

Cathy Selvius DeRoo to give ACS talk during Art Prize

Conservation Science at the DIA: Case Studies

The scope of scientific research at the Detroit Institute of Arts encompasses centuries of artistic creation, numerous cultures, and a multitude of artists' materials and techniques. In collaboration with conservation and curatorial staff, the museum scientist devises and executes analytical approaches to inform art historical questions, acquisitions, condition issues, and collections care. In this lecture, the multi-faceted role of scientific analysis in a fine arts museum will be discussed in the context of analytical studies of objects from the DIA collections.



Cathy Selvius DeRoo is the Conservation Research Scientist at the Detroit Institute of Arts. She is a graduate of Calvin College, earned her Ph.D. from the University of Michigan in biochemistry, and was awarded a National Institutes of Health Postdoctoral Fellowship in biophysics. She conducts materials analysis of the broad range of artists' materials represented in the encyclopedic collections of the DIA and also collaborates on cultural heritage materials research with academic colleagues at Eastern Michigan University and at the University of Michigan Electron Microbeam Analysis Laboratory. These collaborations focus on the development of novel approaches to the study of artists' materials.

Art Prize: Sept. 24 through October 12.

ACS talk: Thursday, October 09 at the Loosemore Auditorium.
Refreshments at 6:00 PM followed by the talk at 7:00 PM

Chemistry at the Mall

Lou DuPont (Honeywell Burdick and Jackson) has been working on details for National Chemistry Week and our Chemistry at the Mall event. The theme this year is "The Sweet Side of Chemistry - Candy". The event will again be held at The Lakes Mall in Muskegon and is scheduled for Saturday, October 11, 2014 (11:00 Am - 4:00 PM).



If anyone is interested in a great volunteer position, Lou is looking for someone to help co-chair the event next year. Please contact Lou at lou_acs@yahoo.com if you are interested.

Western Michigan ACS Chair- Elect Position Open

We are soliciting persons interested in running for Chair-Elect. It's not that much work and is a great resume builder. Contact current chair Paul Parkanzky if interested. Paul.parkanzky@Amway.com

Congratulations!

The following members will be honored at an upcoming local section ACS meeting. Date to be announced.

50 Year: Dr. James Allan Boersma, Dr. Andrew DeBoer,
 Dr. Charles R. Hurt, Dr. Paul Joseph Kudirka

60 Year: Mr. Stanley Kenneth Stynes

West Michigan Section to Co-host the 2015 Central Regional Meeting



Plans are being made for the West Michigan Section to host the Central Regional Meeting with the Kalamazoo Section in 2015. Any members wishing to get involved in the planning process should contact our Councilor, Dr. Mark Thomson (FSU) at On May 27-30 of 2015 the Great Lakes and Central Regions of the American Chemical Society have the privilege of hosting a Joint Regional Meeting at the Amway Grand Plaza Hotel and DeVos Place in downtown Grand Rapids, Michigan.

Capitalizing on the interests in our geographic area, the three **focus themes** chosen for the meeting are **Food, Health, and Environment**.

Encompassing primarily the full states of Illinois, Indiana, Michigan, Minnesota, Ohio, North Dakota and Wisconsin this meeting offers affordable accessibility to faculty and students to present their research, hear lecturers of renown and to network with other science professionals. Our plenary speaker on Wednesday, May 27, will be **Dr. Scott Denmark**, an award-winning faculty member at the University of Illinois in Urbana-Champaign.

At our website <http://jglcrm2015.com> you will find contact information if you would like to get involved or attend the meeting, a form for submitting symposium recommendations, and forms for award nominations that will be presented at the Awards Banquet during the program. Please check the website regularly for updates on the preliminary program, keynote speakers, and events that will make the Joint Great Lakes/Central Regional Meeting a Grand Enterprise.

Hotel registration information has been updated on our website. Please make reservations at: <http://jglcrm2015.com/travel.html>

Offer for Students Attending ACS Meetings

The West Michigan Local ACS Section will help support students presenting at either of the 2014 ACS National Meetings (Dallas or San Francisco)! The cost of undergraduate student member registration (\$105) will be reimbursed through the faculty mentor after each meeting. The reimbursement form can be found on the Local ACS Website <http://westernmichigan.sites.acs.org/>. Good luck to all our local section undergraduate students – enjoy the national meetings!

Thomas Edison's Chemical Developments to be Recognized as a National Historic Chemical Landmark in Michigan

Greenfield Village at The Henry Ford, Dearborn, Michigan
Saturday, September 20, 2014, 11 AM, Menlo Park Laboratory

American inventor and businessman, *Thomas Alva Edison*, will be recognized by the American Chemical Society and his laboratories will be honored as a National Historic Chemical Landmark in Dearborn on Saturday, September 20, 2014. Thomas Edison developed an interest in chemistry as a boy in Michigan, and applications of chemistry were a common theme in many of his inventions including carbon filaments used in light bulbs, development of the nickel-iron alkaline electric storage battery, and research into domestic sources of rubber. Edison's legendary "invention factory" in Menlo Park, N.J., was moved from its original site to Dearborn in 1928 when it was reconstructed by Edison's close personal friend, Henry Ford.

The family-friendly event will begin at 9:30 am with guided tours of the laboratory, hands-on experiments, and a chemistry magic show across from the laboratory. The commemoration ceremony will start at 11:00 am at the laboratory, and a press conference with Edison discussing his electric light bulb will follow. Boxed lunches are available by RSVP to Megan Klein, ACS Detroit Section Chair, at Klein_megan@hotmail.com.

In case of inclement weather, the festivities may be moved to the Village Pavilion. The American Chemical Society, ACS Detroit Local Section, and The Henry Ford are sponsoring the event.

The Menlo Park Laboratory at The Henry Ford will join two existing National Historic Chemical Landmarks in Michigan: commercial production of bromine by Herbert H. Dow in Midland and the discovery of organic free radicals by Moses Gomberg at the University of Michigan. The American Chemical Society established the National Historic Chemical Landmarks program in 1992 to enhance public appreciation for the contributions of the chemical sciences to modern life in the United States and to encourage a sense of pride in their practitioners for chemistry's rich history. The program recognizes seminal achievements in the chemical sciences, records their histories, and provides information and resources about Landmark achievements. More information is available online at www.acs.org/landmarks.

For \$2.00 off general admission, use source code: **ASC0914**. ACS members can use this code online, over the phone, or in person to receive the discount. Online instructions: Select tickets, press "Proceed to Checkout", type "ASC0914" in the box and press "Apply Code." This code will be active August 1-September 20, but *only for tickets purchased for September 20, 2014*. Henry Ford Members and children 4 & under are free. **Students (with valid ID) are \$8.**

Midland Section Invitation

The Midland Section would like to invite our local section members to attend our 2014 Fall Scientific Meeting being held September 27th. See the following page for more information.



ACS Fall Scientific Meeting

Saturday, September 27 • Delta College • 8:30am – 2pm

“The Sweet Side of Chemistry”



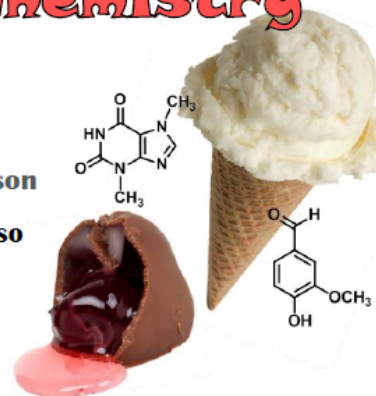
Keynote speaker

Prof. Richard W. Hartel

Professor of Food Engineering
University of Wisconsin – Madison

The Fall Scientific Meeting will also include:

- A poster session open to all participants
- Several speakers from the food chemistry community



Registration is free and lunch will be provided for all pre-registered participants!

To register and submit a poster abstract by September 5, visit <http://midlandacs.org>

Questions or comments? Please contact the meeting chairs at MMThomas@dow.com or Ergun@dow.com.

DOW Great Lakes Bay Regional Science & Engineering Festival

@ Delta College

Featuring



www.mindtrekkers.mtu.edu



Friday, September 26th

Free 6th, 7th, & 8th Grade

Field Trip Day

Teachers, email mind.trekkers@gmail.com to register your class and reserve your spot!

Saturday, September 27th

Free & Open to the public

9:00 AM to 4:00 PM

No Registration Needed

See www.delta.edu/science.aspx for more information!