

October Section Meeting

Topic: Forensic Chemistry in the Private Sector

Speaker: Charles Deak

Place: Marygrove College's Denk-Chapman
Hall in the Madame Cadillac Building,
8425 W. McNichols Road, Detroit, MI
(see page 19 for map and directions)

Date: October 9, 2007

Time: 6:30 p.m.

Light Refreshments will be served

The October Section Meeting will be Tuesday, October 9 by Charles Deak. "Forensic Chemistry in the Private Sector." The role of the scientist -- particularly the chemist involved in litigation, civil or criminal, -- is discussed. Expert witness testimony in court cases is described, including required qualifications and the qualifications process. More interesting or unusual case histories involving the author are discussed in some detail. These case histories include cases involving counterfeit gold coins, product liability, vehicular homicide, domestic cases, and a first degree murder trial. Methods used are discussed, such as atomic absorption for detection of traces for evidential purposes and thin layer chromatography (TLC) for the identification of ballpoint and felt pen inks. Application of microscopy is discussed in conjunction with some cases. The "common sense" approach is emphasized.

Charles Deak earned his bachelor's degree in 1948 in Budapest,

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Hungary. After spending several years at Paris at the Sorbonne and working on the development of chemical fire-fighting agents, he immigrated to the United States in 1955. Mr. Deak developed analytical procedures for the analysis of secondary metals and alloys. He established and became manager of Analytical Associates in 1973 and its president when it was incorporated in 1979. He specializes in chemical analysis of aerospace metals such as titanium, nickel, and cobalt base superalloys with emphasis on the determination of trace level impurities in these metals and the investigation of failures of metals. He regularly performs forensic and criminialistic testing and has testified as an expert witness in criminal and civil trials in both state and federal courts. He retired after 35 years with Analytical Associates, Inc., and its parent company in 1992 and started C. K. Deak Technical Services, Inc., where he performs consulting and forensic testing.

For more information please contact Steve Scribner at:

sscribner@marygrove.edu.

Note from the Editor: I regret that the topic described for the October Meeting in the September issue was incorrect.

FACTS WHICH SHOULD BE REMEMBERED:

- Do the task which is set before you, and do it with a smile.
- Do not use your neighbor's standard solution for accurate determinations.
- Glassware will break if dropped to the floor.
- Leave your machine or kettle in better condition than you found it.

taken from "A Laboratory Guide of Industrial Chemistry"

by Allen Rogers Ph.D., 1908

The Detroit Section Younger Chemists Committee and

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**FOR MORE INFORMATION CONTACT MEGHANN MOU-
YANIS:**

MOUYIAMN2@UDMERCY.EDU OR 313.993.1259

US National Chemistry Olympiad Results

In March the Detroit Section selected twelve outstanding high school chemistry students as its Nominees for the US National Chemistry Olympiad. On April 26 eleven of them converged on the University of Michigan-Dearborn to complete the grueling Olympiad National Exam. They were joined by about 900 other chemistry students at other test sites around the country. From among this group were selected the twenty participants at the Olympiad Study Camp in Colorado Springs. Unfortunately this year no students from the Detroit area were chosen to attend the study camp, but seven of Detroit's eleven test-takers scored in the top 150 on the National Exam. Those persons scoring in the top 50 nationwide earned High Honors; those in the next one hundred earned Honors. Their names and school affiliations are listed below.

Corey Everlove	Athens High School	Honors
Temple He	Troy High School	Honors
Dave Montague	Brighton High School	High Honors
Alan Pezeshki	Athens High School	Honors
Asra Shaik	Novi High School	High Honors
Albert Tang	Northville High School	Honors
Ruixiao Zuo	Novi High School	Honors

The Chemistry Olympiad is an annual event. The program is sponsored by the American Chemical Society and is hosted locally by the Detroit Section's Education Committee. For further information about the Olympiad program in Detroit, contact the section's Olympiad Coordinator, Dr. Mark DeCamp at (313) 593-5379.

COMPUTER AND ELECTRONIC DISCOUNTS FOR ACS MEMBERS

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For more information, please visit www.dell.com/assn.

THE ACS DIVISION OF CHEMICAL EDUCATION CENTRAL REGION AWARD FOR EXCELLENCE IN HIGH SCHOOL TEACHING, 2008.

Purpose: To recognize, encourage and stimulate outstanding teachers of high school chemistry in the Central Region that have demonstrated excellence in teaching, student inspiration and challenging; participate in extracurricular activities related with Chemistry and keep updated in the field.

The Central Region of the ACS consists of the following Local Sections: Akron, Central Ohio Valley, Chattanooga, Cincinnati, Cleveland, Columbus, Dayton, Detroit, East Tennessee, Erie, Hampton Roads, Huron Valley, Indiana, Indiana-Kentucky Border, Kalamazoo, Kanawha Valley, Kentucky Lake, Lexington, Louisville, Memphis, Michigan State University, Midland, Nashville, Northeast Tennessee, Northeastern Indiana, Northeastern Ohio, Northern West Virginia, Northwest Central Ohio, Penn-Ohio Border, Penn-York, Pittsburgh, Purdue, St. Joseph Valley, Southern Indiana, Toledo, Upper Ohio Valley, Virginia, Virginia Blue Ridge, Wabash Valley, Western Maryland, Western Michigan and Wooster; and the members with addresses in the states of Indiana (except the Lake and Porter counties), Kentucky (except the Massac County), Ohio, Michigan (except the Dickinson County), Tennessee, Virginia and West Virginia who are not assigned to specific local sections.

Nature: The award consists of a cash prize of \$1,000 and a plaque. Reasonable travel expenses to CERM (Central Regional Meeting) 2008 at which the award will be presented will be reimbursed. The awardee may be asked to give a keynote address and/or participate in a symposium at the CERM 2008.

Rules of Eligibility: This award recognizes outstanding teachers in high school chemistry. Any individual may submit one nomination or support form, except members of the selection committee and currently enrolled students of the nominee. He or she must be actively engaged in the teaching of chemistry or a chemical science in a high school (grades 9-12) within the Central Region on at least a half-time basis. Local Sections within the Region are especially encouraged to elect a candidate and present his/her nomination for the Regional Award.

Evidence of outstanding research may include, but it is not limited to:

1. Quality of the nominee's teaching, emphasizing any unusual

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- effective methods of presentation.
2. The nominee's ability to inspire and challenge students.
 3. Extracurricular work in chemistry or a chemical science by the nominee, which may include assistance to science fairs, involvement in science clubs and performance of any activities that stimulate the interest of young people in chemistry and chemical sciences.
 4. Willingness to keep up-to-date in chemistry, as evidenced by the pursuit of a higher degree, enrollment in refresher courses and summer institutes, attendance to science meetings, professional organization membership, etc.
 5. Evidence of leadership and/or active involvement within the profession.

To nominate individuals the following is required:

1. A complete application that consists of the Nominee Information Form, the Nominator Information Form, and the Nominator Recommendation of not more than 1,000 words submitted by the nominator according to the guidelines outlined on the Recommendation Form. A link to the application package can be found on the CERM 2008 web site (three pages) at www.cermacs2008.org, under the "awards" tab.
2. A curriculum vitae or resume that includes a list of the nominee's honors, professional activities, and additional evidence of service to the profession. This must be limited to two pages and the activities listed must have occurred within the past five years.
3. At least one, but not more than three, letters of support. One must be from the teacher's current principal or supervisor. Additional letters of support may be sent by colleagues, members of ACS who are familiar with the nominee's achievements, or former students and parents of former students.

For more information and Nomination Forms contact the Section Education Committee Chair, Matt Mio at miomj@udmercy.edu

Submit your nominations to Marta Pazos Schroeder by e-mail attachment to mppazos@ashland.com or acs_columbus@yahoo.com by December 31st, 2007. Alternatively you can send a hard copy of the nominations package by regular mail to:

Ashland. Attn: Marta Pazos Schroeder
5200 Blazer Pkwy. Dublin, OH 43017

COUNCILOR REPORT: **OF GOVERNANCE ACTIONS/REPORTS**

AMERICAN CHEMICAL SOCIETY **234th ACS NATIONAL MEETING** **BOSTON, MA** **AUGUST 19-23, 2007**

The following is a summary of key actions of the ACS Council and Board of Directors at the 2007 fall national meeting.

ACTIONS OF THE COUNCIL

Election Results

- The Committee on Nominations and Elections presented to Council the following slate of nominees for membership on the Committee on Committees beginning in 2008: Gary D. Anderson, Ken B. Anderson, Lawrence Barton, Lissa A. Dulany, Alan M. Ehrlich, Jurgen H. Exner, Roland F. Hirsch, Pamela D. Kistler, Larry K. Krannich, Will E. Lynch, Ean Warren, and Mark W. Wicholas. By written ballot the Council elected Ken B. Anderson, Lawrence Barton, Lissa A. Dulany, Larry K. Krannich, and Will E. Lynch for the 2008-2010 term; and Roland F. Hirsch for the remainder of a 2006-2008 term.
- The Committee on Nominations and Elections presented to Council the following slate of nominees for membership on the Council Policy Committee beginning in 2008: Rita R. Boggs, Dwight W. Chasar, Joseph A. Heppert, William R. Oliver, Mary V. Orna, Dorothy J. Phillips, Yorke E. Rhodes, Kathleen M. Schulz, Peter J. Stang, and H. David Wohlers. By written ballot the Council elected Mary V. Orna, Dorothy J. Phillips, Yorke E. Rhodes, Kathleen M. Schulz for the 2008-2010 term; and Peter J. Stang for the remainder of a 2006-2008 term.
- The Council Policy Committee presented to the Council the following slate of nominees for membership on the Committee on Nominations and Elections for the 2008-2010 term: V. Dean Adams, David E. Bergbreiter, Frank D. Blum, William H. Daly, Carol A. Duane, Ruth A. Hathaway, Cynthia K. McClure, Scott D. Rychnovsky, Arlyne M. Sarquis, and Pamela J. Shapiro. By written ballot the Council elected Frank D. Blum, Carol A. Duane, Ruth A. Hathaway, Arlene M. Sarquis and Pamela J. Shapiro.

Candidates for President-Elect and Board of Directors

- The candidates for the fall 2007 ACS national election were announced as follows:

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President-Elect 2008

Thomas H. Lane, Dow Corning Corporation, Midland, MI

Howard M. Peters, Peters, VERNY, LLP, Palo Alto, CA

Directors-at-Large – 2008-2010

Janan M. Hayes, (Retired) Merced College, Merced, CA

Bonnie A. Lawlor, NFAIS, Philadelphia, PA

Kent J. Voorhees, Colorado School of Mines, Golden, CO

Frankie K. Wood-Black, Trihydro Corporation, Ponca City, OK

Director, District II 2008-2010

Joseph R. (Joe) Peterson, (Retired) University of Tennessee, Knoxville, TN

Diane Grob Schmidt, The Procter & Gamble Company, Cincinnati, OH

Director, District IV 2008-2010

Eric C. Bigham, GlaxoSmithKline, Research Triangle Park, NC

Gregory H. Robinson, University of Georgia, Athens, GA

Petitions

(For Action)

- The Council VOTED to accept the Petition on Local Section Affiliations. The petition addresses a difference in current Society bylaws regarding the responsibilities of the Committee on Local Section Activities (LSAC) and the Committee on Divisional Activities (DAC) in oversight of the establishment of affiliations by local sections and divisions respectively. Responsibilities for LSAC in approving local section affiliations will now parallel those currently established for DAC. To be valid, the petition next must be confirmed by the Board of Directors in 90 days.

(For Consideration)

- The Council received three Petitions for consideration: Petition on Election Procedures for President-Elect and District Director, Petition on Local Section and Division Election Procedures, and the Petition on Membership Categories and Requirements. The Petition on Election Procedures for President-Elect and District Director seeks to move toward a preferential ballot, both to make the balloting procedure more uniform and to avoid the complications and expense of run-off elections. The Petition on Local Section and Division Election Procedures provides options other than run-off elections to local sections and division for resolving tie votes. The Petition on Membership Categories represents a comprehensive revision of the qualifications required for membership and for affiliate status in the Society. Action is expected on these three petitions at the 2008 spring national meeting.

Committee Review and Other Committee Changes

- As part of a regular review, the Council VOTED to continue the Committee on Nomenclature, Terminology and Symbols. The Council also VOTED to support the request of the Committee on Chemists with Dis-

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abilities that its status be changed from an “other committee” of the Board to a joint Board-Council Committee.

- The Council VOTED to amend the acronym of the Committee on Project SEED and update the committee’s charge. The acronym will be changed from “Summer Educational Experience for the Disadvantaged” to “Summer Experiences for the Economically Disadvantaged.”

Governance Review – Committee Summit

- The Council Policy Committee (CPC) received a report on the activities of the Governance Review Task Force, specifically those related to the Summit on ACS Committee Structure held in July 2007. As a follow-up to this review, CPC was informed of several recommendations to be directed to the Committee on Committees, the Board of Directors, the Council Policy Committee, and to other specific committees. Recognizing its work as completed, the Council Policy Committee voted to discharge the Governance Review Task Force, with thanks, subject to the concurrence of the Board of Directors.

Registration Report and 2008 National Meeting Registration Fee

- As of August 21, 2007, the ACS fall national meeting had attracted 15,344 registrants. Totals in select categories are as follows: Regular attendees 8,792; Students 3,518; Guests 574; Exhibit Only 784; and Exhibitors 1,676. 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 approved an increase of ten dollars for the 2008 national meetings advanced registration fee.

The Society’s Membership

- The Committee on Membership Affairs reported that as of July 2007, the ACS total membership is 1,100 ahead of that at the same date last year, and the number of unpaid members is 295 less than that at the same date last year.

Review of the Academic Professional Guidelines

- The Committee on Economic and Professional Affairs submitted its latest version of the Academic Professional Guidelines for consideration. These guidelines apply to those members of the academic community whose job function impacts directly or indirectly on scientists practicing the profession of chemistry. The Council will vote on the Academic Professional Guidelines at the 2008 spring meeting in New Orleans.

Special Discussion Item

- A special discussion item was put on the Council agenda. The discussion focused on ACS policy development and advocacy efforts. ACS President Catherine (Katie) T. Hunt framed the discussion by posing three

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questions: 1) How can ACS encourage more members to participate by bringing their expertise to the development of more targeted policy positions? 2) What can ACS do to increase member involvement in public policy advocacy? 3) How can ACS be a more effective leader in policy activities in the broader science and technology communities? Councilors entered into a robust exchange, offering several useful comments and suggestions. As a follow-up, President Hunt invited councilors to visit her website at www.acspresident.org for additional information.

ACTIONS OF THE BOARD OF DIRECTORS

Long Planning and Sustainability

- The Board of Directors voted to approve a revised draft of the ACS Strategic Plan with the addition of specific strategies to be executed in 2008. The Board also approved a proposal for next steps in its contingency plan. The ACS contingency plan provides a set of actions that could be undertaken if certain threats or opportunities became realities for the Society.

The Committees of the Board

- The Board received reports from its Committee on Grants and Awards, the Committee on Executive Compensation, and the Committee on Budget and Finance. On the recommendation of the Committee on Grants and Awards, the Board voted to approve Society nominees for the 2008 Perkin Medal and the 2008 Othmer Gold Medal. On the recommendation of the Committee on Budget and Finance, the Board voted to approve the Pacificchem 2010 proposed budget; to include funding for a State Government Affairs Program in the budgets for 2008-2010; to defer funding for the Committee on Professional Training Workshops with Hispanic and Native American-serving Institutions from 2007 to 2008 to take full advantage of an NSF workshop to be held in September 2007; and to accept the recommendations of the Program Review Advisory Group (PRAG) subject, in some instances, to further refinements.

The Executive Director/CEO Report

- The Executive Director/CEO, along with several of her direct reports, updated the Board on the following issues: the proposed 2008 merit guideline and inflation assumption for building the 2008 budget; possible amendments to the ACS Retirement and Employee Savings Plans as recommended by the Committee on Pensions and Investments; and the activities of the Publications Division, Chemical Abstracts Service, and the Society's General Counsel. As a follow-up, the Board voted to approve the 2008 merit guideline and the inflation assumption, amendments to the ACS Retirement and Employee Savings Plans, a continuation of service for several Society journal editors, and an approval of a policy for mergers and acquisitions.

Other Society Business

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- The Board received reports from its international guests and then discussed with them how their Society goals intersect with goals of the American Chemical Society. Our international guests represented the Royal Society of Chemistry, the Canadian Society for Chemistry, the German Chemical Society, the European Association for Chemical and Molecular Sciences, the Mexican Chemical Society, and FIZ Karlsruhe (Chemical Abstracts Service's STN partner).
- At its June meeting, the Board of Directors identified several strategic "mega" issues important to the future and success of the American Chemical Society and agreed to review these issues at its future meetings. At this meeting, the Board dedicated a portion of its agenda to the "mega" issue "Infrastructure" and combined its discussion with a review of the recommendations from the Summit on ACS Committee Structure, as presented by the Governance Review Task Force. After a presentation on ACS committees and their history, the Board engaged in a discussion of its role, and the role of those committees dedicated to Board initiatives needed to execute the Strategic Plan.
- The Board also received updates from two Society initiatives: the Web Presence Initiative and the ACS Leadership Development System (LDS). The newly re-invented ACS website, scheduled to launch September 30, will feature a unifying global navigation and dramatically improved user experience. The new url is www.acs.org; users who have bookmarked www.chemistry.org will be forwarded to the new site. The LDS envisions offering a full pipeline of skilled and effective ACS members ready, willing, and able to step into leadership roles in their volunteer and professional lives.

Respectfully submitted by:

Jim Landis and Walter Siegl., Councilors, Detroit Section

DETROIT ACS SECTION AND ANACHEM ON THE WEB

A Website for the Detroit ACS Section and ANACHEM, maintained by Ed Havlena can be found at:

<http://www.detroitsection-acs.org>

The Detroit Chemist is now also available via email in text-only form. To subscribe send an email to: majordomo@angus.mystery.com with

subscribe detroit-acs
end

in the body of the message

Letters to the Editor

The following comments were received:

Bravo for having the courage to publish a "politically incorrect" article. There is plenty of information to back up Mr. O'Mara's thesis, the most interesting being in <http://www.eia.doe.gov/oiaf/1605/ggrpt/index.html> Page 5, Table 3. It seems that over 95% of carbon dioxide emissions are from natural sources, this means, inter alia, you and me breathing. When I asked Dr McArde why the Energy Information Administration did not report on human emissions, he wrote " Per statute, the Energy Information Administration is only required to publish estimates of anthropogenic (human-made) greenhouse gas emissions." I can send you a copy of his e-mail if you wish.

Using respiration data from Wikipedia, I calculated that each human contributes 1.25 pounds of carbon dioxide to the atmosphere each day. Multiply that by 6.6 billion people in the world (UN estimate) and you are talking about big numbers.

A more comprehensive article may be found at <http://members.aol.com/gregbenson/iceage.htm> I haven't checked this out lately, I hope it is still accessible on the web.

My own personal observation is that cloudless nights in the winter are invariably 10 F colder than cloudy nights. Where is the heat going? Why is it retained if there are clouds (i. e. water vapor)? Just maybe clouds are responsible for keeping the planet warm. See Greg Benson's article on this.. — *James A. Gallagher*

It was with great dismay that I read the September Detroit Chemist, notably the article from Detroit ACS Government Affairs Chairman Kevin J. O'Mara. By the way, in order to properly research the information in the article, the correct spelling of the subject of concern is "Svensmark".

As I understand the job, the Governmental Affairs Chair reports on the activities of various governmental agencies as they relate to chemistry, and does not to attempt to politicize scientific discourse. That a small minority of fringe academics represents anything approaching a counterweight to established scientific study is a view most usually held by various shrill media outlets, not by "respectable" scientific organizations. Of course, it's probably exciting to be a true believer, chasing the next scientific breakthrough, but sometimes the truth isn't "out there", it's right where it always was: in plain sight, in all of its mundane glory. Most of us realize climate study (like EVERY field of serious research) is a developing science, but it is one whose findings are attacked much more regularly than those of other fields. Ongoing adjustments to previous findings do not equate with wiping the slate clean.

At the end of it all, it's embarrassing to be associated with a group whose stated mission (the application and understanding of scientific principles) is so easily swayed by wide-eyed gullibility and poor application of critical reasoning skills. — *John Sweeney*

**ANACHEM LIFETIME SERVICE AWARD
HONORING
DR. EDWARD J. HAVLENA**

THURSDAY, OCTOBER 11, 2007
SINBADS, 100 ST. CLAIR AVE, DETROIT, MI
SOCIAL HOUR 5:30 - 6:30PM (CASH BAR), DINNER 6:30PM
DINNER BUFFET WITH 4 ENTREE'S, SALAD BAR, VEGETABLES
AND DESSERT

\$25.00 PER PERSON, PAY BY CASH OR BY CHECK MADE TO
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RESERVATIONS: PLEASE LEAVE A VOICE MAIL AT 248-583-1578
FOR FELIX SCHNEIDER OR EMAIL fellxschn@wowway.com
RESERVATIONS MUST BE MADE BY OCTOBER 8, 2007.

No shows will be billed.

Dr. Havlena (Ed to all of his many friends) is a graduate of Wayne State University where he did his work under Dr. David Boltz, our first Anachem Fellow Awardee. He spent his career at Detroit Edison (DTE Energy). He was with Edison on the day we almost lost Detroit at Fermi I and had many more interesting experiences in his years with Edison. Ed has been a strong supporter of Anachem for 45+ years.

During his many years with Anachem he has served in all the elective offices and has been the quintessential volunteer for the annual Symposium, the F ACSS Conferences held in Detroit and monthly programs. Ed was involved in the original efforts to form FACSS and prior to that worked on the annual three day Symposium held by Anachem. He continues to be our Resident Agent, keeper of the mailing database, publisher of all Symposium materials and in charge of registration. In his spare time he maintains our joint WEB site with the Detroit Section ACS. Because of Ed the Detroit Section ACS and Anachem have had a long-term close working relationship jointly sponsoring programs and projects. If you ever wanted a definition for a volunteer, Ed would be the perfect example.

Please join us in presenting to Dr. Havlena, this first Anachem Lifetime Service Award. He and his wife Betty will enjoy sharing memories of his many years of service and friendship at the dinner in his honor.

Directions: Take E. Jefferson to Marquette and turn toward the river. It is about 3.5 miles from I-75 and Jefferson to Marquette. Marquette runs parallel to Detroit Water Works Park and there is a large Sinbads sign (hidden behind a tree) on the corner of Marquette and Jefferson. Go to the end of Marquette and make a left and then a right into Sinbads parking lot. There is valet parking for all guests. We will be in the top floor dining room overlooking the river. Use the elevator to go from the main floor to the dining room

ANACHEM / SAS FALL SYMPOSIUM NOVEMBER 1 AT BURTON MANOR

The meeting center is conveniently located along interstate 196 in Livonia. The ANACHEM web site that is shared with the Detroit Section of ACS is a good place to look for current information. Go to www.detroitsection-ACS.org for program details, pre-registration forms, etc.

PROGRAM: As in recent years, the symposium program includes three concurrent oral sessions, morning and afternoon workshops, a plenary lecture, an exhibit, and an afternoon poster session. We are pleased to include an all-day oral session that is being organized by Professor Gavin Reid (MSU) and members of the Michigan Mass Spectrometry Discussion Group. This year the plenary lecture and award session are dedicated to the memory of Professor Richard Sacks (U of M). Dick received the 2006 Anachem Award for his research in atomic spectroscopy and fast gas chromatography. Other planned oral sessions include sessions for university student researchers, environmental science, and general topics. The educational workshops will cover topics in triple quadrupole LCIMS and modern gas chromatography. We also welcome the many exhibitors who provide the specialized instruments, supplies, and services that are so essential for chemical analysis and research.

CALL FOR PAPERS: This year we are encouraging researchers to submit papers for either the poster session or the oral sessions. To help us plan the symposium, please submit your title and short abstract as soon as possible to Dr. Patsy Coleman at pcoleman@chem.wayne.edu. There's still room for a few more oral presentations.

STUDENT AWARDS: Student Awards will be given at the symposium to recognize and encourage the efforts of younger researchers who are actively perusing careers in science. A \$200 award is presented for the best oral presentation by a graduate student. A \$100 award is given for the best poster presented by undergraduate students. Please contact Professor Heather Holmes (Eastern Michigan University) for more information about student sessions and awards (Heather.Holmes@emich.edu).

Submitted by Keith Olson, ANACHEM President

THE MANY FACES OF CHEMISTRY: CELEBRATE THE 20TH ANNIVERSARY OF NATIONAL CHEMISTRY WEEK

This year's celebration of National Chemistry Week, with the theme, "The Many Faces of Chemistry," will be a very special celebration! 2007 marks the 20th anniversary of NCW. The mission of NCW is to reach the public, particularly students, with positive messages about chemistry and to provide a means of effectively mobilizing ACS local sections.

Our Detroit section will be setting up programs at Cranbrook Science Museum (tentatively on Sunday, October 21 from noon to 4:00 PM) and at the Detroit Science Center. The student affiliate group from University of Detroit-Mercy will be putting on chemistry demonstrations, and we will have several hands-on experiments. This program is a great way to educate the public and have a fun time, too.

Every year we recruit chemists and chemistry students from the Detroit area to volunteer their time. If you are interested in participating, please contact Denise Grimsley by phone at (734) 324-6539 or E-mail at denise.grimsley@basf.com.

Attention: Chemists Interested in Becoming Chemistry Teachers

Have you ever considered becoming a chemistry teacher but did not know how to financially make it happen?

The Hach Scientific Foundation, a private foundation out of Fort Collins, Colorado dedicated solely to chemistry education, would like to help! For folks with chemistry degrees and chemistry work experience become enrolled in any teachers' certification/ Master's in education program across the country are welcome to apply for the Second Career Chemistry Teacher Scholarship. The scholarship is \$6000 for full-time students and \$3000 for part-time students & is annually renewable through graduation. Applications for the scholarship are available on the Hach Scientific Foundation website: www.hachscientificfoundation.org by clicking the "Second Career Chemistry Teachers" page. Applications are due January 31st, 2008. Anyone with questions about this scholarship should contact Bryce Hach at bryce-hach@hachscientificfoundation.org.

The Hach Scientific Foundation would like to help any chemist fulfill their dreams of giving back to society and their science by becoming a teacher!

VOLUNTEERS NEEDED FOR CHEMISTRY DAY

What: Chemistry Day at Belle Isle!

When: Saturday, November 17, 2007

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, Denise Grimsley, and Mary Kay Heidtke 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 Yolanda Watts and 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 17 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.

Business Directory



Volunteer your time and talents as a Pi Society Science Docent and help inspire a future chemist!

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- Volunteer as little as twice a month
- Docent training sessions are now forming

CONTACT:
volunteers@sciencedetroit.org
for more information.



Detroit Science Center
5020 John R Street
Detroit, MI



Bruker Daltonics



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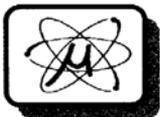
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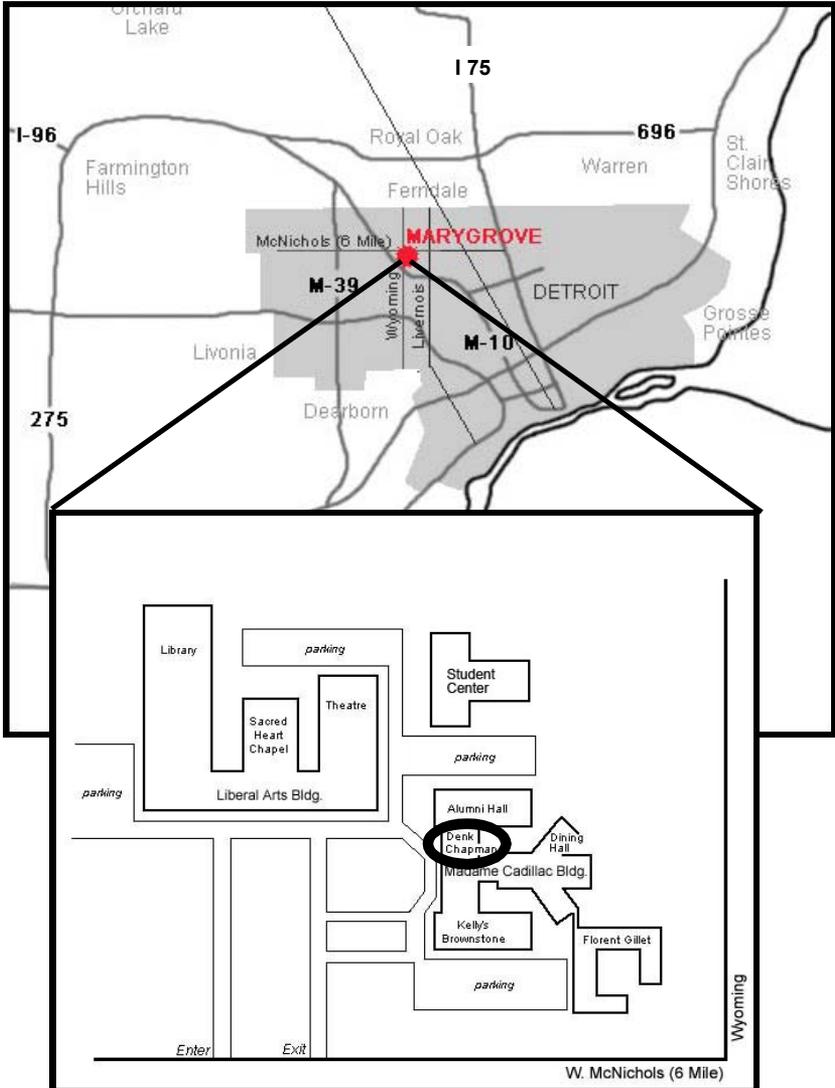
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- **Maps to October Section Meeting:**

Marygrove College is located at 8425 W. McNichols Road (six mile), Detroit, MI 48221. The campus is located on 6 mile between Wyoming and Livernois. The security guard can point out the Madame Cadillac Building and parking for visitors



Calendar of Upcoming Events

October 9 — Dr. Charles Deak speaks on “Forensic Chemistry in the Private Sector” for the October Section Meeting, see pages 1, 2 and 19 for details

October 11 — ANACHEM honors Dr. Ed Havlena, see page 13 for details

October 21-27 — National Chemistry Week, see page 15 for details

October 25 — YCC Mortuary Science Open House at Wayne State, see page 3 for details

November 1 — ANACHEM Symposium, see page 14 for details

November 17 — Chemistry Day at Belle Isle, see page 16 for details

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