



# American Chemical Society

## Eastern North Carolina Section News

Vol. 48 Issue 1  
October 2008

### 2008 ACS LOCAL SECTION OFFICERS

The current Eastern North Carolina ACS section officers are shown below.

Officer	Names
Chair	Robert Hammond
Chair-Elect	Nominations still needed
Secretary	Jennifer Civelli
Treasurer	Jeff Rorer
Councilor	Sut Ahuja
Alternate Councilor	Andrew Morehead

Dr. Robert Hammond (hammond@ecu.edu) is currently a Visiting Assistant Professor of Chemistry at East Carolina University. Dr. Hammond is a physical chemist by training and has been an ACS member since 1981.

Jennifer Civelli (jcivelli@cfcc.edu) is currently a Chemistry Instructor at Cape Fear Community College. Ms. Civelli is a graduate from Cal Poly, San Luis Obispo and San Diego State University. Jennifer has been an ACS member since 2003.

Mr. Jeff Rorer (rorerj@mail.ecu.edu) is an Instructor at Pitt County Community College and East Carolina University and is a BS and MS graduate of East Carolina University. Mr. Rorer has been an ACS member since 1997.

Dr. Sut Ahuja (sutahuja@xaranda.net) is President of Ahuja Consulting for pharmaceutical and chemical industry. He specializes in separation chemistry and ultratrace analysis. Dr Ahuja has been an ACS member since 1964.

Dr. Andrew Morehead (moreheada@mail.ecu.edu) is an Assistant Professor of Chemistry at East Carolina University. Dr. Morehead is an organometallic chemist and has been an ACS member since 1990.

### 2008 CHAIR'S MESSAGE

This year we have had three speakers in the spring and two in the fall, the Chemathon, Chemistry Olympiad, National Chemistry week, and other activities for secondary school students. At this time of the year, however, there is another major required activity for the local section, elections. This year we need to hold elections for Chair, Chair-Elect, Secretary, and Treasurer. Please consider nominating yourself or some other willing person for these positions. Due to the deadline for the elections nominations must be received no later than November 26, 2007. Please send nominations to

Robert Hammond, [hammond@ecu.edu](mailto:hammond@ecu.edu), (252) 328-9728, 300 Science and Technology Building, East Carolina University, Greenville, NC 27858.

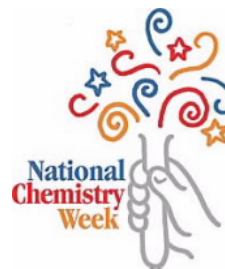
Please also expect to receive ballots during the last week of November.

Robert Hammond, Chair  
Eastern North Carolina Section ACS

### NATIONAL CHEMISTRY WEEK

2008 Theme: "Having a  
Ball with Chemistry"  
(October 19 – 25<sup>th</sup>, 2008)

National Chemistry Week (NCW) is a community-based annual event that unites ACS local sections, businesses, schools, and individuals in communicating the importance of chemistry to our quality of life.



### SCIENCE CAFE

Join us at a Science Café for a meeting  
of the Eastern North Carolina Section of the  
American Chemical Society

Wednesday, October 22, 2008  
5:15 pm

#### Discussion Leaders:

Dr. Sut Ahuja  
Prof. Larry Cahoon  
Ms. Bonnie Monteleone

#### Title:

Water Shortage and Purity: A Looming Crisis

Will future water shortages match our current gasoline crisis?

What are the issues and challenges for Wilmington water and watersheds?

How can we meet our water needs and maintain its quality?

#### Location:

Fat Tony's Restaurant  
250 Racine Drive, Wilmington  
452-9000

Food discount coupon for first 25 students

**Contact Person:**  
**Dr. Sut Ahuja**  
sutahuja@atmc.net  
910-287-7565

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### 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](mailto:service@acs.org). Please be sure to include your Member ID along with any changes that you report.

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### WHY TAKE AN ACS WEBCAST SHORT COURSE?

Few companies are immune from the economic hardships in the headlines and many budgets have been trimmed. But it is still crucial to your career to engage in continuing education to expand your skills and stay abreast of new topics. So save your time and money and take a look at the courses available online through the American Chemical Society. ACS offers a wide variety of webcast short courses and our fall schedule is open for registration now.

ACS courses are well-respected throughout the industry. ACS Webcast Short Courses provide the same quality training that ACS has long been known for, but, because the courses are presented over the Internet, they offer added convenience and flexibility.

**Small Class Sizes and In-Depth Personal Attention** – The average class has 12 participants, and our instructors are available by email in-between sessions so you will have ALL your questions answered.

**Interactive** – We've chosen a great technology that allows you to participate just as in a live class; you can even write on the whiteboard.

**Ready when you are** – Scheduled class sessions are the best way to get the most out of your experience. But if you miss a session, it's okay. All class sessions are recorded and ready for viewing when you're available.

**More Application Time** – Instead of getting all the information in a few days, you have time between sessions to apply what you've learned and come back to class with your burning questions. Overall, an extended learning schedule means more impact for you.

There are expanded course offerings in analytical, organic, pharmacology, engineering, instrumentation, and other areas. For the full list of Webcast Short

Courses and more information on available discounts, visit [www.acs.org/webcourses](http://www.acs.org/webcourses).

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### ACS SHORT COURSE CIRCUITS IN LA JOLLA, CA

The ACS Short Course Circuit offers you the opportunity to take advantage of a wider range of our course offerings in a single location and network with a variety of your colleagues. Register before November 3, 2008, and save \$100 off the course fee. Academic and Group Rate Discounts are also available. Certain restrictions apply.

For more information, please contact us at [shortcourses@acs.org](mailto:shortcourses@acs.org) or by phone at 202-872-4508.

**Where and When:** La Jolla, California, December 1-5, 2008

- [Chemical Engineering for Chemists](#), December 1-2
- [Kinetics of Enzyme Action - Basic Principles for Drug Hunters](#), December 1-2
- [Project Management for Technical Professionals](#), December 1-2
- [Essentials of Medicinal Chemistry and Pharmacology](#), December 1-2
- [Introduction to Modern Mass Spectrometry](#), December 1-2
- [Methods Development, Validation Procedures, and Conformity Assessment in the Analytical Laboratory](#), December 3-4
- [Drug-Like Properties in Drug Discovery](#), December 3-4
- [Pharmacokinetics and Pharmacodynamics: Principles and Applications in Pre-Clinical Drug Development](#), December 3-4
- [Formulation Development and Drug Delivery Systems for Therapeutic Proteins](#), December 3-5
- [Statistical Analysis of Laboratory Data](#), December 3-5
- [Recent Developments in Organic Synthesis](#), December 4-5

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**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](http://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](http://www.acs.org/olympiad).

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### 2008 MEMBER-GET-A-MEMBER CAMPAIGN: DEADLINE APPROACHING

The December 31, 2008 deadline is approaching! There are three months left to recruit for the 2008 Member-Get-A-Member (MGM) Campaign.

Every Member of the American Chemical Society that recruits one new paid member will receive a 2008 Periodic Table of the Elements Throw.

For MGM guidelines and to download an official MGM application, please go to:

[www.acs.org/memberGetmember](http://www.acs.org/memberGetmember).

And thank you for your continued support to the American Chemical Society!

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### 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/](http://www.partnership.com/65ACS/).

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### ACS CAREERS INDUSTRY FORUM

#### Monthly Teleconferences featuring Luminaries in the Chemical Sciences.

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.

Please join us on the 2nd Thursday of each month from 2 to 3 pm to discuss economic and employment trends with top industry executives in the chemical sciences. [Register](#) now.

This is a free service via conference call. Check us out for future new and innovative career services programs. We want to hear from you, please post comments on our blog at [www.acs.org/careers](http://www.acs.org/careers).

#### Soft Skills Training: Do you have what Employers want?

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](http://www.acs.org/professionaldevelopment).

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### ELI LILLY/WCC TRAVEL AWARD

Eli Lilly and Company and the American Chemical Society (ACS) Women Chemists Committee (WCC)

sponsor a program to provide funding for undergraduate, graduate, and postdoctoral women chemists to travel to ACS meetings to present the results of their research. Through this program, Eli Lilly and Company and WCC continue to increase the participation of women in the chemical sciences. Please submit your application by February 15, 2009 for travel between July 1 and December 31, 2009

For additional information please go to:

[www.acs.org/diversity](http://www.acs.org/diversity) > Awards & Recognition > Eli Lilly/WCC Travel Award.

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### **JOB OPPORTUNITIES**

**Description:** Classified Department of Homeland Security Project.

**Job Openings:** Chemist Consulting Positions  
*Job description found below.*

**Contact Information:**

Hank Chase, PE, SVP and Federal Practice Leader  
Integrity Consulting; 50 Carroll Creek Way, Suite 260,  
Frederick, MD 21701; 703.505.4460;  
[hchase@integrity.us.com](mailto:hchase@integrity.us.com)

*Job Description*

In order to meet regulatory requirements and mission goals, Department of Homeland Security (DHS) requires subject matter expertise capable of providing extensive technical guidance to achieve and exceed program requirements. This team will include scientists, technical experts and knowledge management professionals experienced in the areas of engineering, chemical engineering (including but not limited to petroleum), chemical facilities' processing practices, toxic industrial chemicals, risk/threat assessment and characterization, chemistry, industrial health and process safety engineers knowledgeable of the Maritime Transportation Security Act (MTSA) of 2002 and applicable regulations to assist with the following:

- a) Program Development and Implementation
- b) Consequence/Risk Assessment
- c) Chemical Security and Inspections
- d) Specialized Training

DHS will require these experts to support the following areas: analysis, design, engineering, and knowledge management skills to identify and validate chemical properties and potential chemical hazards, perform risk modeling of various types, support inspections, validate and characterize existing or potential chemical agents, retrieve data from public and government literature, modeling, and studies to support ISCD/ISCP legislative requirements and to provide technical assistance to the chemical sector. Training in the areas of process safety, risk management, hazardous materials/process hazard analysis, incident investigations and related areas will also be required.

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### **VOLUNTEER OPPORTUNITIES:**

#### **NATIONAL CHEMISTRY WEEK LOCAL COORDINATOR**

National Chemistry Week is a community-based program of the Office of Community Activities. This annual event unites ACS local section, businesses, schools, and individuals in communicating the importance of chemistry to our quality of life. We are in need of someone to help organize the local ACS members develop a program(s) for this great event.

If you are interested in volunteering for this position, please contact Dr. Robert Hammond:

Robert M. Hammond, Ph. D., Department of Chemistry, 300 Science and Technology Building, East Carolina University, Greenville, NC 27858, (252) 328-9728, [hammond@ecu.edu](mailto:hammond@ecu.edu)

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#### **STAY IN TOUCH WITH THE EDUCATION DIVISION**

ChemunityNews is a bimonthly electronic newsletter that connects chemistry educators to the activities of the ACS Education Division. It provides updates on newly published resources and materials, programs for students and educators, and upcoming workshops and meetings. You may view a recent issue by visiting the ChemunityNews Archives at [chemistry.org](http://chemistry.org). To subscribe, simply email [education@acs.org](mailto:education@acs.org).

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Chemical employers are encouraged to submit employment opportunity information to the section for distribution among the members of the Eastern North Carolina Section (ENC-ACS). This information will be published in the section's newsletter, which has a distribution of over 450 members. There is no charge for this service. Detailed job descriptions can be sent to: Jennifer Civelli, Secretary, ENC-ACS, Dept. of Chemistry, CFCC, Wilmington, NC, 28401 or by e-mail at [jcivelli@cfcc.edu](mailto:jcivelli@cfcc.edu).

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### **TRAVEL ASSISTANCE**

The Eastern North Carolina Section of the ACS provides limited financial assistance to graduate and undergraduate students who are presenting research results at technical conferences. Awards up to \$300 may be requested from the section to subsidize travel. Awards can be used to defray transportation, accommodation, and registration costs. Required criteria:

1. The student must be currently enrolled at a university or college.
2. The student must be presenting an oral or a poster presentation. (For poster presentations, only two students will be supported per poster.)
3. The student may only receive one travel award per year.

4. The student agrees to present a poster of their presentation at one of the section meetings.

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