

THE MIDLAND CHEMIST

A publication of the Midland Section of the American Chemical Society

February 2015, Vol. 52, No. 2

Contents

Midland Section Technologist to Receive the National Chemical Technician Award at the ACS meeting in Denver.....	1
Website under Construction	1
Meet the Board	2
Looking for Funding for a Degree in Chemistry?	3
National ACS Recognition for SVSU and CMU Student Chapters.....	3
Chemistry on the Silver Screen – February 24.....	4
Website News and Needs.....	5
2015 Joint Great Lakes Central Regional Meeting.....	5
Upcoming Events Sponsored by the Mid-Michigan Section of AIChE.....	6
Nominations Open for 2015 ACS Fellows	6
Announcing the 2015 Spring Awards Banquet and Call for Nominations	7
Call for Nominations: 2015 Teaching, Volunteer, Education, Chemical Sciences Awards.....	8
Previous Recipients of Midland Section ACS Awards.....	11
ACS National Awards for 2015–2016 Nomination	13
Upcoming Dates, Events, and Other Updates	15

Midland Section Technologist to Receive the National Chemical Technician Award at the ACS meeting in Denver

Janet Smith, Director, Midland Section ACS

Jeffrey Seifferly will be presented with the National Chemical Technician Award on Sunday, March 22, 2015, at the ACS Diversity Reception (5:00-7:00 PM) at the Hyatt Regency in Denver. This prestigious award was established in 1989 to recognize the outstanding career achievements of exceptional technicians and encompasses technical achievement as well as community service and outreach. Jeff is the 27th recipient, and the 6th recipient from the Midland Local Section.

Website under Construction

Gina Malczewski, Chair, Midland Section ACS

Portions of the ACS Website have been out-of-date for some time, and we are taking the opportunity to make it current, more informative, and more user friendly. You will notice changes in stages between now and April. Board and Committee contact information (under "About Us") will be updated this month. If you have suggestions or comments, you can email our new webmaster at satyajitsarkar98@gmail.com.

Meet the Board

Gina Malczewski, Chair, Midland Section ACS

Below please find the 2015 ACS Board. Be sure to bring any issues or ideas to their attention and thank them for their service if you get the chance!



*Gina Malczewski,
Chair*



*Michelle Rivard,
Chair-elect*



*Michelle Cummings,
Past Chair*



*Wendell Dilling,
Director*



*Steve Keinath,
Director*



*Anne Kelly-Rowley,
Director*



*Brian Landes,
Director*



*Tom Lane,
Director*



*Abhijit Sarkar,
Director*



*Janet Smith,
Director*



*Dave Stickles,
Director*



*Kevin Wier,
Director*



*Wendy Flory,
Treasurer*



*Kshitish Patankar,
Chair of Nominations
and Elections*



*Tina Leaym,
Councilor*



*Xiaoyun (Shawn) Chen,
Alternate Councilor*



*Tammy Sivy,
Alternate Councilor*

Looking for Funding for a Degree in Chemistry?

Gina Malczewski, Chair, Midland Section ACS

Applications are now open for the Midland Section ACS Scholarship, for those students in any of the Section's five counties (Midland, Bay, Saginaw, Isabella, and Gratiot) who are seeking an academic degree in a chemical science. The criteria for our scholarships are listed on the Midland Area Community Foundation website (www.midlandfoundation.org).

There are several additional funding options also available. Be sure to consider all the possibilities! Once on the foundation website, if you search on "chemistry" you will find additional scholarships, including scholarships listed in the following names:

John W. Ryan
Donald R. Weyenberg
Irene T. Takahashi
Turner Alfrey, Jr.
Doctors Dale and Lisa Davis
Ralph and Faye Prescott
William H. Schuette
Bernie Meister
Bob G. Caldwell
Jim Malek
Louis "Bud" C. Rubens

Be sure to note the requirements and award limits on the main page, and good luck!

National ACS Recognition for SVSU and CMU Student Chapters

Dale LeCaptain, Councilor, Midland Section ACS, and Faculty Advisor, CMU Student Chapter

SVSU and CMU student members are headed to Denver, with research results to present, talks to see and hear, expos to explore, and awards to collect. That's right, both student chapters have earned National ACS recognition once again for their programs and activities in the 2013-14 school year.

- SVSU – Outstanding Student Chapter Award
- CMU – Commendable Student Chapter Award

Congratulations to all of their members for doing so much for their communities and universities. From science demos at elementary schools, tutoring services, trips to chemical facilities, or just hanging out to strengthen their networks. Both groups are sending representatives to Denver for the ACS National meeting and to that end, are asking for Midland Section membership support. For more information, contact Dale LeCaptain at lecap1dj@cmich.edu.

Chemistry on the Silver Screen – February 24

Wendy Flory, Treasurer, Midland Section ACS

Save the date: Tuesday, February 24, 2015, for the next ACS-Program-in-a-Box event on the topic of chemistry in the movies.

Science is finding a bigger place on the silver screen and in our living rooms. But what's behind this new attraction and how is Hollywood influencing the public's view? Tune in for a discussion on how Hollywood is working to incorporate science, and meet the people that are making it happen.



This event will be held at two locations – CMU and SVSU. There will be signs posted at the CMU chemistry building on the day of the event. For more information, contact Wendy Flory at wcfly@down.com.

The poster features the ACS logo at the top left with the tagline 'Chemistry for Life®'. The main title 'ACS PROGRAM IN A BOX' is prominently displayed in blue, with 'IN A BOX' in a stylized font. Below the title is the date 'Tuesday, Feb. 24, 2015'. A large yellow ticket graphic is the central focus, with 'CHEMISTRY' in bold black letters, 'on the silver screen' in a script font, and the numbers '02' and '24' on either side. Below the ticket are five stars and the text 'LIVE | FEB. 24, 2015'. To the left of the ticket is the 'Breaking Bad' logo. To the right is a list of activities: '6:00 pm ET Networking', '7:00 pm ET Webinar', and '7:30 pm ET Live Q&A'. Below the ticket is the 'GRAVITY' logo. At the bottom left, a text box says 'Join us to learn how chemists and chemistry have influenced movies and TV shows like Breaking Bad, Gravity, Battlestar Galactica, and Eureka.' To the right of this box are the 'BATTLESTAR GALACTICA' logo and a 'EUREKA' logo featuring the show's characters. At the bottom, it states 'This ACS Program-in-a-Box is sponsored by Procter & Gamble' with the P&G logo.

ACS
Chemistry for Life®

ACS PROGRAM IN A BOX

Tuesday, Feb. 24, 2015

CHEMISTRY
on the silver screen

02 24

★ ★ ★ ★ ★

LIVE | FEB. 24, 2015

Breaking Bad

- 6:00 pm ET Networking
- 7:00 pm ET Webinar
- 7:30 pm ET Live Q&A

GRAVITY

Learn More and Register:
www.acs.org/pib

Join us to learn how chemists and chemistry have influenced movies and TV shows like *Breaking Bad*, *Gravity*, *Battlestar Galactica*, and *Eureka*.

BATTLESTAR GALACTICA

EUREKA

This ACS Program-in-a-Box is sponsored by Procter & Gamble

P&G

Website News and Needs

Gina Malczewski, Chair, Midland Section ACS

The updated information on our new Midland Section Board and committee chairs has now gone LIVE on the website. Changes have been made to the "Home" and "About Us" tabs. We need committees to submit short descriptions of their mission, their goals, their activities, and other related information by February 28 to our webmaster (satyajitsarkar98@gmail.com); please work to make these descriptions date insensitive. We soon will have an "Activities and Events" Tab to highlight events. On the topic of events, we will be making a renewed effort to keep the Google calendar updated, so please send basic information about the activities you have planned during the next three months to Gina Malczewski (reginamalczewski@gmail.com) for posting.

2015 Joint Great Lakes Central Regional Meeting

Vickie Langer, Editor, The Midland Chemist

The ACS invites you to the 2015 Joint Great Lakes Central Regional Meeting (JGLCRM), to be held May 27–30 at the DeVos Place in Grand Rapids, Michigan. Advance registration and abstract submission are now open. Visit the [JGLCRM website](#) for up-to-date program information.

ACS JGLCRM in Grand Rapids

SAVE THE DATE May 27-30, 2015

Joint Great Lakes – Central Regional Meeting



Grand Rapids, MI | jglcrm2015.com

The co-hosting Sections are the Kalamazoo Section in the Great Lakes Region and the Western Michigan Section in the Central Region.

Program co-chairs

James J. Kiddle
Kalamazoo Section
James.Kiddle@wmich.edu

and

Mark Thomson
Western Michigan Section
MarkThomson@ferris.edu

General co-chairs

Lydia E. M. Hines
Kalamazoo Section
lemhwgh@email.com

and

Neal Fox
Western Michigan Section
NealFox@comcast.net

THEME:
Chemistry
A Grand Enterprise

Plenary Speaker:

Scott Denmark
11 a.m., May 27 (Wed)

Keynote Speakers:

Joan Brennecke (ENVN)
4:30 p.m., May 27 (Wed)

Dustin Mergot (HEALTH)
4:30 p.m., May 28 (Thu)

Focus Areas:
Food, Health, Environment

Plan to attend and/or be a part of the program

Contribute ideas for sessions!

Offer to organize a symposium!



jglcrm2015.com

American Chemical Society – Midland Section
P.O. Box 2695, Midland, MI 48641-2695 www.midlandacs.org

5

Upcoming Events Sponsored by the Mid-Michigan Section of AIChE

Bruce Holden, Secretary, Mid-Michigan AIChE

All Midland Section ACS members are cordially invited to attend any of several invited-speaker events hosted by the Mid-Michigan Section of the AIChE. These meetings are held at the Grand Traverse Pie Company, 2600 North Saginaw Road, in Midland. Admission is free and may be accompanied by a limited supply of free sandwiches or pizza with other food available for purchase on site. Meeting times and locations are subject to change, so be sure to check out the MMAIChE website at <http://www.mmaiche.org> for any updates to the schedule.

Some of the following events may be of interest to Midland Section ACS members. More information on each of these events, including presentation abstracts and short bio sketches of the presenters, is available on the MMAIChE website. Just click on "Program Flyer" near the top of the MMAIChE Events page at <http://www.mmaiche.org/events.html>. You may also contact Bruce Holden at bsholden@dow.com or 989-636-5225 for more information.

- **Margie Pierce**, Owner, Sourcing Engineers, Inc.
Entrepreneurship in Engineering
Wednesday, February 18, 2015, 6:00 PM dinner (optional), 7:00 PM presentation
- **Aaron Johnson**, Global Application Development Leader, Dow Water & Process Solutions
Potential and Controversies of Fracking
Wednesday, March 11, 2015, 6:00 PM dinner (optional), 7:00 PM presentation
- **Joe VanderKelen**, President, SMI Snow Makers
SMI Snow Makers and the Sochi 2014 Olympics
Tuesday, April 7, 2015, 6:00 PM dinner (optional), 7:00 PM presentation

Nominations Open for 2015 ACS Fellows

From the ACS Weekly Newsletter, February 10, 2015



Nominations are now open for the 2015 class of ACS Fellows; the deadline for nominations is April 1, 2015. The ACS Fellows Program recognizes ACS members for excellence and leadership in both of two areas: (1) science, the profession, education, and/or management, and (2) volunteer service in the ACS community. (Pictured: 2014 ACS Fellow Dr. Victor R. McCrary, Morgan State University, is congratulated by ACS Past President Marinda Wu.)

Please consider chemical professionals for nomination who have outstanding contributions and achievements resulting in both lasting beneficial impact on the science/profession and significant enhancements to ACS programs, products, or services. Nominations are submitted online and are solicited from ACS National Committees, Local Sections, and Divisions, as well as from individual members.



We look forward to receiving your nominations, and to the opportunity to recognize chemical professionals who are making an impact. Visit www.acs.org/fellows for additional information, or e-mail questions to fellows@acs.org.

Announcing the 2015 Spring Awards Banquet and Call for Nominations

Diana Deese, Awards Committee Chair, Midland Section ACS

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 to nominate that outstanding person to be recognized at the American Chemical Society–Midland Section Spring Awards Banquet at the Great Hall and Convention Center in Midland on Wednesday, May 6, 2015. 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 one hour to put together an award-winning letter, and an additional 15 minutes soliciting supporting letters. Think of what it will mean to that person and how good you will feel about your good deed. I have listed previous award recipients and would like to remedy that nasty “No Recipient” comment, as there is surely someone deserving in every category!

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 them below (see page 13), each linked to the corresponding Web address where you can find out more information. Now is the time to begin nominations for National ACS awards for 2015–2016 as most annual award nominations have a deadline of November 1.

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 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. An example nomination letter can be requested from the awards chair via e-mail. Nominations not meeting the minimum requirements, and submissions received after the April 7, 2015 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 right here in *The Midland Chemist*!

As always, contact me if you have any questions: Diana Deese, Midland Section ACS Awards Committee Chair (dkdeese@dow.com).

Call for Nominations: 2015 Teaching, Volunteer, Education, Chemical Sciences Awards
Diana Deese, Awards Committee Chair, Midland Section ACS

Each year, the Midland Section of the American Chemical Society presents awards to recognize outstanding achievement in the chemical sciences. Nominations for the 2015 awards are invited for the following areas:

- Outstanding Elementary Level Science Teaching
- Outstanding Middle Level Science Teaching
- Outstanding High School Chemistry Teaching
- Outstanding College Chemistry Teaching
- Science Education Volunteer of the Year
- Outstanding Achievement and Promotion of the Chemical Sciences
- Outstanding Service to the American Chemical Society
- Outstanding Chemical Technician
- Outstanding High School/College Chemistry Students

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 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 in a related field, and whose primary job includes conducting experimentation or correlating information to help solve chemical problems or discover new chemical knowledge. The nominee 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. ACS membership is not required for chemical technicians to be eligible for this award. Nominations should include outside affiliations. *Request the National ACS nomination form from the awards chair to nominate in this category.*

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 Midland Section ACS 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.

The deadline for nominations is Tuesday, April 7, 2015. Nominations not meeting the minimum requirements, and submissions received after the April 7 deadline, will not be considered. 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.

Outstanding Chemistry Students

The Awards Committee also recognizes outstanding chemistry students at the high school and collegiate levels. Those students should be selected by their respective departments, and their names forwarded to the Awards Committee using the form attached to this call for nominations (see page 10). One selection per school; no supporting letters needed.

Award recipients, as well as Chemistry Olympiad winners and Fifty/Sixty/Seventy Year ACS Members, will be honored at the 2015 ACS Spring Recognition Dinner at the Great Hall and Convention Center, in Midland, on Wednesday, May 6, 2015.

The Awards Committee greatly appreciates the efforts involved in nominating someone, and wishes to thank you for helping to recognize deserving students, colleagues, and educators in our local 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 Diana Deese.

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

Diana K. Deese, Chair
ACS Midland Section Awards Committee
Phone: (989) 636-9915
E-mail: awards@midlandacs.org or dkdeese@dow.com



American Chemical Society – Midland Section

**Nomination Form for 2015 Outstanding High School / Collegiate Chemistry Student
ACS Midland Section**

Dept. Chair or other Nominator: _____

Telephone number: _____

E-mail 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 **April 7, 2015**:

Diana K. Deese

ACS Awards Committee Chair, Midland Section

Phone: (989) 636-9915

E-mail: dkdeese@dow.com

Previous Recipients of Midland Section ACS Awards

Diana Deese, Awards Committee Chair, Midland Section ACS

Elementary Level Science Education

1992	Karen Ziemelis
1993	Lela Wade
1994	Constance A. Dullock
1995	Joan Kloplic
1996	Mark Hackbarth
1997	Denise Koppleberger, Cheryl Ruthig
1998	Barbara McGivern
1999	John Clark
2000	Sue Burtch, Robin Harshman-Rogers, Vicki Richard, Clare Jorgensen
2001	Cathy Egerer, Amy Hindbaugh-Marr
2002	Maureen Becker
2003	Leon Katzinger
2004	Joan Roels
2005	Curt Moses
2006	Robin Allen
2007	Diane Huckins
2008	Rachel Pappas
2009	No Recipient
2010	No Recipient
2011	Beth Quimby
2012	No Recipient
2013	No Recipient
2014	No Recipient

Middle Level Science Education

1992	Derrell Steffen
1993	Laurie Hepinstall
1994	JoAnn Kraut
1995	No Recipient
1996	Barbara J. Bibbee
1997	Gary J. Johnson
1998	No Recipient
1999	No Recipient
2000	No Recipient
2001	No Recipient
2002	Joel Mikusko
2003	No Recipient
2004	Christine Brillhart
2005	No Recipient
2006	Matthew Miller
2007	John Hoving
2008	Mark Koschmann
2009	Carla Piazza
2010	Melinda Coyle
2011	Jennifer Lenon
2012	Jayne Swanson
2013	John Barnes
2014	No Recipient

High School Chemistry Teaching

1989	Robert Wallace
1990	Gary Ronk
1991	No Recipient
1992	John Clark, Edna Konwinski
1993	Mary Irons
1994	Jo Ann Pelkki
1995	No Recipient
1996	Sandra Schafer
1997	Mary Fredell
1998	Dale Ressler
1999	Robert Enszer
2000	Steven Kelly
2001	William Stokes
2002	Robert Hansen
2003	No Recipient
2004	Doug Grezeszak
2005	Pamela Thompson
2006	Daniel Sealy
2007	No Recipient
2008	No Recipient
2009	Nancy Vossen
2010	Sandra Schafer
2011	David Allan
2012	David Bruessow
2013	Tom Short / Sarah Beery
2014	No Recipient

College Chemistry Teaching

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

Science Education Volunteer

1992	Gregg Young	2007	Teri Bickmore
1993	Peter Bonk		Cal Goeders
1994	Peter Moehs	2008	Tim Drier
1995	Gretchen Kohl	2009	Dave Stickle
1996	John Blizzard	2010	Lisa Thackery
	Richard Van Effen	2011	Charles & Barbara Roth
1999	William Albe		
2000	Karol Childs		
2001	Donald Petersen		
2002	Joan McMahan		
2003	John Blizzard		
2004	Jan Zanyk		

1997	Marvin Tegen	2005	Eldon Graham	2012	Estelle Lebeau
1998	Carlton Beyer	2006	Tom Chamberlin	2013	No Recipient
				2014	Charles Nielsen

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	2014	Victor Atiemo-Obeng
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 Stickle	2005	Bill Rievert	2012	Amber Wallace
1999	Ronald L. Good	2006	Margo McIvor	2013	No Recipient
2000	Kurt A. Bell	2007	Debbie Bailey	2014	Jeff Seifferly
2001	Gordon R. Roof	2008	Sue Perz		
2002	Cynthia J. Gould	2009	Diana Deese		
2003	Robert Krystosek	2010	No Recipient		

Outstanding Achievement and Promotion of the Chemical Sciences

1976	Dr. Turner Alfrey, Jr.	1990	Dr. Joseph E. Dunbar	2004	Herbert D. (Ted) Doan
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
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	2013	No Recipient
1986	Stanley P. Klesney	2000	Dr. Steven J. Martin	2014	No Recipient
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.	2012	No Recipient
1991	Dr. Donald R. Petersen	2002	Joan Sabourin	2013	No Recipient
1992	Dr. Wendell L. Dilling	2003	John Blizzard	2014	No Recipient
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. Stickle		
1997	Dr. Thomas H. Lane	2008	Connie Murphy		
1998	Vicky S. Cobb	2009	No Recipient		
1999	Dr. Theodore E. Tabor	2010	No Recipient		

ACS National Awards for 2015–2016 Nomination

Diana Deese, Awards Committee Chair, Midland Section ACS

Editor's note: Several Midland Section ACS members have received various National ACS awards over the years. Please see their names, as noted, below.

[ACS Award for Achievement in Research for the Teaching and Learning of Chemistry](#)

[ACS Award for Affordable Green Chemistry](#)

2012 William J. Kruper

[ACS Award for Computers in Chemical and Pharmaceutical Research](#)

[ACS Award for Creative Advances in Environmental Science and Technology](#)

1986 Eugene E. Kenaga

[ACS Award for Creative Invention](#)

1984 Edwin P. Plueddemann

[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](#)

1970 Raymond F. Boyer

[ACS Award in Chromatography](#)

1991 Hamish Small

[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](#)

1973 Turner Alfrey, Jr.

[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](#)

[Alfred Bader Award in Bioinorganic or Bioorganic Chemistry](#)

[Earle B. Barnes Award for Leadership in Chemical Research Management](#)

1987 Malcolm E. Pruitt

2009 Gregg A. Zank

2014 William F. Banholzer

[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](#)

[Arthur C. Cope Scholar Awards](#)
[Elias 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 Joe L. Franklin Award for Outstanding Achievement in Mass Spectrometry](#)
[Francis P. Garvan - John M. Olin Medal](#)
[James T. Grady - James H. Stack Award for Interpreting Chemistry for the Public](#)
[Harry Gray Award for Creative Work in Inorganic Chemistry by a Young Investigator](#)
[Ernest Guenther Award in the Chemistry of Natural Products](#)
[Kathryn C. Hach Award for Entrepreneurial Success](#)
[E. B. Hershberg Award for Important Discoveries in Medicinally Active Substances](#)
[Joel Henry Hildebrand Award in the Theoretical and Experimental Chemistry of Liquids](#)
[Frederic Stanley Kipping Award in Silicon Chemistry](#)
1990 John L. Speier, Jr.
[E. V. Murphree Award in Industrial and Engineering Chemistry](#)
[Nakanishi Prize](#)
[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](#)
[Charles Lathrop Parsons Award](#)
[George C. Pimentel Award in Chemical Education](#)
[Priestley Medal](#)
[Glenn T. Seaborg Award for Nuclear Chemistry](#)
[Gabor A. Somorjai Award for Creative Research in Catalysis](#)
[George and Christine Sosnovsky Award for Cancer Research](#)
[E. Bright Wilson Award in Spectroscopy](#)
[Ahmed Zewail Award in Ultrafast Science and Technology](#)
[Heroes of Chemistry](#)
1999 Etcyl Blair
1999 Ray Rigterink
1999 Art Sexton
2000 L.C. Rubens

Criteria and deadlines for the National ACS awards, and other grants and considerations, can be found at <http://www.acs.org/content/acs/en/funding-and-awards/awards/national/2015-national-awards-administered-by-ac.html>

National ACS Fellows from the Midland Section

2010 Wendell L. Dilling
2010 Michael J. Owen
2011 Bob A. Howell
2011 Thomas H. Lane
2011 Connie J. Murphy
2013 Patrick B. Smith
2014 Janet M. Smith

Upcoming Dates, Events, and Other Updates

- February 18 (6:00 – 8:00 PM) – MMAICHe sponsored lecture, *Entrepreneurship in Engineering*, presented by Margie Pierce, Owner, Sourcing Engineers, Inc. Location and time: Grand Traverse Pie Company, 2600 North Saginaw Road, Midland, 6:00 PM dinner (optional), 7:00 PM presentation. For more information, see <http://www.mmaiche.org/events.html> and click on “Program Flyer” near the top of the page, or contact Bruce Holden at bsholden@dow.com.
- February 24 (Save the date) – ACS Program-in-a-Box event on the topic of *Chemistry on the Silver Screen*. For more information, contact Wendy Flory at wcflorey@dow.com.
- March 2 (7:00 – 8:30 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.
- March 11 (6:00 – 8:00 PM) – MMAICHe sponsored lecture, *Potential and Controversies of Fracking*, presented by Aaron Johnson, Global Applications Development Leader, Dow Water & Process Solutions. Location and time: Grand Traverse Pie Company, 2600 North Saginaw Road, Midland, 6:00 PM dinner (optional), 7:00 PM presentation. For more information, see <http://www.mmaiche.org/events.html> and click on “Program Flyer” near the top of the page, or contact Bruce Holden at bsholden@dow.com.
- March 22–26 – 249th ACS National Meeting & Exposition, Denver, CO. For more information, see <http://www.acs.org/content/acs/en/meetings/spring-2015.html>.
- **Change of date: Tuesday, April 7 (7:00 – 8:30 PM)** – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.
- April 7 – Deadline for Midland Section ACS Spring Awards nominations to honor outstanding educators, volunteers, and colleagues. For more information, contact Diana Deese, Midland Section ACS Awards Committee Chair, at dkdeese@dow.com or 989-636-9915.
- April 7 (6:00 – 8:00 PM) – MMAICHe sponsored lecture, *SMI Snow Makers and the Sochi 2014 Olympics*, presented by Joe VanderKelen, President, SMI Snow Makers. Location and time: Grand Traverse Pie Company, 2600 North Saginaw Road, Midland, 6:00 PM dinner (optional), 7:00 PM presentation. For more information, see <http://www.mmaiche.org/events.html> and click on “Program Flyer” near the top of the page, or contact Bruce Holden at bsholden@dow.com.
- May 4 (7:00 – 8:30 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.
- May 6 (Save the date, evening program) – Midland Section ACS Spring Awards Banquet, Great Hall and Convention Center, 5121 Bay City Road, Midland. For more information, contact Diana Deese, Midland Section ACS Awards Committee Chair, at dkdeese@dow.com or 989-636-9915.
- May 14 (Save the date) – 12th Annual ChEMS Research Forum, Huntington Club at Spartan Stadium on the campus of Michigan State University, East Lansing. For more information, please see <http://www.chems.msu.edu/forum2015>.
- May 27–30 – ACS Joint Great Lakes/Central Regional Meeting, Grand Rapids, MI. For more information, see <http://jglcrm2015.com/>.
- June 1 (7:00 – 8:30 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.

The Midland Chemist is published twelve times a year by the Midland Section of the American Chemical Society, P.O. Box 2695, Midland, MI 48641-2695, <http://www.midlandacs.org>.

Volunteer Staff

Vickie Langer	Editor (vlanger@dow.com)
Steve Keinath	Editor (keinath@mml.org)
Satyajit Sarkar, Greg Cushing	Webmaster, electronic distribution
Position open	Membership roster, hardcopy mailings

Please submit all articles and photographs to the editor. Neither *The Midland Chemist*, nor the Midland Section, nor the American Chemical Society assumes any responsibility for the statements and opinions advanced by contributors of or to *The Midland Chemist*.

© Copyright 2015 Midland Section of the American Chemical Society

The Midland Chemist is now primarily available online with publication notification by e-mail. If you are currently receiving *The Midland Chemist* as a hardcopy, this means that we do not have an e-mail address for you. If you do have e-mail and would prefer to get the publication electronically, please notify the editor at newseditor@midlandacs.org. However, if you do not have e-mail, we are happy to provide the publication as hardcopy. If you have any questions about events and only electronic communication information is listed, feel free to contact the Midland Section Chair, Gina Malczewski, at 989-631-4038.