As expected, the friction at the steel on steel contacts was a function of both the base stock and additive treatment. Because of the high loads necessary to transmit the engine torque to the drive wheels, metal fatigue was an additional problem and lubricant composition was found to have a significant effect. These studies led to studies of the interaction of lubricant additives on friction and wear. Another study was the effect of diesel engine soot on steel wear. When the use of Freon 12 in automotive air conditioning units was banned due to atmospheric ozone depletion, it was found that the lubricant used for Freon 12 was totally inadequate when used with the new Freon R-134a. A cooperative study with the lubricant industry developed a satisfactory lubricant with much of the test work being done at the Research Laboratories.

Free Shipping Discounts with FedEx(r) for ACS Members

NEW! ACS members can now enjoy significant savings on envelope and small parcel shipments sent via FedEx(r), one of the nation's premier small package carriers. All ACS members can receive discounts up to 26% on domestic and international shipments sent via FedEx(r), and up to 20% on printing and copying services at FedEx Offices. For more information, and to enroll online, go to:

www.partnership.com/65ACS/.

Mentors Wanted!

The U.S. National Chemistry Olympiad A Program Sponsored by the American Chemical Society Invites You to Apply for the Mentor Position

College and High School educators are invited to apply for a position as mentor for the U.S. National Chemistry Olympiad program. Duties during the three-year term include helping to conduct the national study camp for high school students held at the United States Air Force Academy located in Colorado during mid-June 2010, 2011 and 2012. Generally, in their second and third year, mentors accompany four U.S. student competitors to the International Chemistry Olympiad (IChO). During the competition, the mentors will serve as members of the IChO Jury. The 2011 and 2012 IChO events are scheduled to be held in Turkey and the U.S., respectively. Most students at the study camp have completed Advanced Placement Chemistry or the equivalent; therefore instruction at the camp is well beyond the level of high school general chemistry courses. The curriculum also includes considerable laboratory work.

Successful applicants are expected to have a background in one or more of the areas of organic, inorganic, analytical, physical, or biochemistry with classroom experience and should demonstrate involvement with students in special projects or activities. Applicants must be prepared to make a three-year term commitment as outlined above. ACS pays all expenses and travel costs, as well as an honorarium.

Interested individuals may obtain an application form at: www.acs.org/olympiad or by contacting:

Margaret Thatcher, Senior Program Associate
U.S. National Chemistry Olympiad Program
American Chemical Society
1155 Sixteenth Street, N.W.
Washington, DC 20036
(202) 872-6328

The deadline for completed applications is **January 27, 2009**. Applicants must also arrange to have three letters of reference forwarded to Cecilia Hernandez by February 7, 2009 at the above address.

For more information about the USNCO program visit

www.acs.org/olympiad.

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- <http://www.detroitsection-acs.org/dsacs12f.htm>
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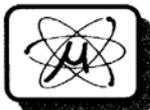
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Calendar of Upcoming Events

Oct 29 ANACHEM Symposium , *please see pages 1 & 2 for details.*

Nov 7 Kids & Chemistry at Royal Oak Career Fair, *see page 4 for details.*

Nov 10 YCC Backstage Tour of Detroit Opera House, *see pages 4 & 5 for details.*

Nov 15 Chemistry Day at Belle Isle, *see page 4 for details.*

Nov 17 YCC Brewing Chemistry, *see November issue of the Chemist for details.*

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