March 2013, Vol. 50, No. 3

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ACS to Recognize Mellon Institute, Important Site in Dow-Corning History
Keith Lindblom, ACS National Historic Chemical Landmarks Program Manager

The Mellon Institute of Industrial Research will be recognized as a National Historic Chemical Landmark by the American Chemical Society on March 28, 2013, during a ceremony in Pittsburgh, Pennsylvania. Established in 1913 to conduct sponsored scientific research, the Institute provided research services at a time when relatively few manufacturers operated research laboratories of their own.

One project in the early 1930s, sponsored by the Macbeth-Evans Glass Company (later purchased by Corning Glass Works), investigated the use of silicates as adhesives for glass blocks. The qualities of materials being produced from silicates were so promising that Corning and the Dow Chemical Company established the Dow Corning Corporation to jointly pursue research in the development and manufacture of organosilicones.

Hundreds of scientists, including early Dow Corning scientists Rob McGregor, Earl Warrick, and John Speier, were trained in fundamental and applied research at the Mellon Institute. In 1967, the Mellon Institute merged with the Carnegie Institute of Technology to form Carnegie Mellon University.

For more information, contact Keith Lindblom, ACS National Historic Chemical Landmarks Program Manager, at k_lindblom@acs.org or visit www.acs.org/landmarks.
Midland ACS Section Town Hall - Open House

Monday, March 25th 2003
Midland Center for the Arts

<table>
<thead>
<tr>
<th>Event</th>
<th>Location</th>
<th>Time</th>
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<tbody>
<tr>
<td>Networking Mixer</td>
<td>Saints &amp; Sinners Lounge</td>
<td>5:30 - 7:00pm</td>
</tr>
<tr>
<td>Committee Photo Opportunity</td>
<td>Main Lobby</td>
<td>6:30 - 7:00pm</td>
</tr>
<tr>
<td>Open Board/Town Hall Meeting</td>
<td>Downstairs Lecture Room</td>
<td>7:00 - 9:00pm</td>
</tr>
</tbody>
</table>

The Midland ACS Section is hosting an open house to allow members and non-members alike to interact with local section leadership and members while learning about the many opportunities and services associated with our local ACS Section. Refreshments will be provided during a family friendly networking/open house prior to an open town hall meeting with the local section leadership. A photographer will be on hand to take committee/group photos during the networking mixer. Invite your friends, family, colleagues, and potential ACS members to this informative and entertaining section event!

Questions? Contact Section Secretary: grandboismatthew@gmail.com
Announcing the 2013 Spring Science Awards Banquet and Call for Nominations

Lauren Huffman, Awards Committee Chair

It is that time of year again when we have the opportunity to recognize outstanding educators, volunteers and colleagues. I am asking that you take the time and nominate that outstanding person to be recognized at the American Chemical Society-Midland Section Awards Banquet which will be held on Tuesday, April 23, at the Great Hall Banquet and Convention Center in Midland. This promises to be an exciting event. The awards banquet is a great way to connect with others in the industry, those who have gone before us, those who teach the next generation, and those who will be following in our footsteps.

The process of nominating can be fun and easy. Consider getting your colleagues together for lunch and putting together a packet. If you are in a managerial role and are worried about favoritism, consider nominating 2-3 qualified persons (you will remain anonymous). If you feel you deserve an award but everyone is just too busy to notice, consider leaving suggestions or have an outright discussion with your manager. If you are a parent: Does your child have a great science teacher? If so, consider nominating him/her. From personal experience, if you know the deserving person, it only takes 30 minutes to put together an award winning letter and an additional 15 minutes soliciting supporting letters and following up on them. Think of what it will mean to that person and how good you will feel about your good deed.

When you realize how exciting it is to nominate someone at the local level and you want to do more, I invite you to peruse the veritable cornucopia of awards the American Chemical Society offers at the national level. I have listed these at the end of the call for nominations along with a web address where you can find out more information (see below).

Nomination packets for all awards (except outstanding high school and collegiate awards) must, at a minimum, consist of a current resume or equivalent, and one supporting letter in addition to your letter of nomination, all stating why the nominee is deserving of the award with specific examples of professional involvement, growth, contributions to industry, and outside affiliations. It is highly recommended that the nomination include a publications and patent list where applicable and additional letters of support which can come from students, parents, community members, and/or administrators. A nomination letter example can be requested from the Awards Committee Chair, Lauren Huffman (lmhuffman@dow.com). Nominations not meeting the minimum requirements, and submissions received after the March 29 deadline, will not be considered.

For those of you sequestered in labs who feel you might not be able to attend unless you nominate someone, I say save the date and come on out for a night of food, fun, and fraternization! Watch for more detailed information on the speaker, time and price right here in The Midland Chemist in the coming month!

Contact me if you have any questions, Lauren Huffman, Midland Section ACS Awards Committee Chair (lmhuffman@dow.com).

Call for Nominations: 2013 Science Teaching, Volunteer, Education, and Chemical Sciences Awards

Lauren Huffman, Awards Committee Chair

Each year, the Midland Section of the American Chemical Society presents awards to recognize outstanding achievement in the chemical sciences. Nominations for the 2013 awards are invited for the following areas:
Outstanding Science/Chemistry Teaching Awards
Candidates for the teaching awards must be educators at schools in the five-county geographical area of the Midland Section: Bay, Gratiot, Isabella, Midland and Saginaw Counties. One candidate will be recognized for their teaching contributions in each of the following categories: Elementary, Middle Level, High School, and College.

Science Education Volunteer of the Year
The Science Education Volunteer of the Year award is presented to an individual who makes a substantial contribution to science learning in the Midland Section through voluntary efforts.

Outstanding Achievement and Promotion of the Chemical Sciences
Each year the Midland Section honors an individual residing within the Section’s geographical area who has demonstrated outstanding achievement and promotion of the chemical sciences. This award recognizes dedication and service to the chemical profession, but the recipient need not be an ACS member.

Outstanding Service to the American Chemical Society
The Section sponsors an annual award to recognize outstanding service to the Midland Section of the ACS. This award recognizes achievement in the promotion of the goals and objectives of the Society. Nominees shall be members of the Midland Section. Nominations should include a history of service to the Midland Section, and supporting letters from fellow ACS members.

Outstanding Achievement in the Promotion of Diversity in Chemistry, Related Sciences and Engineering
This award is presented biannually to a person or group residing in Midland, Bay, Saginaw, Isabella or Gratiot County for outstanding achievement in enhancing the participation of underrepresented groups in the study of chemistry, related sciences and engineering. Members of the Midland Section Minority Affairs Committee are ineligible to receive this award.

Outstanding Chemical Technician
The Section presents an annual Outstanding Chemical Technician Award to an individual who has demonstrated an extremely high degree of professionalism as a chemical technician. Nominees must have worked for five years as a chemical technician or related field and whose primary job includes conducting experimentation or correlating information to help solve chemical problems or discover new chemical knowledge. Nominees must have successfully completed a two-year post-high school level chemistry curriculum leading to an Associate Degree, the equivalent course in a Baccalaureate Program, or equivalent experience. Chemical technicians do not need to be an ACS member to be eligible for this award. Nominations
outstanding chemistry students at the high school and collegiate levels. Those students should be selected by the respective departments and their names forwarded to the Awards Committee using the form attached to this call for nominations. One selection per school and no supporting letters needed.

Recipients of all awards will be selected by the Awards Committee with the exception of the Outstanding Achievement and Promotion of the Chemical Sciences award which is submitted for approval by the Executive Committee. Nominators should write a letter indicating the award and describing the attributes of the candidate. Nomination packets for all awards (except outstanding high school and collegiate awards) must, at a minimum, consist of a current resume or equivalent, and at least one additional supporting letter included with your nomination all stating why the nominee is deserving of the award. Specific examples should be given in areas such as professional involvement/growth, contributions to industry, and outside affiliations. It is highly recommended that the nomination include a publications and patent list where applicable. Additional letters of support can come from students, parents, community members, and/or administrators. Nominations not meeting the minimum requirements and submissions received after the March 29 deadline will not be considered. The deadline for nominations is March 29, 2013. Mail or Fax submissions are acceptable; electronic (e-mail) submissions are preferred. All submissions must be accompanied by the name, position, address and phone number of the nominator.

Award recipients as well as Chemistry Olympiad winners and Fifty/Sixty Year ACS Members will be honored at the 2013 ACS Recognition Dinner on April 23.

The Awards Committee greatly appreciates the efforts involved in nominating someone and wishes to thank you for helping to recognize deserving educators in our section. Please pass this information along to anyone involved in our local science programs! For example nominations or more detail on any award, please contact Lauren Huffman.

Electronic submissions are acceptable and preferred, or via U.S. mail to:

Lauren M. Huffman
ACS Awards Committee Chair, Midland Section
The Dow Chemical Company
Michigan Operations
Building 1710, Lab 40
Midland, MI 48674
Phone: (989) 636-7371; Fax: (989) 638-6619
E-mail: lmhuffman@dow.com or awards@midlandacs.org
American Chemical Society – Midland Section

Previous Recipients of Midland Section ACS Awards

<table>
<thead>
<tr>
<th>Elementary Level Science Education</th>
<th>Middle Level Science Education</th>
<th>High School Chemistry Teaching</th>
</tr>
</thead>
<tbody>
<tr>
<td>1993 Lela Wade</td>
<td>1993 Laurie Hepinstall</td>
<td>1990 Gary Ronk</td>
</tr>
<tr>
<td>1996 Mark Hackbarth</td>
<td>1996 Barbara J. Bibbee</td>
<td>1993 Mary Irons</td>
</tr>
<tr>
<td>1998 Barbara McGivern</td>
<td>1998 No Recipient</td>
<td>1995 No Recipient</td>
</tr>
<tr>
<td>1999 John Clark</td>
<td>1999 No Recipient</td>
<td>1996 Sandra Schafer</td>
</tr>
<tr>
<td>2000 Sue Burtch, Robin Harshman-Rogers, Vicki Richard, Clare Jorgensen</td>
<td>2000 No Recipient</td>
<td>1997 Mary Fredell</td>
</tr>
<tr>
<td>2003 Leon Katzinger</td>
<td>2003 No Recipient</td>
<td>2000 Steven Kelly</td>
</tr>
<tr>
<td>2004 Joan Roels</td>
<td>2004 Christine Brillhart</td>
<td>2001 William Stokes</td>
</tr>
<tr>
<td>2006 Robin Allen</td>
<td>2006 Matthew Miller</td>
<td>2003 No Recipient</td>
</tr>
<tr>
<td>2008 Rachel Pappas</td>
<td>2008 Mark Koschmann</td>
<td>2005 Pamela Thompson</td>
</tr>
<tr>
<td>2009 No Recipient</td>
<td>2009 Carla Piazza</td>
<td>2006 Daniel Sealy</td>
</tr>
<tr>
<td>2010 No Recipient</td>
<td>2010 Melinda Coyle</td>
<td>2007 No Recipient</td>
</tr>
<tr>
<td>2011 Beth Quimby</td>
<td>2011 Jennifer Lenon</td>
<td>2008 No Recipient</td>
</tr>
<tr>
<td>2012 No Recipient</td>
<td>2012 Jayme Swanson</td>
<td>2009 Nancy Vossen</td>
</tr>
</tbody>
</table>

College Chemistry Teaching

| 1989 Joan Sabourin                 | 2001 Sandra Smith               |
| 1990 Bob Howell                   | 2002 Margaret Hill              |
| 1991 Robert Kohrman               | 2003 Dale Meier                 |
| 1992 Scott Hill                   | 2004 Katherine Blystone         |
| 1993 Ajit Sharma                  | 2005 Ronald Sharp               |
| 1994 Laura Vosejpka               | 2006 Arthur G. Smith            |
| 1995 George Eastland              | 2007 Cynthia N. Peck            |
| 1996 Martin Spartz                | 2008 No Recipient               |
| 1997 Philip Squattrito            | 2009 No Recipient               |
| 1998 Thomas Delia                 | 2010 Anton Jenson               |
| 1999 Steven E. Keinath            | 2011 No Recipient               |
| 2000 James Hutchison              | 2012 David S. Karpovich         |
| 2010 Sandra Schafer               |                                  |
| 2011 David Allan                  |                                  |
| 2012 David Bruessow               |                                  |
Science Education Volunteer

1993 Peter Bonk 2000 Karol Childs  Cal Goeders
1994 Peter Moehs 2001 Donald Petersen  Tim Drier
1995 Gretchen Kohl 2002 Joan McMahon  Dave Stickles
1996 John Blizzard 2003 John Blizzard  2010 Lisa Thackery
Richard Van Effen 2004 Jan Zanyk  2011 Charles & Barbara Roth
1997 Marvin Tegen 2005 Eldon Graham  2012 Estelle Lebeau
1998 Carlton Beyer 2006 Tom Chamberlin

Outstanding Achievement in the Promotion of Diversity in Chemistry, Related Sciences, and Engineering
(Awarded every other year)

2002 George Gant, Richard Stringfield 2008 Sandra Parker
2004 Smallwood Holoman, Jr. 2010 Theophilus Leapheart
2006 Joan Sabourin 2012 Linneaus Dorman

Outstanding Chemical Technician

1997 Connie J. Murphy 2004 Sherry Allen 2011 Amy Tesolin-Gee
1998 David Stickles 2005 Bill Rievert 2012 Amber Wallace
1999 Ronald L. Good 2006 Margo McIvor
2000 Kurt A. Bell 2007 Debbie Bailey
2001 Gordon R. Roof 2008 Sue Perz
2002 Cynthia J. Gould 2009 Diana Deese
2003 Robert Krystosek 2010 No Recipient-Spring Award

Outstanding Achievement and Promotion of the Chemical Sciences

1977 Dr. Etcyl H. Blair 1991 Dr. Thomas H. Lane 2005 Dr. Michael J. Owen
1978 Dr. David C. Young 1992 Dr. Donald A. Tomalia 2006 Dr. Robert E. Kohrman
1979 Dr. Vernon A. Stenger 1993 Dr. Dale J. Meier 2007 Dr. Petar R. Dvornic
1980 Dr. Daniel R. Stull 1994 Dr. Philip T. Delassus 2008 Dr. Jack Kruper
1981 Dr. Bob A. Howell 1995 Dr. Duane B. Priddy 2009 No Recipient
1982 Dr. Wendell L. Dilling 1996 Dr. Hans G. Elias 2010 No Recipient-Spring Awards
1983 Dr. Donald R. Weyenberg 1997 Dr. Ludo K. Frevel 2011 Dr. James Falender
1984 Dr. Edwin P. Plueddemann 1998 Dr. Patrick B. Smith 2012 No Recipient
1985 Dr. Raymond P. Boyer 1999 Dr. David E. Henton
1986 Stanley P. Klesney 2000 Dr. Steven J. Martin
1987 Dr. Warren B. Crummett 2001 Dr. Edwin C. Steiner
1988 Dr. A. Lee Smith 2002 Dr. Thomas J. Delia
1989 Dr. Do Ik Lee 2003 Dr. Robert M. Nowak
Outstanding Service to the American Chemical Society

1989  Dr. David C. Young  2000  Dr. Peter & Dr. Patricia Dreyfuss  2011  No Recipient
1990  Dr. Linneaus C. Dorman  2001  Dr. George W. Eastland, Jr.
1991  Dr. Donald R. Petersen  2002  Joan Sabourin
1992  Dr. Wendell L. Dilling  2003  John Blizzard
1993  Dr. Bob A. Howell  2004  Dr. Steven E. Keinath
1994  Eldon L. Graham  2005  Ann Birch
1995  Gretchen S. Kohl  2006  Dr. Philip Squattrito
1996  Fran K. Voci  2007  David L. Stickles
1997  Dr. Thomas H. Lane  2008  Connie Murphy
1998  Vicky S. Cobb  2009  No Recipient
1999  Dr. Theodore E. Tabor  2010  No Recipient-Spring Awards

Thomas H. Lane Science Education Award

2009  Ian Harrier
2010  No Recipient
2011  No Recipient
American Chemical Society – Midland Section

Nomination Form for 2013 Outstanding High School/Collegiate Chemistry Student

Dept. Chair or other Nominator: ____________________________________________________________

Telephone number: ________________________________________________________________

Email address (required): ___________________________________________________________

School: __________________________________________________________________________

******************************************************************************

Student’s name: (Mr./Ms.)__________________________ (Indicate) (Please print legibly)

Home address: ______________________________________________________________________

Telephone number: ________________________________________________________________

E-mail address (required): ___________________________________________________________

Student’s career/postgraduate plans (if known):

_______________________________________________________________________________

_______________________________________________________________________________

_______________________________________________________________________________

Please return this form to the following address no later than March 29, 2013:

Lauren M. Huffman
ACS Awards Committee Chair, Midland Section
The Dow Chemical Company
Michigan Operations
Building 1710, Lab 40
Midland, MI 48674
Phone: (989) 636-7371; Fax: (989) 638-6619
E-mail: lmhuffman@dow.com
ACS National Awards

ACS Award for Achievement in Research for the Teaching and Learning of Chemistry
ACS Award for Affordable Green Chemistry
ACS Award for Computers in Chemical and Pharmaceutical Research
ACS Award for Creative Advances in Environmental Science and Technology
ACS Award for Creative Invention
ACS Award for Creative Research and Applications of Iodine Chemistry
ACS Award for Creative Work in Fluorine Chemistry
ACS Award for Creative Work in Synthetic Organic Chemistry
ACS Award for Distinguished Service in the Advancement of Inorganic Chemistry
ACS Award for Encouraging Disadvantaged Students into Careers in the Chemical Sciences
ACS Award for Encouraging Women into Careers in the Chemical Sciences
ACS Award for Research at an Undergraduate Institution
ACS Award for Team Innovation
ACS Award in Analytical Chemistry
ACS Award in Applied Polymer Science
ACS Award in Chromatography
ACS Award in Colloid and Surface Chemistry
ACS Award in Industrial Chemistry
ACS Award in Inorganic Chemistry
ACS Award in Organometallic Chemistry
ACS Award in Polymer Chemistry
ACS Award in Pure Chemistry
ACS Award in Separations Science and Technology
ACS Award in the Chemistry of Materials
ACS Award in Theoretical Chemistry
Award for Volunteer Service to the American Chemical Society
Roger Adams Award in Organic Chemistry
Arthur W. Adamson Award for Distinguished Service in the Advancement of Surface Chemistry
Alfred Bader Award in Bioinorganic or Bioorganic Chemistry
Earle B. Barnes Award for Leadership in Chemical Research Management
Ronald Breslow Award for Achievement in Biomimetic Chemistry
Herbert C. Brown Award for Creative Research in Synthetic Methods
James Bryant Conant Award in High School Chemistry Teaching
Arthur C. Cope Award (Organic Chemistry)
Arthur C. Cope Scholar Awards
Elías J. Corey Award for Outstanding Original Contribution in Organic Synthesis by a Young Investigator
F. Albert Cotton Award in Synthetic Inorganic Chemistry
Peter Debye Award in Physical Chemistry
Frank H. Field and John L. Franklin Award for Outstanding Achievement in Mass Spectrometry
Francis P. Garvan - John M. Olin Medal (service to chemistry by women chemists)
James T. Grady - James H. Stack Award for Interpreting Chemistry for the Public
Ernest Guenther Award in the Chemistry of Natural Products
E. B. Hershberg Award for Important Discoveries in Medicinally Active Substances
Joel Henry Hildebrand Award in the Theoretical and Experimental Chemistry of Liquids
Ipatieff Prize
Ralph F. Hirschmann Award in Peptide Chemistry
E. V. Murphree Award in Industrial and Engineering Chemistry
Nobel Laureate Signature Award for Graduate Education in Chemistry
James Flack Norris Award in Physical Organic Chemistry
George A. Olah Award in Hydrocarbon or Petroleum Chemistry
George C. Pimentel Award in Chemical Education
Priestley Medal (distinguished services to chemistry)
Glenn T. Seaborg Award for Nuclear Chemistry
Gabor A. Somorjai Award for Creative Research in Catalysis
E. Bright Wilson Award in Spectroscopy
The Ahmed Zewail Award in Ultrafast Science and Technology
Recognizing our Heroes of Chemistry

Criteria and deadlines for the National ACS awards and other grants and considerations can be found at:
http://webapps.acs.org/findawards/detail.jsp?ContentId=CNBP_022409

National ACS Scholarships and Grants

National ACS

Considering Teaching as a Second Career? ACS Scholarships Available
The ACS-Hach Second Career Teacher Scholarship is awarded to professionals in the chemistry field pursuing a Master’s degree in education or becoming certified as a chemistry/science teacher. Up to $6,000 per year is available. Apply by April 1 at www.acs.org/hach.

Know Any Chemistry Undergrad Students Interested in Teaching? This Will Help
The ACS-Hach Land Grant Undergraduate Scholarship is awarded to undergraduate chemistry majors who attend one of our 72 partner institutions and are interested in teaching high school chemistry. Scholars will receive $6,000 per academic year for up to six years. Contact the partner institution for application and renewal details at www.acs.org/hach.

ACS-Hach High School Chemistry Grants for School Teachers in Your Community
Grants of up to $1,500 are available to chemistry teachers with innovative ideas that will transform classroom learning. Apply by April 1 at www.acs.org/hach.

Experienced a Recent Job Separation?

Michelle Cummings, Chair-Elect

The Midland Section would like to assist our members who recently experienced a job separation. There are several resources available to you as members on the National ACS website (www.acs.org; careers). A team of volunteer ACS experts are standing by to assist you via e-mail and/or phone with almost any career questions you might have, including:

- Résumé preparation
- Job search strategies
- Interviewing techniques
- Making a career transition
Salary negotiation techniques
And more . . .

To ensure that you receive the most up-to-date information, please take the opportunity to update your contact information on www.acs.org.

A trained, local ACS Career Consultant, Gerard Nowaczyk (gerard.s.nowaczyk@dowcorning.com), is available for you to contact regarding your personal situation. The Local Section is also pulling together a training class that will be open to you as ACS members and that will also cover these aspects of a career transition. Watch for updates and more specifics coming soon.

Midland Section to Host 44th ACS Central Regional Meeting (CERM), May 2013

*Phil Squattrito, Meeting Chair*

The 44th Central Region Meeting (CERM 2013) of the American Chemical Society will be held on May 15–17, 2013 on the campus of Central Michigan University in Mt. Pleasant, Michigan. The general theme of the meeting is *Building Blocks for a Sustainable World*.

Technical sessions on various aspects of chemistry related to sustainability as well as general sessions in the traditional areas of chemistry and chemical education are planned. Papers and posters are requested for symposia covering chemical education, analytical, biological, computational, environmental, inorganic, organic, medicinal, physical, and polymer chemistry, and more.

Abstract submission is now open. Abstracts may be submitted online at http://abstracts.acs.org. The deadline for abstract submission has been extended to March 27, 2013.

Technical program highlights will include poster sessions, undergraduate research symposia, a beer and wine making symposium with a related visit to a brewery, a silicon science symposium to celebrate the 150th anniversary of the discovery of organosilicon compounds and the 70th anniversary of Dow Corning Corporation, a sustainability symposium, materials-related (including nanotechnology) symposia, symposia about chemistry and global health, re-examining water fluoridation, and also water-biogeochemistry, an exhibition showcasing the latest products and materials from a range of vendors, and technical and career workshops.

A series of plenary sessions will feature prominent speakers on topics of global significance. Confirmed plenary speakers include Dr. Martine Vermeulen, retired Global Manager of Product Safety & Regulatory Compliance at Dow Corning; Dr. Mark E. Jones, Executive External Strategy and Communications Fellow, The Dow Chemical Company; and Dr. Kishor Wasan, Professor and Associate Dean of Research at the University of British Columbia.
Special events will include chemistry related art and history exhibits (History of The Dow Chemical Company Plant in Mt. Pleasant - 1903–1930; Images of The Dow Chemical Company from the Brush of Arthur Knighton-Hammond; and History of the Midland ACS Section, 1919–2013) with an art reception.

The Awards Banquet on Thursday night will feature the presentations of the ACS Division of Chemical Education Regional Award for Excellence in High School Chemistry Teaching, the E. Ann Nalley Regional Award for Volunteer Service to ACS, and the Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences. The featured speaker will be Dr. Mary Kirchhoff, ACS Director of Education.

Advance registration for the meeting will end on April 19, 2013. Regular registration will continue through May 17, 2013. Please visit the CERM 2013 website (http://2013cerm.sites.acs.org/) for registration and contact information, useful Web links, and up-to-date details on events as they become available.

All Midland Section ACS members are invited to submit abstracts and attend the meeting. Volunteers to help with planning and hosting the meeting are still welcome as well. Please contact Phil Squattrito (p.squattrito@cmich.edu or 989-774-4407) to volunteer or for more information.

**MMI Announces 2013 TAVP Program and Visit Dates**

*Steve Keinath, Director and TAVP Program Coordinator*

The Michigan Molecular Institute (MMI) is pleased to announce that Professor Kenneth Shull from Northwestern University will be the 2013 Turner Alfrey Visiting Professor (TAVP). His Northwestern website (http://shullgroup.northwestern.edu) will give you a feel for his current R&D activities and interests, since the specific details about Prof. Shull’s TAVP course lecture topic and various stand-alone seminar topics aren’t in hand yet.

Prof. Shull will be in residence at MMI from Monday, June 17, through Wednesday, June 26. The first week (June 17–21) will be the week in which he will give a series of five afternoon course lectures, plus make quick visits to MSU and SVSU, and participate in an opening reception at MMI, and a joint technical society evening dinner meeting (June 19). The second week (June 24–26) will be dedicated to full-day site visits to Dow, Dow Corning, and CMU. Please mark your calendars with the 2013 TAVP visit dates now, and stay tuned as more information becomes available.

**Midland Section ACS Historical Exhibit at Clarke Historical Library**

*Wendell Dilling, Director and Historian*

The Midland Section ACS currently has an exhibit of Section historical materials on display in the Clarke Historical Library (within the Park Library) at Central Michigan University. This exhibit will be on display for the first half of 2013, and will also be featured at the 44th ACS Central Regional Meeting being held at CMU on May 15-17, 2013.

As part of that exhibit, four banners (the pictures of which are shown on the following four pages) were produced by Janet Danek, Coordinator or Exhibits at the Park Library at CMU. Local Section members are encouraged to view the entire exhibit in person at their leisure, or to stop by for a quick visit during the Central Regional Meeting.
American Chemical Society
Midland Section

Established

The Midland Section of the American Chemical Society was chartered in December 1919.

Initially, its purpose was to provide an opportunity for scientific discussion among those employed at the Dow Chemical Company. Over the last 90 years, the organization’s purpose has evolved with its growing support and education of the scientific community.
MILESTONES

1919 Midland Section chartered by National ACS
1919 First Section Chair - H.H. Dow
1945 First Fall Scientific Meeting
1952 First Midland Section member served as National ACS President - Edgar G. Button
1962 First L. C. Button Symposium on Industrial Chemistry
1964 First issue of The Midland Chemist
1974 First Outstanding Local Section Award won by the Midland Section
1982 First Central Regional ACS Meeting hosted by the Midland Section
1983 First Public Information Forum (Dioxin)
1987 First ACS National Chemistry Day SelfTest program
1989 First female Section Chair - G. Kohl
1997 First National Historical Chemical Landmark in the Midland Section
2009 Second Section member served as National ACS President - Thomas H. Lane
American Chemical Society
Midland Section

Core Activities

Well into the 1940s it was common for more than 100 Section members to attend the twice-weekly meetings. The programs brought to Midland noted outside speakers who shared the latest developments in chemistry. Today the Section continues to sponsor regular, well-attended lectures and presentations enriching the membership’s knowledge of chemistry.

- Programs
- Short Courses
- Fall Science Meetings
- Lectures and Presentations
- Educating the Community
  - Chemistry Outreach
  - Science Teacher Collaboration
  - Public Information and Events
  - Educated Students at all levels
  - Scholarship Opportunities
  - 1956 Radio Quiz Show

(Courtesy of P.O. Box 2695, Midland, MI 48641-2695)

(Courtesy of Professor Peter Debye, Nobel Laureate)
AMERICAN CHEMICAL SOCIETY
MIDLAND SECTION

ACHIEVEMENTS

• Section Scholarships
• Project Science Literacy Program
• Project SEED – student hosted
• Student Essay Contest
• Chemistry Explorer Post
• National Chemistry Olympiad involvement by Midland Section
• ChemLucinary Award
• Newsletter: The Midland Chemist
• Section Awards
  - Outstanding Achievement
  - Service to ACS Technician
  - Science and Chemistry Teaching
  - Education Volunteer

Dr. Edward F. Land

Gold Jury Award Winner 2003 Midland Section Awards

By Helen Backhouse

In the September 2003 American Chemical Society Midland Section Newsletter, the highlights of the 2003 Midland Section Awards were listed. The Outstanding Achievement Award was given to Dr. Edward F. Land, a renowned chemist and founder of Eastman Kodak. The Service to ACS Technician Award was presented to John J. Miller, who has dedicated many years to the Midland Section. The Science and Chemistry Teaching Award was given to Dr. Jane Smith, who has made significant contributions to education. The Education Volunteer Award was presented to Mary Johnson, who has volunteered无数小时 to support Midland Section activities.
Anderson Development Company Seeking to Hire a Quality Control Specialist

Mark Kramer, Anderson Development Company

Anderson Development Company is a fine and specialty chemical company located in Adrian, MI, about 45 min SW of Ann Arbor, MI and 40 min NW of Toledo, OH. Although, many people have never heard of us, I can guarantee that you have seen our products without knowing it, in someone else’s product. We have done custom synthesis work for Midland area chemical companies.

We are seeking to hire a quality control specialist. We are looking for a person with an Associate’s degree or equivalent in laboratory experience (10+ years in QC lab). The following experience is necessary for this position:

- Instrument calibrations, troubleshooting, and repairs (GC, LC, FTIR, Titrator, GC-MS, etc.)
- GC (Varian CP-3800, 3900 & 450-GC)
- LC (Varian 410)
- FTIR (Varian Excalibur 3100)
- Titrator (Brinkmann or Metrohm)
- Knowledge of Galaxie Analytical Software or equivalent
- Method Development and Material Verification
- Proficient with Microsoft Office, Visual Basic, and Access
- Knowledge of Sample Manager LIMS (Laboratory Information Management System) or equivalent
- Ability to multi-task and adapt to a fast pace laboratory environment

We are just starting to talk to people, so the timing is good to send employment inquiries our way now. For more information, contact Mark Kramer (mark.kramer@anddev.com) or send inquiries to the Anderson Human Resources group in Adrian (HR.Adrian@anddev.com).

Upcoming Dates, Events, and Other Updates

- March 25 (5:30-7:00 PM) – Midland Section ACS Open House, Midland Center for the Arts (MCFTA), Saints & Sinners Lounge. Town Hall meeting to follow in the MCFTA Board Room at 7:00 PM.
- March 25 (7:00-9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.
- March 27 – Abstract submission deadline for 44th ACS Central Regional Meeting (CERM). Abstracts may be submitted online at: http://abstracts.acs.org.
- March 29 – Deadline for 2013 Science Teaching, Volunteer, Education, and Chemical Sciences Awards nominations. Contact Lauren Huffman (lmhuffman@dow.com), Awards Committee Chair, for questions.
- April 1 – Application deadline for ACS-Hach Second Career Teacher Scholarships. Contact www.acs.org/hach.
- April 19 – Advance registration deadline for 44th ACS Central Regional Meeting (CERM). Visit the CERM 2013 website (http://2013cerm.sites.acs.org/) for registration details and other information.
- April 23 (Evening, specific time TBD) – Midland Section ACS Spring Science Awards Banquet, Great Hall Banquet and Convention Center, Midland. Contact Lauren Huffman (lmhuffman@dow.com), Awards Committee Chair, for questions.
• April 25 (Daytime and evening events, specific times TBD) – Midland Section ACS Career Day, Great Hall & Convention Center, Midland. Contact Michelle Cummings (michelle.cummings@dowcorning.com), Midland Section Chair-Elect, for more information.

• May 6 (7:00-9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.

• May 15–17 (Wednesday-Friday) – 44th ACS Central Regional Meeting (CERM) (http://2013cerm.sites.acs.org/), Central Michigan University, Mount Pleasant, MI. For more information, contact the 44th CERM Meeting Chair, Phil Squattrito, at p.squattrito@cmich.edu or by phone at 989-774-4407.

• June 3 (7:00-9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.

• June 17–21 (3:00-6:00 PM, each day) – 2013 TAVP course lectures, featuring Prof. Kenneth Shull of Northwestern University, MMI Auditorium, Midland. Contact Steve Keinath (keinath@mmi.org) for questions.

• June 19 (6:30-9:00 PM) – TAVP joint technical society dinner meeting, lecturer Prof. Kenneth Shull of Northwestern University, venue TBD. Contact Steve Keinath (keinath@mmi.org) for questions.