

THE Central Arkansas



CHEMIST

The Newsletter of the Central Arkansas Local Section of the American Chemical Society

March 2007

General Meeting

Thursday, March 22

Location: UALR
Fribourgh Hall Room 102
Little Rock, AR

5:30 pm Dinner, Senor Tequila
S. University Ave.

7:30 p.m. Program
Jeffery Moran, Ph.D.
**“Addressing Public Health
Laboratory Workforce
Shortages through Chemistry
Internship Programs and
Effective Marketing”**

*To obtain driving directions, visit
membership.acs.org/c/centralarkansas*

Speaker's Biographical Sketch

Dr. Jeffery Moran holds a B.S. in Chemistry for Arkansas Tech University, Russellville, AR, and a Ph.D. in Toxicology from the University of Arkansas for Medical Sciences. Dr. Moran is currently employed by the Arkansas Division of Health, Department of Health and Human Services, as the Environmental Chemistry Section Leader and Lead Chemist for the Chemical Terrorism Laboratory. Dr. Moran holds faculty positions with UAMS, Fay Boozman College of Public Health, and with the University of Arkansas at Little Rock,

Chemistry. In addition he serves as a technical expert for the USEPA, the Association of Public Health Laboratories (APHL), and the Society of Toxicology. He has chaired the ACS Central Arkansas Section and remains very active with APHL. His research interests are exploring metabolic pathways to find small molecule biomarkers.

Looking Ahead

Symposium: **“Transportation of Hazardous Materials”**

9:00 a.m. – 3:00 p.m.

April 20, 2007

East Dining Room

Chambers Cafeteria

Arkansas Tech University

Russellville, AR

Cost to attend (includes lunch) is \$15

For additional information, go to

<http://www.atu.edu/msi> and scroll down to the link available.

Registration deadline is April 12th. Advanced registration only!

For questions, contact Steve Zimmer by email (szimmer@atu.edu) or by phone (479-964-0825).

Tuesday, April 24, 2007, 6:30 p.m.,
Central Arkansas Local Section Annual
Awards Banquet, UALR, Donaghey Student
Center (rooms B&C).

Tuesday, April 24, 2007, 3:00 p.m.,
SWRM Planning Committee, UALR,
Chemistry Dept. Conference Room.

Ever at a loss as to what's going on in the section?
Simply visit the section's website:
<http://membership.acs.org/c/centralarkansas>

You'll find the section's meeting schedule,
announcements, and information about services
provided by the section, along with other useful
links.

Other Meetings Around the Local Section

Central Arkansas Mass Spectrometry Users Group (CAMSUG)

This group meets monthly on the first Friday of
each month at 2pm in the Reynolds Institute on
Aging, Room G180, on the UAMS campus in Little
Rock.

The group focuses on practical aspects of mass
spectrometry with an emphasis on current research
projects from the participants' laboratories.

Contact Howard Hendrickson
(HendricksonHowardP@uams.edu) for more
information.

National ACS News

ACS Presidential Events – Chicago, IL

Catherine T. ("Katie") Hunt, ACS President 2007,
will be cosponsoring a full week of exciting
presidential events and sessions in Chicago. In her
desire to address substantive societal issues, she has
selected **Sustainability of Energy, Food and
Water** as the presidential theme for the Chicago
meeting in March and **Material Innovations:
From Nanotech to Biotech and Beyond** as the
presidential theme for the Boston meeting in
August. Her goal is to successfully execute
meaningful thematic programming at national
meetings that will not only nucleate ideas, foster
community, and accelerate innovation, but will be

essential to effectively communicate chemistry to a
broader audience. Openly discussing these topics as
a scientific community will better enable us to
speak with one voice to our membership, the media
and the general public.

**SUSTAINABILITY OF ENERGY, FOOD AND
WATER.** Three presidential sessions will be
featured, including **Sustainability: A World View**
on Sunday, March 25, **Technology Challenges and
Opportunities for a Sustainable Future** on
Monday, March 26, and **Educating for
Sustainability** on Monday, March 26. These
themes are well-aligned with the ACS strategic plan
and the new thematic programming initiative of
ACS divisions and secretariats for national
meetings. For full descriptions of these sessions,
refer the Sustainability (SUST) listing in the
technical program or on-line at
chemistry.org/meetings/chicago2007.

- **Sustainability: A World View**, Sunday, March 25, 1
to 4 PM, McCormick Place.
- **Presidential Reception**, Sunday, March 25, 4:30 to 6
PM, McCormick Place.
- **Pressing Challenges and Technology
Opportunities for a Sustainable Future**, Monday,
March 26, 8 to 11:30 AM, McCormick Place.
- **Sustainability Luncheon**, Monday, March 26, 11:45
AM to 1:15 PM, McCormick Place. (See Ticketed
Events for ticket information.)
- **Educating for Sustainability**, Monday, March 26,
1:30 to 4:30 PM, McCormick Place.

**CHEMISTRY IN ACTION: IT'S EASY BEING
GREEN COMMUNITY OUTREACH
PROJECT FOR UPPER ELEMENTARY AND
MIDDLE SCHOOL STUDENTS** [cosponsored
by Committee on Community Activities]. Saturday,
March 24, 11 AM to 1 PM, The Notebaert Nature
Museum at 2430 N. Cannon Dr.

**OTHER SYMPOSIA AND EVENTS
SUPPORTED BY THE PRESIDENT.** In addition
to all Sustainability events, the following sessions
are cosponsored by the ACS President.

- **Student Affiliates ACS Chapter Awards**
[sponsored by CHED] Sunday, March 25, 7 to 8:30
PM, Hotel Westin Michigan Avenue.
- **Realizing the Full Potential of Solar Energy
Conversion through Basic Research in Chemistry**

and Biochemistry [sponsored by PHYS; cosponsored with SUST], Monday, March 26, 8 AM to 5 PM, McCormick Place.

- **Sustainability and Chemistry: Tomorrow's Challenge for Today's Students** [sponsored by SOCED; cosponsored with CEI], Monday, March 26, 9 to 10 AM, Westin Michigan Avenue.
- **Going with the Flow: Water Sustainability: Past, Present, Future** [sponsored by HIST; cosponsored with SUST and ENVR] Tuesday, March 27, 8:30 AM to 12 Noon, McCormick Place.
- **Benchmarking the Research Competitiveness of U.S. Chemistry and Chemical Engineering** [sponsored by PRES, cosponsored with CHED, CEPA, ComSCI, and International Activities Committee] Tuesday, March 27, 2 – 4:30 PM, McCormick Place.
- **Excellence in Graduate Polymer Science Research Symposium** [sponsored by POLY; cosponsored with YCC and PROF], Poster Session: Sunday, March 25, 6 to 8 PM, Hyatt Regency Chicago; Oral Session: Monday, March 26, 8:30 AM to 5:30 PM, McCormick Place;
- **Undergraduate Research in Polymer Science** [sponsored by POLY], Oral Session: Sunday, March 25, 8:30 to 12:30 PM, McCormick Place; Poster Session: Sunday, March 25, 6 to 8 PM, Hyatt Regency Chicago.
- **Women Achieving Success: the ACS as a Platform in Leadership Development** [sponsored by WCC; cosponsored with PROF], Tuesday, March 27, 9 to 10:40 PM and 2 to 5:15 PM, Hyatt Regency McCormick Place.

AAAS Seeks Role Models with Disabilities for Resource Directory

Participate in the Resource Directory of Scientists and Engineers with Disabilities

Are you a scientist, engineer, IT professional, or mathematician with a sensory, mobility, learning, or other disability? The American Association for the Advancement of Science (AAAS) invites you to participate in the Resource Directory of Scientists and Engineers with Disabilities. This Directory is used by the National Science Foundation, government agencies, universities, newspapers, and individuals to recruit advisors, speakers, mentors, and peer-reviewers. Find out more and how to participate by going to <http://ehrweb.aaas.org/resource> or email Tesa Leon at tleon@aaas.org.

Local Section News

Attention Student Affiliate Chapter and Chemistry Club Advisors: Call for Nominations for 5th Annual Professor of the Year Award

If you are a senior chemistry major, is there a professor who has had a profound impact upon your development as a chemist? If so, why?

For the fifth consecutive year, the Central AR Section will honor a college or university chemistry professor at our upcoming local section awards banquet. To nominate your favorite professor, simply answer the questions above to tell the selection committee members why you feel that your mentor is deserving of this award.

Send your nominations to Dr. Cheryl Lichti (Cheryl.Lichti@arkansas.gov) by April, 2007. The recipient will be announced at the awards banquet on April 22.

Volunteer Opportunities

Local Section Awards Banquet

The annual ACS Central Arkansas Section Awards Banquet will be held on April 24, 2007 at UALR. Persons to be honored at this banquet include outstanding senior college chemistry students, science fair winners, Chemistry Olympiad winners, 50-Year ACS Members, and our High School Teacher of the Year and Professor of the Year. Your assistance is needed in organizing this event! If you are interested in helping, please contact Cheryl Lichti (Cheryl.Lichti@arkansas.gov) for more information.

SWRM 2008

ACS Central Arkansas Section will be hosting the Southwest Regional Meeting, which will be held Oct. 1-4, 2008, at the Peabody Hotel in Little Rock. If you would be interested in assisting in this meeting, please contact our Organizing Committee Chair, Dr. Marty Perry (perry@obu.edu). We

have several great opportunities for interested volunteers, including:

Programming: The program for our meeting will include general sessions in each of the traditional areas of chemistry, plus several special symposia. We are also discussing the possibility of having plenary roundtable discussions on topics such as nanotechnology and biofuels. If you are interested in serving on the Programming Committee please contact Dr. Cheryl Lichti (Cheryl.Lichti@arkansas.gov).

Awards Banquet: An awards banquet is traditionally held as a part of the regional meeting. We are excited to announce that the awards banquet for the 2008 Regional Meeting will be held in the Great Hall of the Clinton Presidential Library. If you are interested in serving on the planning committee for this event, please contact Dr. Marty Perry (perrym@obu.edu).

Local Section Highlights

At a Glance...

The Arkansas Public Health Laboratory

Arkansas Division of Health, Department of Health and Human Services (ADH-DHHS) protects the health of Arkansas citizens every day by ensuring that food and drinking water sources are safe to eat and drink, that highly infectious diseases are promptly recognized and controlled, and that all newborn babies are tested for serious genetic disorders. The Arkansas Public Health Laboratory (APHL) serves as a resource by providing training and technical support for other laboratories throughout the state, and in some cases neighboring states. In total, the APHL performs over 800,000 tests per year for > 500,000 individual specimens collected from environmental, food, and clinical sources. With regard to chemical testing in drinking water, APHL has four separate laboratory units with over 35 scientists who conduct a broad array of analyses on raw and purified water specimens. The laboratory units include Inorganic Chemistry, Organic Chemistry, Radiochemistry, and Environmental Microbiology. Together, these laboratories examine many analytes in water, from fluoride to radium to coliform bacteria, and process over 100,000 specimens per year.

If you have an article or job posting that you would like to have considered for publication in our newsletter, send it to the Section Secretary, Dr. Cheryl Lichti (Cheryl.Lichti@arkansas.gov) for review.

The *Central Arkansas Chemist* is published as needed by the Central Arkansas Local Section of the American Chemical Society. Section Chair, Howard Hendrickson, University of Arkansas for Medical Sciences #611, 501-603-1547. Chair-Elect, Robin Lasey, Arkansas Tech University Russellville, AR 72801-2222 (rlasey@atu.edu). Address all correspondence to the Section Secretary, Cheryl Lichti, ADHHS Public Health Laboratory (Cheryl.Lichti@arkansas.gov). Newsletter contributions should be sent directly to the Section Secretary in electronic form. The Central Arkansas Local Section Web site is <http://membership.acs.org/c/centralarkansas>.
