

October Section Meeting:

- Speaker:** Steven Dutch, University of Wisconsin,
Green Bay
- Topic:** Beware the Pseudoscientist
- Place:** Lawrence Technical Institute, University
Technology and Learning Center
(UTLC), Room T429 (Lear Auditorium)
(see map and directions page 15)
- Date:** Monday, October 5, 2009
- Time:** Dinner: 5:00 p.m. at Meriwether's
Talk: 7:00 p.m.

Abstract: There is a vast industry in the United States that is engaged in the manufacture and dissemination of scientific misinformation. Pseudoscience, or ideas that claim scientific validity but are demonstrably faulty, finds an audience for a variety of reasons. Some beliefs (diet fads) promise easy solutions to otherwise intractable problems. Others (creationism, psychic research, UFO beliefs) either are aimed directly at supporting a specific religious dogma or serve as substitutes for religion. Many beliefs (Bigfoot) seem mostly intended to titillate and lend a little excitement to life. Many beliefs (laetrile in particular) seem to serve as a focus for discontent. Virtually all pseudoscientific theories have elements of the anti-authoritarianism that fueled the laetrile campaign. The best defense against pseudoscience is scientific literacy, but there are useful clues the non-scientists can look for. Almost all pseudoscience has a touch of paranoia; the single best clue is any allegation of conspiracy or persecution. Other common aspects of pseudoscience are exaggeration of uncertainties in science, extreme relativ-

(Continued on page 2)

(Continued from page 1)

ism, overly complex approaches to otherwise simple problems, local fallacies, and distortion of credentials. Pseudoscience is not merely an irritating fad. It has created an environment in which faulty reasoning is deemed scientifically legitimate, pseudoscientists attain the status of experts, and where many Americans literally have no idea what is true on subjects like evolution or psychic research.

The Speaker: Steven Dutch is a geologist who got his bachelor's degree (and a ringside seat for the unrest of the 1960s) from the University of California at Berkeley. He did his doctoral research at Columbia University, with a break for military service that included a year in Turkey. The subject of his thesis was the geology of the Sudbury, Ontario area, but in 1975, he also participated in a Columbia expedition to Antarctica. Since 1976, he has been at the University of Wisconsin at Green Bay, where he holds the rank of professor and teaches "hard rock" geology: mineralogy, petrology, structural geology, and plate tectonics. His principal research interests are the Precambrian geology of the Great Lakes region, the development of computer programs for earth science education, and the relationships between science and society, particularly as expressed in pseudoscience movements. He is the author of an earth science textbook. In 1982, Dr. Dutch resumed his military career by joining the 432nd Civil Affairs Battalion of the U.S. Army Reserve. He spent six months in the Persian Gulf and Kurdistan in 1991 and six months with the peacekeeping mission in Bosnia in 1996, and retired from the military in 2001.

Want to improve the public's appreciation for chemistry? Become a Chemistry Ambassador!

Chemistry Ambassadors is a new ACS program that invites members to help improve public awareness and appreciation for chemistry in the communities where they live.

Some of you are already doing this through NCW and other activities, we applaud you. But we also know that many of our members are not able to be active in their local sections, yet they are concerned about the public's appreciation for chemistry. If you feel you don't have time to become personally involved in making a difference, we ask you to think again. Chemistry Ambassadors is custom made to fit *your* schedule and *your* interests, no matter how little time, or how much you can afford to spend.

If someone asks what you do for living, do you have a response that's comfortable for you and relevant for the other person? Are you willing to provide ACS scholarship information to a high school guidance counselor? How about science podcasts for younger students? Willing to send a letter to your elected official to influence science policy? Sample scripts and letters will be provided, along with audience-appropriate messages about chemistry. And if you have more time, we have more suggestions and more tools.

For more information, e-mail Keith Lindblom at k_lindblom@acs.org.

Engaging Colleagues in Dialogue

The Detroit Local Section is pleased to offer an ACS Leadership Development System course at no cost to individuals in the area. The system is an integrated framework of learning modules designed to help members develop into highly skilled leaders. Members of all leadership levels are invited to come to the module being presented, “Engaging Colleagues in Dialogue,” either as a refresher course or to learn a skill desired by companies. As communication skills are so fundamental to any volunteer and leadership role, we encourage all members to attend this course. You’ll gain skills that are highly transferable in your volunteer and professional roles.

Engaging Colleagues in Dialogue will be available FREE to the TriSectional area from 1-5 pm on October 3, 2009 at the Lawrence Technological Institute Science Building, Room S314 in Southfield, MI. (See page 15 for map and directions.) Class size is limited to 30 **pre-registered** participants. Course Details are provided below or online at:

www.acs.org/professionaldevelopment.

Engaging Colleagues in Dialogue is a four-hour, hands-on course that helps attendees improve their one-to-one communication skills. Participants will learn how to improve both sides of the communication exchange: first working to understand what is being communicated and second, working to be better understood in your own communications. You will even have an opportunity to assess your own communications skills through conversations with colleagues (within ACS and in your workplace).

Participants will:

- Learn that good communication is truly a two-way street. Without solid understanding and practice, your communications can lead to misunderstandings.
- Track your own communication skills prior to the course, and examine how you performed on the six dimensions of the communications model.
- Learn three skills that help you to understand the other person’s intended message better, versus relying on your own interpretation.
- Learn three skills to help you be better understood.
- Gain real-life practice and individual advice on things to focus on in your conversations.
- You will observe that engaging colleagues, volunteers, and other leaders in effective dialogue is central to your ability to complete key projects, lead committees, and achieve success for your team, ACS, your employer, and yourself.

(Continued on page 4)

(Continued from page 3)

Don't underestimate the value of strong two-way communications and fall into the trap of the "telephone game" hindering your ability to understand and be understood. Register now for Engaging Colleagues in Dialogue to take part in this great member benefit!

Attendees MUST pre-register for this course by logging on to the ACS Center for Professional Development at <http://acs.learn.com/custom/customloginpage.asp>. If you already have an account, simply log-in. If you do not, you'll need to create an account by entering your first name, last name, email and your ACS membership number after clicking on "Create an account".

Four easy steps to enroll in workshop:

1. Please use www.acs.org/professionaldevelopment for the registration site and **log in**.
2. Choose the "All Courses" tab on the left. Students should click on *Engaging Colleagues in Dialogue* "full course description and enrollment options" tab.
(OR venture to "Events and meetings" tab on the left, scroll to the bottom for Local Section events, and choose *Engaging Colleagues in Dialogue* "full course description and enrollment options" tab for the workshop held at Lawrence Tech.)
3. At the bottom of the description is the "Enroll" button.
4. It will open a window (allow pop-ups) and an enrollment information screen will appear. This screen notes how many seats are available. Press "Enroll" again on this screen.

Note: If you are already enrolled and want to drop this course, please log back in and go to this screen to press "Drop" to allow others a chance to take the workshop.

While you are there, check out the 1-hour Online Harvard Business (and management) Course schedule. The courses are available at a substantially discounted rate of \$25 per course and lower rates are available for members who are currently unemployed. (Site may be viewed from www.acs.org/careers as well.)

We are looking forward to seeing you there!



American Chemical Society – Detroit Local Section – Younger Chemists
Committee Presents:



Tuesday, October 20, 2009
at 7 PM
at Traffic Jam & Snug in Detroit

Forensic Photography

Presented by: Joe Sopkowicz

Explore the evolution of photography related to forensic science in this captivating lecture. The chemistry of taking and processing photographs will be explained throughout the transition from film to Polaroid to digital technologies. Forensic photographer Joe Sopkowicz will explain the science of photography along with the reasons for its use in forensic applications.

A collection of crime scene and death photographs will be shown and analyzed. Joe Sopkowicz will provide insight to the investigation process and how it relates to the photographs. The examination of crime scene photographs can be related to toxicology, DNA, fingerprinting and other types of evidence.

WARNING: MAY CONTAIN GRAPHIC AND DISTURBING IMAGES

The evening of libations, edible delights and science inquiry begins at 7:00 p.m. at Traffic Jam & Snug, 511 West Canfield Street on the corner of Second Avenue, Detroit, just south of Wayne State University. There is no admission charge, and free parking is available. For directions, visit <http://www.trafficjamdetroit.com/location.php>

For more information, please visit: www.brewingchemistry.com
Or contact Meghann Mouyianis at 313-993-1259 or
meghann@brewingchemistry.com

Volunteers Needed for Chemistry Day

What: Chemistry Day at Belle Isle!

When: Saturday, November 14, 2009

Where: Belle Isle "Casino" Detroit, Michigan

Time: 8:00 AM – 1:00 PM

The Detroit Section of the American Chemical Society's Minority Affairs Committee is partnering with the Girl Scouts of Metro Detroit for Chemistry Day at Belle Isle. The Girl Scouts will be participating in a community service activity while learning about the fun of chemistry. They will learn about chemistry by doing hands-on experiments and participating in a career game contest with prizes. Through these activities, the Scouts will each earn a National Chemistry Week patch. Registration will be handled directly with the Girl Scouts of Metro Detroit (contact Caroline Feathers at 800-326-0309 Ext. 258). This will be a large program both in terms of Girl Scouts (200 expected) and in terms of volunteers participating (25+).

The chemistry aspect of the day includes hands-on experiments. We will have 6 experiments set up on tables in the Casino. They will include polymer cross-linking (making Gloop), Slime!, and dry ice experiment. Our audience will consist of the Junior Girl Scouts of Metro Detroit.

Megan Klein and Denise Grimsley, will take responsibility for preparing the supplies and setting up the experiments. The community service project will be coordinated by Liz Roberts-Kirchhoff. The career game contest will be developed and organized by Meghann Mouyianis. Mary Kay Heidtke will serve as the overall coordinator for the event. We will need ~20 - 25 additional volunteers to participate in demonstrating the experiments and overseeing the community service project. Our participation is scheduled for Saturday, November 14th from 8:00 AM to 1:00 PM. We would especially welcome women and minority chemists who could help serve as role models for the girls. Your help will be greatly appreciated!

If you are interested in joining some of your fellow chemical professionals in a fun morning of community service, please contact Mary Kay Heidtke at mkheidtke@aol.com or 313-843-7855. A continental breakfast and lunch (pizza) will be provided.

COUNCILOR REPORT

238th ACS NATIONAL MEETING , WASHINGTON, DC, AUGUST 16-20, 2009, Submitted by M. Benvenuto, J. landis and W. Siegl

The following is a summary of key actions and discussions of the ACS Council and Board of Directors at the 2009 fall national meeting.

ACTIONS OF THE COUNCIL

Election Results

- The Council elected G. Bryan Balazs, Dawn A. Brooks, Les W. McQuire, Ingrid Montes, and Frankie K. Wood-Black for the 2010-2012 term to membership on the Committee on Committees.
- The Council elected M. Elizabeth Derrick, Thomas R. Gilbert, Willem R. Leenstra, and Carolyn Ribes for the 2010-2012 term to membership on the Council Policy Committee.
- The Council elected Dwight W. Chasar, Milagros Delgado, Kevin J. Edgar, Sharon P. Shoemaker, and Ellen B. Stechel for the 2010-2012 term to membership on the Committee on Nominations and Elections.

Candidates for President-Elect and Board of Directors

- The candidates for the fall 2009 ACS national election were announced as follows:

President-Elect 2010

Nancy B. Jackson, International Chemical Threat Reduction Department
Manager, Sandia National Laboratories, Albuquerque, NM

Cheryl A. Martin, Currently on sabbatical; former Corporate Vice President and

General Manager, Rohm and Haas Company, Philadelphia, PA
Mary Virginia Orna, Professor of Chemistry, College of New Rochelle,
New Rochelle, NY

Directors-at-Large - 2010-2012

Dennis Chamot, Associate Executive Director, Division of Engineering
and Physical

Sciences, National Research Council, Washington, DC

H. N. Cheng, Research Chemist, US Department of Agriculture, New Orleans, LA

Ray A. Dickie, Retired, Ford Motor Company, Efland, NC

Valerie J. Kuck, Retired, Lucent Technologies, Montclair, NJ

Howard M. Peters, Retired, Peters, Verny, LLP, Palo Alto, CA

Petitions

(For Action)

- The Council received two amendments to the ACS Constitution and By-laws for action: The Petition on Candidate Selection by Member Petition – (to be considered for Urgent Action) and the Petition on Election Timelines and Procedures 2009.

(Continued on page 8)

(Continued from page 7)

- The Petition on Candidate Selection by Member Petition proposes to permit candidates to be selected by a petition process from members. To be considered for urgent action, the petition required a $\frac{3}{4}$ affirmative vote. After considerable discussion, a vote to consider the petition at the 2009 fall meeting FAILED. Absent urgent action, the Petition on Candidate Selection by Member Petition will now be up for action at the 2010 spring meeting of the Council.
- Next, the Council discussed in great detail the Petition on Election Timelines and Procedures 2009. This petition proposes to shorten certain election timelines and change petition candidates (who go straight on the ballot if they obtain enough signatures) to petition nominees (who need to be screened by Council along with other nominees chosen by the Committee on Nominations and Elections). After rejecting a request to have a recorded vote, the Council VOTED to recommit the petition to the Committee on Nominations and Elections with instructions. Following this action, N&E sought input through a nonbinding survey to help guide their revisions. A revised petition will likely be up for action at the 2010 spring Council meeting.

(For Consideration)

- The Council received one petition for consideration: the Petition on Admissions Committee. This petition removes the Admissions Committee from the Bylaws and transfers its functions to the Council Committee on Membership Affairs. Action is expected on the petition at the 2010 spring meeting.

Committee Review

- As part of a regular performance review, the Council VOTED to continue the Committees on Chemical Safety, Minority Affairs, Chemical Abstracts Service, Technician Affairs, and Analytical Reagents. Continuing the first three committees requires Board of Directors concurrence.

Registration Report and 2010 National Meeting Registration Fee

- As of August 19, 2009, the ACS fall national meeting had attracted 14,319 registrants. This was the largest Washington meeting in history. Totals in select categories are as follows: Regular attendees 8,575; Students 3,159; Guests 462; Exhibit Only 676; and Exhibitors 1,447. 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 recommended to the Board an increase of \$10 for the 2010 national meeting registration fee. The Board will act on this recommendation shortly.

Membership Activity

(Continued on page 9)

(Continued from page 8)

- The provisions of the Petition on Membership Categories and Requirements were fully implemented this past June with the transfer of former Student Affiliates to Student Member status, and Associate Members to regular Member status. As of July 31, the Society had 9,732 Student Members – 6,500 of them former Student Affiliates and more than 3,000 of them new Student Members.

Dissolution of the Division of Chemical Technicians

- At the 2009 spring Council meeting, the Divisional Activities Committee (DAC) reported that it had voted to accept a recommendation from the Division of Chemical Technicians (TECH) that the division disband and to recommend this action to Council in the fall. On recommendation of DAC, as recommended by TECH, the Council VOTED to disband the Division of Chemical Technicians effective December 31, 2009. DAC agreed that TECH has accomplished its mission of enhancing the status of technicians in the American Chemical Society, and now they are integrated into the other technical divisions.

Changes to Charter Bylaws for New Local Sections and International Chemical Sciences Chapters and Bylaws for Divisions in Probationary Status

- The Council VOTED to accept changes to charter bylaws for new local sections and international chemical sciences chapters, and bylaws for divisions in probationary status. These changes, which were developed in cooperation with the Committees on Divisional Activities, Local Section Activities, and International Activities, are a result of changes to the Constitution and Bylaws made as a result of the Petition on Membership Categories and Requirements, which became effective on June 30.

ACTIONS OF THE BOARD OF DIRECTORS

Board Committees and Task Force Actions

- The Board of Directors VOTED to approve nominees for the 2010 Perkin Medal and the Alan T. Waterman Award. The Perkin Medal, awarded by the American section of the Society of Chemical Industry to a scientist residing in the US, recognizes innovation in applied chemistry resulting in outstanding commercial development. The Alan T. Waterman Award, presented by the National Science Foundation, recognizes an outstanding young researcher in any field of science or engineering.
- The Committee on Public Affairs and Public Relations announced the designation of “Dip-and-read Tests for Blood and Urine Glucose” (work of Al and Helen Free) as a National Historic Chemical Landmark. The committee also reported on its approval of a new healthcare policy statement, received from the Committee on Economic and Professional Affairs.
- The Board VOTED to approve an action recommended by the Committee on Professional & Member Relations to accept with minor revisions the key terms contained in a draft Memorandum of Understanding (MOU) between ACS and the Royal Society of Chemistry. The MOU: a) offers

(Continued on page 10)

(Continued from page 9)

an opportunity for the ACS and RSC to develop and distribute a “primer,” both in hard-copy and electronic format, to provide the wider population with a basic understanding of the chemistry underlying issues related to sustainability; b) provides a series of joint seminars in the UK, US and elsewhere with participation by scientists, media and decision-makers to focus on sustainability; and c) supports collaboration on activities that train scientists to address issues relating to sustainability and other global challenges in non-technical, readily understandable communications.

- On the recommendation of the Committee on Budget and Finance, the Board VOTED to fund a new program (Science Coaches) and to reauthorize an existing program (ACS Green Chemistry Institute[®]) in the 2010 budget.
- The Board of Directors received a report from the Board–Presidential Task Force on Education. This task force is charged with 1) reviewing recommendations contained in national STEM (Science, Technology, Engineering, and Mathematics) education reports released during the past five years; 2) identifying specific actions that the Society could undertake in response to these recommendations; and 3) creating a priority list of actionable items where the Society can have a unique impact on STEM education. The new Science Coaches initiative was one of the task force’s recommendations.

The Society’s Finances

- In view of the ongoing global recession and its impact of the Society’s finances, the Board received an update on the Society’s current financial position and the projected financial performance for 2009. The Society is projected to end the year with a net contribution from operations of \$11.2 million, or \$528,000 favorable to the 2009 approved budget. The favorable projection is largely the result of Contingency Plan actions and expense management initiatives implemented in early 2009, which are expected to fully offset revenue shortfalls in the Approved Budget across several categories.

Strategic Issues

- At its retreat held earlier this year, the Board developed a “dashboard,” i.e. a list of possible Key Performance Indicators (KPIs) related to ACS strategic progress. At this meeting, a Board task force presented a draft dashboard for review. The Board agreed to continue this discussion at its December meeting.

The Executive Director/CEO Report

- The Executive Director/CEO, along with several of her direct reports, updated the Board on the activities of the Publications Division, Chemical Abstracts Service, and the Society’s General Counsel (including the Leadscope litigation). As a part of the Publications report, the Board VOTED to approve the re-appointment of three journal editors.

(Continued on page 11)

(Continued from page 10)

Compensation of Society Executive Staff

- The Board received a report from its Committee on Executive Compensation and voted to approve several actions relative to compensation for the Society's Executive staff. The compensation of the Society's executive staff receives regular review from the Board.

Other Society Issues

- The Board received a briefing from its Chair on her recent meeting with International Union of Pure and Applied Chemistry (IUPAC) leaders and plans for the International Year of Chemistry-2011 (IYOC-2011). The Board also was briefed by International leaders from the European Association for Chemical and Molecular Sciences (EuChemS), the German Chemical Society, the Korean Chemical Society, the Mexican Chemical Society, the Royal Society of Chemistry, and the Serbian Chemical Society on their strategic directions and on their plans for IYOC-2011.
- With the creation of the ACS Leadership Development System, the Society is now better positioned to create the skilled leadership needed to advance as the world's largest scientific society and to achieve its mission. In recognition of this achievement, the Board awarded plaques to its Oversight Group on Leadership Development for outstanding work on this major initiative.
- The Board received a briefing on a new program to equip ACS members to be more effective spokespersons for chemistry. It is called the Chemistry Ambassadors program, and information may be found at www.acs.org/chemistryambassadors.

Want to Support Your Local Chemistry Teachers? Need Materials for a High School Event?

Consider the *ChemMatters* publication. *ChemMatters* is a bimonthly magazine for high school students published by the ACS Education Division, and its mission is to help students find connections between the chemistry they learn and the world around them. Each issue brings intriguing stories informing readers about creative applications of chemistry or real-life mysteries solved by chemistry. A free, web-based Teacher's Guide contains background information, follow-up hands-on activities, classroom demonstrations, and other resources allowing teachers to incorporate *ChemMatters* into their instruction, or assign it as supplemental reading. A 25-year archive of the *ChemMatters* magazine is now also available on CD.

Support high school teachers and students in your area and present them with a gift of a *ChemMatters* subscription (only \$14) or *ChemMatters* CD (\$30). For more information about these great resources visit www.acs.org/ChemMatters. To receive a limited number of free copies of *ChemMatters* contact Marta Gmurczyk at m_gmurczyk@acs.org or 202-452-2105

2009 ANACHEM / SAS Symposium
Thursday, October 29, 2009
Burton Manor

Call for Poster Presentations

Symposium Description:

The 2009 ANACHEM/SAS Symposium will be held on Thursday, October 29, 2009 at Burton Manor in Livonia, MI. The site is easily accessed from interstate highway I-96. A plenary lecture and an oral session with invited speakers will be given in honor of Professor Scott McLuckey, the 2008 recipient of the ANACHEM Award. As always, an instrument exhibit and two educational workshops are integral parts of this annual symposium on chemical analysis.

This year's symposium will also feature sessions devoted to student research, mass spectrometry, and other topics of current analytical interest.

Student Sessions:

Graduate and undergraduate students are encouraged to participate both in the poster session and in an oral session highlighting academic research at local universities. There is a \$200 cash prize for the best graduate paper presented in the oral student session and a \$100 cash prize for the best undergraduate poster presentation. Titles and abstracts for student oral session and poster session are due **October 9, 2009**.

Poster Session:

Papers are also being solicited for presentation in the afternoon poster session. The poster session is an excellent opportunity to share your research with the local analytical community.

Final titles and abstracts for all sessions will be accepted through **October 9, 2009**. Send your titles and abstracts to Patricia Coleman, pcoleman@chem.wayne.edu. For questions about the exhibit contact Michael Iglehart at:

michael.iglehart@basf.com.

FIRST CALL FOR ABSTRACTS

42nd Central Regional Meeting of the ACS

CHEMISTRY: REACTING TO PROVIDE NEW TECHNOLOGIES

June 16-19, 2010, Dayton Convention Center and Crown Plaza Hotel in Historic Downtown Dayton, Ohio!

Featured Symposia

- Computational Materials Science: Theory, Modeling, & Simulation
- Nanomaterials: Synthesis, Structures, Functionalization & Applications
- New Vistas in Biotechnology: Chemistry, Materials & Applications
- Combinatorial Characterization in Nano-Bio Systems
- Chemistry & Materials for Alternative Energy
- Metamaterials
- Chemistry for Peace
- Small Chemical Business Programming
- Materials for Aerospace and Space Applications
- Chemical Education Symposium and HS Teacher Award
- Chemical Information and the Patterson-Crane Award
- Minority Leaders in Nanomaterials Research Workshop
- Traditional areas, such as Organic, Inorganic, Biochemistry, and P-Chem
- Student Poster Sessions

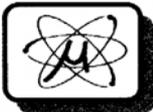


Go to CeRMACS2010.org for more information and to submit your abstract!

Pre- and Post-Meeting Attractions

- Dayton Dragons Baseball at Fifth-Third Field, Downtown Dayton – daytondragons.com
- US Air Force Museum – www.nationalmuseum.af.mil
- The Dayton Art Institute – www.daytonartinstitute.org
- Boonshoft Museum of Discovery – www.boonshoftmuseum.org
- Schuster Performing Arts Center – www.schustercenter.org
- Historical Oregon District – www.oregondistrict.org
- Carillon Historical Park – www.carillonpark.org
- The Dayton International Peace Museum – www.daytonpeacemuseum.org
- Paramount's Kings Island (35 miles south)
- And a Plethora of Wright-Brothers Activities – www.nps.gov/daav

Business Directory



Micron Analytical Services

COMPLETE MATERIALS CHARACTERIZATION
MORPHOLOGY CHEMISTRY STRUCTURE

SEM/EDXA • EPA/WDXA • XRD XRF • ESCA • AUGER • FTIR • DSC/TGA

Registered with FDA • DEA GMP/GLP Compliant

3815 Lancaster Pike Wilmington DE. 19805
E-Mail micronanalytical@compuserve.com

Voice 302-998-1184, Fax 302-998-1836
Web Page: www.micronanalytical.com

NMR Service 500MHz

*Mass

*Elemental Analysis

NuMega Resonance Labs

numegalabs.com P- 858-793-6057



- Deformation
- Failure Analysis
- Formulation Services
- Analytical & Physical Testing
- Litigation Support

888.772.9000
www.cas-mi.com

ISO 9001-2000 Certified

SEARCHING FOR THAT SPECIAL JOB?

There are many companies and organizations searching for chemical and biochemical personnel to fill important jobs in their organizations.

- Companies for laboratory and management positions
- Universities & Colleges for teaching positions and laboratory personnel
- Hospitals for technical and research personnel

There are several web sites that may help you search for these open positions.

- www.mboservices.net
- <http://www.acs.org>

WANT MORE ARTICLES

When you tell our advertisers that you saw their ads here they have more confidence in our newsletter's viability as an advertising medium. They advertise more. This supports our many activities.

<u>Index of Advertisers</u>	<u>Page</u>
CAS-MI Laboratories	14
Detroit Section, ACS	14
Micron Analytical Services	14
NuMega Resonance Labs	14

Lawrence Technological University By Car

From the Southwest and Detroit Metro Airport:

Follow I-94 East to the northbound Southfield Freeway (M-39). Exit onto northbound M-10 (Northwestern Highway/Lodge Freeway). Proceed north and exit at Ten Mile Road/Evergreen Road. Take the Northwestern Highway Service Drive to Ten Mile Road. Turn left onto Ten Mile Road. The campus entrance is on the right.

From the West and Ann Arbor (via I-94 and M-14):

Follow I-94 East to eastbound M-14. Continue on M-14 to northbound I-275. Take I-275 North to I-696 East. Proceed east on I-696 to southbound M-10 (Northwestern Highway/Lodge Freeway). Exit at Ten Mile Road/Evergreen Road. Turn right onto Ten Mile Road. The campus entrance is on the right.

From the Northwest and Lansing (via I-96 and I-696):

Follow I-96 East to I-696. Proceed east on I-696 to southbound M-10 (Northwestern Highway/Lodge Freeway). Exit at Ten Mile Road/Evergreen Road. Turn right onto Ten Mile Road. The campus entrance is on the right.

From the North (via I-75):

Follow I-75 South to I-696 West. Proceed west on I-696. Exit at Evergreen Road. Turn left onto Evergreen Road and proceed south one mile to Ten Mile Rd. Turn right onto Ten Mile Road. The campus entrance is on the right.

From the East (via I-696):

Follow I-696 West. Exit at Evergreen Road. Turn left onto Evergreen Road and proceed south one mile to Ten Mile Road. Turn right onto Ten Mile Road. The campus entrance is on the right.



LAWRENCE
TECHNOLOGICAL
UNIVERSITY

Building Key

1. Corporate Services Center
2. Don Ridler House:
Applied Research Center
3. University Housing Center - North
4. Wayne H. Buell Management Building
College of Management
Library
Dining Facilities
5. A. Alfred Taubman Student
Services Center
6. Science Building
College of Arts and Sciences
7. Architecture Building
College of Architecture and Design
8. University Technology and
Learning Center
9. Engineering Building
College of Engineering
10. Center for Innovative Materials Research
(CIMR)
11. Professional Development Center
12. Maintenance Building
13. University Housing Center - South
14. Outdoor Athletic Fields

Calendar of Upcoming Events

- October 3 ACS Leadership Training, *see page 3-5 for details*
- October 5 October Section Meeting Topic: "Beware the Pseudoscientist", *see pages 10-11 for details*
- October 9 Abstracts due for 2009 ANACHEM/SAS Symposium, *see page 13 for details*
- October 20 Forensic Photography, *see page 5 for details*
- October 29 2009 ANACHEM/SAS Symposium, *see page 12 for details*
- November 14 Chemistry Day at Belle Isle, *see page 6 for details*
- June 16-19, 2010 CERMACS 2010, *see page 12 for details*



Table of Contents

Page

Beware the Pseudoscientist	1, 2 & 15
Chemistry Ambassadors	2
ACS Leadership Training	3-4
Forensic Photography	5
Chemistry Day at Belle Isle	6
Councilor's Report Fall ACS Meeting in Washington, DC	7-11
<i>ChemMatters</i>	11
ANACHEM/SAS Symposium	12
First Call for Abstracts: CERMACS 2010	13
Business Directory	14

Non-Profit Org.
U.S. Postage
PAID
Royal Oak, MI
Permit No. 27

Detroit Section ACS
1560 Beaver St.
Dearborn, MI 48128-1475

Attn: Dated Material