

THE MIDLAND CHEMIST

A publication of the Midland Section of the American Chemical Society

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Midland Section ACS 2015 Officers and Committee Chairs

Gina Malczewski, Chair, Midland Section ACS

Below please find a listing of the 2015 Officers and Board of the Midland Section of the American Chemical Society, as well as a listing of the Midland Section committees and committee chairs.

Midland Section 2015 Officers	
<i>Chair</i>	<i>Gina Malczewski</i>
<i>Chair-elect</i>	<i>Michelle Rivard</i>
<i>Treasurer</i>	<i>Wendy Flory</i>
<i>Secretary</i>	<i>Wenyi Huang</i>
<i>Past Chair</i>	<i>Michelle Cummings</i>
<i>Councilors</i>	<i>Tina Leaym</i> <i>Dale LeCaptain</i>
<i>Alternate Councilors</i>	<i>Shawn Chen</i> <i>Tammy Sivy</i>
<i>Directors</i>	<i>Wendell Dilling</i> <i>Steve Keinath</i> <i>Anne Kelly-Rowley</i> <i>Brian Landes</i> <i>Tom Lane</i> <i>Abhijit Sarkar</i> <i>Janet Smith</i> <i>Dave Stickles</i> <i>Kevin Wier</i>

Committee	Committee Chair
<i>Awards</i>	<i>Diana Deese</i>
<i>Chemistry Olympiad</i>	<i>Sue Gennrich</i>
<i>Publicity</i>	<i>Amy Tesolin-Gee</i>
<i>Outreach/Kids and Chemistry (includes Earth Day)</i>	<i>Gina Malczewski</i>
<i>Long Range Planning Committee</i>	<i>Michelle Cummings</i>
<i>Historian</i>	<i>Wendell Dilling</i>
<i>Young Chemists Committee</i>	<i>John McKeen</i>
<i>MMTG (includes Fair Day)</i>	<i>Joan McMahon</i>
<i>Technology (new)</i>	<i>Satyajit Sarkar</i>
<i>Technical Interface</i>	<i>Tom Lane</i>
<i>Project SEED</i>	<i>Bernadette Harkness</i>
<i>Finance</i>	<i>Janet Smith</i>
<i>Turner Alfrey VPP</i>	<i>Steve Keinath</i>
<i>Midland Chemist (newsletter)</i>	<i>Steve Keinath Vickie Langer</i>
<i>Diversity and Multicultural Committee (formerly Minority Affairs)</i>	<i>Dominique Downing</i>
<i>Women Chemists Committee</i>	<i>Jaime Curtis-Fisk</i>
<i>Sci-Fest/NCW</i>	<i>Dave Stickles</i>
<i>Scholarship Committee</i>	<i>Paul Schroll Bob Howell</i>
<i>Teacher Support (formerly Science Literacy)</i>	<i>Gina Malczewski</i>
<i>Nominations and Elections</i>	<i>Kshitish Patankar</i>
<i>Membership (and Fair)</i>	<i>TBD</i>
<i>Fall Scientific Meeting</i>	<i>Roja Ergun Megan Thomas</i>
<i>Program</i>	<i>Michelle Rivard Gavin Lu</i>

Sci Pi Day Event

Gina Malczewski, Chair, Midland Section ACS

Amy Tesolin-Gee, Publicity Chair, Midland Section ACS

Saturday, March 14, 2015, at the Saginaw Valley State University Science Building

Rooms SE 123, 124, and 125

10:00 AM – 12:00 PM

This event is free, but space is limited, so please register ahead of time to: reginamalczewski@gmail.com. This event is designed and intended for students in Grades 5–8.

It happens only once in a century, so join us for **Sci Pi Day! 3/14/15** sponsored by the American Chemical Society Midland Section and the SVSU Chemistry Club. Come to Sci Pi Day at SVSU to celebrate a very special number, $\pi = 3.1415926535897932384626433832795\dots$ and the birthday of a very special person... Albert Einstein, winner of the 1921 Nobel Prize in Physics, known for his Theory of Relativity and the world-famous $E = mc^2$ equation!

Come explore this fun opportunity to engage in hands-on chemistry and math activities with SVSU chemistry students and ACS volunteers who are passionate about sharing their love of science with you! Plus, there will be demos to see and snacks to eat— π anyone?

Sponsored by the SVSU Chemistry Club and the
Midland Section of the American Chemical Society

It happens once a century,
so **JOIN US** for

FREE!



Sci Pi Day!

3/14/15

Come celebrate a very special number... and the
birthday of a very special person!

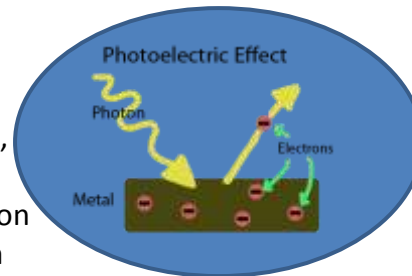
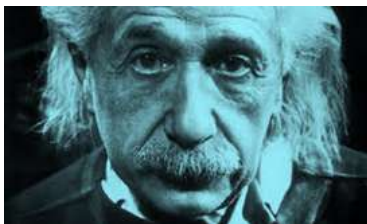
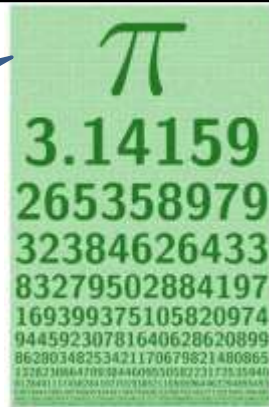
10 am -12 pm

SVSU Science Bldg,
Rooms SE 123, 124, 125

Hands-on Chemistry and Math
activities for students Grades 5-8,
Demos and snacks!

Limited space, so make a reservation
at reginamalczewski@gmail.com

(confirmation will be sent after March 3)



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!

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
lemhwh@gmail.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

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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.

- **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.

2015 Midland Section ACS Spring Awards Banquet and Final Call for Awards Nominations

Diana Deese, Awards Committee Chair, Midland Section ACS

It is not too late 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 12), 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 9). 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

2013	No Recipient
2014	Dr. David Baker

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

In Past Issues of *The Midland Chemist*

Wendell L. Dilling, Director and Historian, Midland Section ACS

50 Years Ago

In *The Professional Chemist, Our Local Professional Atmosphere*, by J. F. Mills, Chairman, P. R. and S. Committee: "Most of us would agree that the professional opportunities in Midland which rank highest are the Spring and Fall Scientific Meetings. Their high attendance supports our contention that these local meetings serve one of the basic professional needs of individuals to communicate knowledge and understanding. In addition to our local scientific meetings, we also have a responsibility to publish and present papers outside the Saginaw Valley. This is not only a duty to our profession but an opportunity to improve our local section's status."

40 Years Ago

In *Feature Article, Psychological Factors of Accidents*, by L. J. Bollinger, Ph.D., Psychology & Training Resources, 400 Building, The Dow Chemical Company: "Your ability to remain accident free on or off the job depends on how well you understand your own physical and psychological needs and how they relate to your behavior. There are certain forces which operate within which are counter to good safety behavior. You might take risks when it satisfies your ego or when you wish to escape boredom. There are times you like to show off and do it in a variety of unsafe ways. Sometimes you are preoccupied, mentally, with matters other than the task at hand and then will do an unsafe act. Sometimes pride may cause you to hide an unsafe act or condition. At other times overzealousness or excitement about your work leads to unsafe acts. In emergencies you may forsake your safety to aid another person in trouble. It is fascinating to observe these behaviors at all levels, but the dynamics of such behavior must be studied to determine why unsafe acts are committed."

30 Years Ago

In *1984 Section Activities Highlighted*, by Ed Benson: "A Safety Committee also was started in 1984. It has been establishing contacts with high school teachers and is actively working with the Continuing Studies Committee to organize a safety workshop during the Spring of 1985."

20 Years Ago

In *Guest Editorial, Professionalism* by J. E. Johnson*: More than any time in history the process of "self-renewal" looms as an ever-present need for all of us who have chosen chemistry for their life's work. Even a short lapse in diligence by a well trained professional will find him dangerously behind. Much stimulation and satisfaction can come from a common bond with others dedicated to the same purposes. The resulting standards of excellence, communication and publication are the most important results achieved by professionals; a fact easy to lose sight of when professionalism can subtly assume overtones of collective protectionism. The strength of the professional is largely a result of this strength as an individual. A professional society or association should always create an atmosphere and sense of dedication by which the individual can nurture his capability and rise to new levels of achievement and contribution.

*Originally published in *The Midland Chemist* in October, 1969. At time of writing, Dr. Johnson was vice-president and director of research and development at The Dow Chemical Company. He was chairman of the Midland Section in 1948-49."

10 Years Ago

In *Chemistry + Music → Compatible Mixture*, by Peggy Hill: "When Wendell Dilling suggested that I write an article for *The Midland Chemist* about the musical chemists in the region, I agreed, thinking that I would be writing about a couple of people. It's turned out to be more like a *couple of dozen!* Our call for musical chemists brought me in contact with more than twenty chemists and engineers with musical avocations, and I imagine that we've overlooked several others. (Our apologies to anyone we have missed.)"

Upcoming Dates, Events, and Other Updates

- March 14 (10:00 AM – 12:00 PM) – Sci Pi Day: 3/14/15! Sponsored by the American Chemical Society (ACS) Midland Section and the SVSU Chemistry Club. Saginaw Valley State University Science Building, Rooms SE 123, 124, and 125. Space is limited, so please register ahead of time to: reginamalczewski@gmail.com. This event is designed and intended for students in Grades 5–8.
- 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#.

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