

# THE MIDLAND CHEMIST

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## Chair Column

*Jaime Curtis-Fisk, Chair, Midland Section ACS*



I hope that everyone enjoyed wonderful and relaxing holidays with family and friends, and that 2016 is off to a great start! Many of us will head into the new year with resolutions, plans to take on new challenges, or maybe even considering trying something new and exciting. Just as we all make these plans in our personal lives, the Midland Section ACS is also in the process of planning for 2016 and beyond, continuing a process that began last fall to develop and implement a strategy for our local section. This began with a team of leaders and volunteers from our local section digging into what is working, what could be more effective, and how the unique skill set of our organization can best serve our members and the community. More information on their findings will be coming soon, but in the meantime there are many opportunities to get involved and be a part of leading and implementing new programs and initiatives. If you would like to be more involved in your local ACS section, we would love to hear from you!

Personally, I take on a new journey this year as I begin my term as the Chair of the Midland Section of the ACS. As I look to my goals for this year, I begin with the perspective that our local section has a mission to serve both our members and the community. As a technical society, our obligation is to educate and excite both the community and our members about the role of chemistry in our careers and everyday lives. Through this we have the opportunity to increase the relevance of our organization to both our current and prospective

members. We can achieve this through continuing technical programs, providing opportunities for professionals and our student members to network and learn more about the technology in development within our own community, and facilitating career development opportunities for all levels from student through professionals. I look forward to working with our program committee and our other committees such as WCC, YCC, and many others in developing exciting new opportunities for our members.

In parallel with optimizing programs targeted at our members, this year I will also work with our volunteers and local section leadership to evaluate the outreach program. We will seek to increase involvement by offering programs that satisfy a wide range of interests and utilize the broad expertise of our membership. Our strong outreach program already has a reputation for quality and impact. In addition to increasing participation, the next stage in our program should be to increase partnerships with other local organizations with a shared mission. This will increase the efficiency of our time and resources, and broaden the impact on our local community. This is an excellent opportunity for anyone who has an interest in volunteering or who would like to hone their leadership skills to take part in developing this new strategy and putting the plan into action.

In summary, there are many exciting things ahead for us in 2016 and many opportunities for our members to be involved! I would love to hear from anyone who has feedback, ideas, or is looking for how to get involved. I can be reached conveniently by e-mail ([jlcurtisfisk@dow.com](mailto:jlcurtisfisk@dow.com)) or by phone (989-638-7044). Thank you, and Happy New Year!

### **Call for Volunteers for Three Historic Midland Local Section Milestone Events in 2019** *Michelle Cummings, Director, Midland Section ACS*

The Midland Section of the ACS is seeking out individuals to start planning three different large and exciting events coming along in 2019. Our local section is embarking on **three historic milestones in 2019** – celebrating the **100<sup>th</sup> Anniversary of the Midland Section**, facilitating the **75<sup>th</sup> Anniversary of the Fall Scientific Meeting**, and hosting the **50<sup>th</sup> Anniversary of the Central Regional Meeting (CERM)**. These will be separate events with some level of coordination required between and among them. 2019 will be a momentous year that you will want to be a part of!

We are seeking individuals that would have some interest in one or more of the following general areas:

- Event Chair
- PR / Media
- Historical Writers
- National Historic Chemical Landmarks
- Fundraising / Grant Writing
- Meeting Logistics
- Awards / Recognition
- Finance / Treasurer
- Program
- Expositions
- Symposia

Why get involved? There is a vast range of benefits to helping organize large events such as these. This includes a great way and an opportunity to **collaborate and network** with other individuals in the local section and in the community at large. It allows you to demonstrate your **organizational leadership capabilities** outside of your immediate workplace. You will **develop or learn new skills** or **leverage existing skills**, and **boost your career options**.

We have a great group of people that want to work with you! So, plan to be a part of this exciting experience by contacting Michelle Cummings at [michelle.cummings@dowcorning.com](mailto:michelle.cummings@dowcorning.com).

## Midland Section ACS Seeks Volunteer for Publicity Chair

*Amy Tesolin-Gee, Publicity Chair, Midland Section ACS*

The Midland Section ACS is seeking a volunteer to take on the role of publicity chair in 2016. If you would enjoy putting your communication skills to good use while interacting with the public, fellow scientists, and



local media contacts, please consider volunteering for this opportunity. In doing so, you will help provide a critical service to the Midland Section by promoting our STEM outreach and technical programs to ACS members and to the general public.

In addition to the chair role, we are also seeking those individuals who may be interested in serving as part of a publicity team. If you're a photographer—amateur or advanced—or social media guru, these skills are also critical to the Section's publicity effort. Although it would be helpful, one does not need to be an ACS member to serve, and there is no specific term of commitment required.

So what is involved? At the most basic level, publicity entails partnering with event organizers to get the word out (generally by electronic means) to target audiences regarding local section activities. You will have access to contact lists comprising media outlets, public schools and more, as well as templates for helping create press releases. Depending on your time and interest—and the events calendar of the Section—this can average 1-2 hours per week. Training and other support will be provided.

Serving on the publicity team provides great opportunities to expand your network within the local scientific community. In addition to enhancing communication, leadership and organizational skills, students, retirees and others looking for professional volunteer experiences might especially appreciate the flexible nature of this role. It also provides excellent substance for a CV, résumé, or graduate school application, and can be a useful tool for professional development goals—not to mention the camaraderie and fulfillment attained by working with other service-minded people!



Your award-winning section cannot sustain its activities without you! For questions, more information, or to volunteer, please contact Amy Tesolin-Gee at [amtesolin-gee@dow.com](mailto:amtesolin-gee@dow.com) or 989-636-1903, or Gina Malczewski at [reginamalczewski@gmail.com](mailto:reginamalczewski@gmail.com) or 989-631-4038. Thank You!

## Upcoming Presentations / Discussions with Chemists Without Borders

*Ronda Grosse, CWOB Board member*

If you are interested in learning more about the humanitarian work of Chemists Without Borders, and contributing to the discussion, 2016 holds two great opportunities to do so. Chemists Without Borders volunteers will be at the Analytical Pittsburgh Conference in Atlanta presenting a poster on March 7. Please stop by if you are at PittCon 2016!

In addition, the American Chemical Society has asked us to lead a symposium at the Fall National ACS meeting in Philadelphia. In conjunction with the meeting theme *Chemistry of the People, by the People and for the*

*People*, this symposium will be titled “Mobilizing Chemistry Expertise to Solve Humanitarian Problems”. We will highlight efforts to apply chemistry to improve the lives of those across the globe. Presentation topics include clean water initiatives, expanding access to quality medicines, science education and advancements in inexpensive analytical methodologies that can be readily applied in developing countries.

Chemists from academia, industry and non-profit organizations are uniting to work toward solutions to long-standing humanitarian issues. We look forward to fruitful discussions regarding the far-reaching benefits of these efforts and to ideas toward addressing the technical and logistical challenges. Please join us! For more information, please contact Ronda Grosse at [rondagrosse@chemistswithoutborders.org](mailto:rondagrosse@chemistswithoutborders.org).

### **Increase Your Network Potential Energy Event a Huge Success**

***Dale LeCaptain, Councilor, Midland Section ACS***

The Mountain Town Brewing Company in Mount Pleasant was the setting for dinner, networking, and a little trivia fun on November 13, 2015! The event, the first ever (and hopefully annual) Midland Section ACS speed networking event, was a huge success! Final stats: 27 ACS members, 16 Mentees, and 23 Mentors. SVSU, CMU, and Delta College were all represented by students. Dow Chemical, Dow Corning, and Prism Analytical all had professionals sharing their time and life experience. It was fast paced and fun!



A special thank you to Elizabeth Bowers, Heather Masters, Katie Martin, Nate Provo (all from CMU) and to Stephanie Moglia for emceeding the event! Also, thanks for the financial support from Dow Chemical (by way of the ACS WCC group). And, a great big thank you to everyone that participated in making everyone’s network potential energy that much greater!

Notes from the organizing team: Phenomenal turn-out from the professional members of the Midland Section of the ACS! There were a lot of new faces from long-time ACS members that are not frequently active in local section activities. Also, the students involved are repeatedly talking about things they learned and about things that surprised them about “real” jobs.



## **Announcing the 2016 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 and nominate that outstanding person and have them recognized at the American Chemical Society-Midland Section Spring Awards Banquet at the Great Hall and Convention Center in Midland on Wednesday, April 27, 2016. 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 1 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 frequent "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 as the last page of the call for nominations along with a web address where you can find out more information. Now is the time to begin nominations for National ACS awards for 2016-2017 as most annual reviews 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. Nominees must not have received the same award that they are being nominated for within the past 10 years. Nominations not meeting the minimum requirements, and submissions received after the April 1, 2016 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](mailto:dkdeese@dow.com)).

**Call for Nominations: 2016 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 2016 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
- Promotion of Diversity in Chemistry, Related Sciences, and Engineering
- 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.

***Promotion of Diversity in Chemistry, Related Sciences, and Engineering***

This award recognizes a person or group residing in Midland, Bay, Saginaw, Isabella or Gratiot County for outstanding achievement in enhancing the participation of under-represented groups in the study of chemistry, related sciences, and engineering. The nomination must come from a Midland Section ACS member. The criteria for this award include teaching, mentoring, serving as a role model, and active and sustained participation in organizations that support diversity which have had a demonstrable impact on the promotion of diversity in chemistry, related sciences, and engineering. The nominee must be approved by the Executive Committee. 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 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. Chemical technicians do not need to be an ACS member 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 Friday, April 1, 2016. Nominations not meeting the minimum requirements, and submissions received after the April 1 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 High School / College 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. 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 2016 ACS Spring Recognition Dinner at the Great Hall and Convention Center, in Midland, on Wednesday, April 27, 2016.

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, Midland Section ACS Awards Committee  
Phone: (989) 636-9915, E-mail: [awards@midlandacs.org](mailto:awards@midlandacs.org) or [dkdeese@dow.com](mailto:dkdeese@dow.com)



**American Chemical Society – Midland Section**

**Nomination Form for 2016 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 1, 2016**:

Diana K. Deese  
ACS Awards Committee Chair, Midland Section  
Phone: (989) 636-9915  
E-mail: [dkdeese@dow.com](mailto: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  
2015 Molly Kelsey

### 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 Jayme Swanson  
2013 John Barnes  
2014 No Recipient  
2015 Mark Hackbarth

### 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  
2015 Jeff Yoder

### 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 E. 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 David Baker  
2015 Estelle Lebeau

### Science Education Volunteer

1992 Gregg Young  
1993 Peter Bonk  
1994 Peter Moehs  
1995 Gretchen Kohl

1999 William Albe  
2000 Karol Childs  
2001 Donald Petersen  
2002 Joan McMahan

2007 Teri Bickmore  
Cal Goeders  
2008 Tim Drier  
2009 Dave Stickle

1996	John Blizzard Richard Van Effen	2003	John Blizzard	2010	Lisa Thackery
1997	Marvin Tegen	2004	Jan Zanyk	2011	Charles & Barbara Roth
1998	Carlton Beyer	2005	Eldon Graham	2012	Estelle Lebeau
		2006	Tom Chamberlin	2013	No Recipient
				2014	Charles Nielsen
				2015	Gina Malczewski

#### **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 Stickles	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	2015	Brian Scherzer
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	2015	Dr. James Tonge
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	2015	Amy Tesolin-Gee
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		

## ACS National Awards for 2016–2017 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 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 Surface Chemistry](#)

[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, Ray Rigterink, Art Sexton  
2000 L.C. Rubens  
2015 David Devore, David Neithamer, Peter Nickias, Jasson Patton, James Stevens, David Wilson

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/nominations.html>

#### **National ACS Fellows from the Midland Section**

2010 Wendell L. Dilling, Michael J. Owen  
2011 Bob A. Howell, Thomas H. Lane, Connie J. Murphy  
2013 Patrick B. Smith  
2014 Janet M. Smith  
2015 Gretchen S. Kohl

## A New ACS Organic Discussion Group?

*Wendell L. Dilling, Director and Historian*

The purpose of this note is to determine if any Midland Section ACS members are interested in forming an organic discussion group.

The Midland Section ACS area has had several topical seminar-discussion groups over the past 60 years. One of the most successful in terms of longevity was the Midland Organic Discussion Group (ODG), which met for 43 years, from 1957 to 1999. The participants were organic chemists at Dow and Dow Corning. A later group of Dow chemists had an Organic Seminar Group (OSG) that lasted until at least 2008. Central Michigan University also had an Organic Discussion Group (CODG) in the Department of Chemistry, from 1999 to 2014.

These groups met on a monthly basis or several times per year, with members presenting the seminars. As a participant in all of these groups, I found the seminars and discussions were an excellent way to help keep up on developments in the ever-advancing field of organic chemistry. I encourage any organic chemist, ACS member or not, who is interested in participating in an organic chemistry seminar-discussion group and would like more information to contact me at [w.dilling@att.net](mailto:w.dilling@att.net) or [dilli1wl@cmich.edu](mailto:dilli1wl@cmich.edu) or 989-631-1621 (home) or 989-774-3268 (work).

## Upcoming Events Sponsored by the Mid-Michigan Section of AIChE

*Defne Kayrak-Talay, Program Chair, 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 [Mid-Michigan AIChE](#) website 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 or will be updated periodically in upcoming issues of the [MMAIChE Newsletter](#). You may also contact Bruce Holden (Secretary, Mid-Michigan AIChE) at [bsholden@dow.com](mailto:bsholden@dow.com) or 989-636-5225 for more information.

- **Rich Helling**, Director of Sustainable Chemistry, The Dow Chemical Company (recipient of 2015 Chemical Engineer of the Year award)  
*Food: Footprints and Handprints*  
Wednesday, January 20, 2016, 6:00 PM dinner (optional), 7:00 PM presentation
- **Adam Peterson**, Project Leader, Dow Corning Corporation  
*The Pervasive and Surprising Uses of Silicones*  
Tuesday, February 23, 2016, 6:00 PM dinner (optional), 7:00 PM presentation



- **John Bissell**, Co-founder, Micromidas, Inc.  
*Evolution of a Start-up*  
March TBD, 2016, 6:00 PM dinner (optional), 7:00 PM presentation
- **Jeff Zawisza**, Fellow, The Dow Chemical Company  
*Advanced Manufacturing*  
April TBD, 2016, 6:00 PM dinner (optional), 7:00 PM presentation

**Midland Chemist Co-Editors Present Poster at Recent Fall Scientific Meeting**  
**Steve Keinath and Vickie Langer, Co-Editors, The Midland Chemist**

Some months ago, 2015 Midland Section ACS Chair Gina Malczewski challenged her team of committee chairs and leaders of other functional entities within the local section governance to consider putting a poster together for the 2015 Fall Scientific Meeting. The idea was to showcase the range and depth of the various activities within the local section. We took this challenge to heart and did just that.

For the benefit of the local section *Midland Chemist* readership who were unable to visit us at the Fall Scientific Meeting, we are appending the abstract of our poster below. You may also request a copy of the PowerPoint file of the poster slides by sending an e-mail to [newseditor@midlandacs.org](mailto:newseditor@midlandacs.org).

***The Midland Chemist*, a Publication of the Midland Section of the American Chemical Society**

*The Midland Chemist* is published twelve times a year by the Midland Section of the American Chemical Society, which serves the five Michigan counties of Midland, Bay, Saginaw, Gratiot, and Isabella. Members of the Midland local section include students, educators, and researchers from academia and industry, including local high schools, Delta College, Alma College, SVSU, CMU, Dow Corning, Dow Chemical, and more. *The Midland Chemist* has been published continuously since 1964. Now in its 52<sup>nd</sup> year of issue, it still serves as a primary means of communication with Midland Section members. In recent years, its distribution has been extended to interested non-members as well, including the membership of the Mid-Michigan Technician Group, an affiliate organization, and others.

The objective of *The Midland Chemist* is to inform its readership of local meetings and seminars, awards and recognition received by the local section or by individuals or sub-groups within the local section, the annual election of Midland Section officers and directors, the work of local section committees, Councilors' activities and reports, and other items concerning chemists and the chemical profession, including science education and science-related community activities. The publication also acts as a sounding board for members' opinions about matters concerning the National ACS, the Midland local section, and other scientific affairs in general.

In addition, *The Midland Chemist* also serves as a historical, archival resource, documenting the governance and activities of the Midland Section of the American Chemical Society over time. A complete electronic archive of *The Midland Chemist* going back to the year 2000 is available online at <http://midlandacs.org/index.php?page=newsletter>. In addition, a complete set of earlier, hardcopy-only issues of *The Midland Chemist* going all of the way back to 1964 may be accessed as a part of the Midland

Section's much larger historical archives collection housed within the Clarke Historical Library on the campus of Central Michigan University.

*The Midland Chemist* local section newsletter is primarily available online to its readership today with publication notification by e-mail. Subscriptions are free and the total distribution at present is approximately 750.



2015 *Midland Chemist* Co-Editors Vickie Langer (left) and Steve Keinath (right).  
Photo courtesy of Gavan Lienhart.

### Upcoming Dates, Events, and Other Updates

- January 20 (6:00 – 8:00 PM) – MMAICChE sponsored lecture, *Food: Footprints and Handprints*, presented by Rich Helling, Director of Sustainable Chemistry, The Dow Chemical Company (recipient of 2015 Chemical Engineer of the Year award). Location and time: Grand Traverse Pie Company, 2600 North Saginaw Road, Midland, 6:00 PM dinner (optional), 7:00 PM presentation. More information, including presentation abstract and short bio sketch of the presenter, is available or will be updated periodically in upcoming issues of the [MMAICChE Newsletter](#). You may also contact Bruce Holden (Secretary, Mid-Michigan AIChE) at [bsholden@dow.com](mailto:bsholden@dow.com).
- February 1 (7:00 – 9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at [Midland Section WebEx Board Meeting](#), phone number: 866-299-7945, participant code: 9837036#.
- February 23 (6:00 – 8:00 PM) – MMAICChE sponsored lecture, *The Pervasive and Surprising Uses of Silicones*, presented by Adam Peterson, Project Leader, Dow Corning Corporation. Location and time: Grand Traverse Pie Company, 2600 North Saginaw Road, Midland, 6:00 PM dinner (optional), 7:00 PM presentation. More information, including presentation abstract and short bio sketch of the presenter, is available or will be updated periodically in upcoming issues of the [MMAICChE Newsletter](#). You may also contact Bruce Holden (Secretary, Mid-Michigan AIChE) at [bsholden@dow.com](mailto:bsholden@dow.com).

- March TBD (6:00 – 8:00 PM) – MMAIChE sponsored lecture, *Evolution of a Start-up*, presented by John Bissell, Co-founder, Micromidas, Inc. Location and time: Grand Traverse Pie Company, 2600 North Saginaw Road, Midland, 6:00 PM dinner (optional), 7:00 PM presentation. More information, including presentation abstract and short bio sketch of the presenter, is available or will be updated periodically in upcoming issues of the [MMAIChE Newsletter](#). You may also contact Bruce Holden (Secretary, Mid-Michigan AIChE) at [bsholden@dow.com](mailto:bsholden@dow.com).
- March 7 (7:00 – 9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at [Midland Section WebEx Board Meeting](#), phone number: 866-299-7945, participant code: 9837036#.
- March 13–17, 251<sup>st</sup> ACS National Meeting & Exposition, San Diego, CA. For more information, see <http://www.acs.org/content/acs/en/meetings/spring-2016.html>.
- April TBD (6:00 – 8:00 PM) – MMAIChE sponsored lecture, *Advanced Manufacturing*, presented by Jeff Zawisza, Fellow, The Dow Chemical Company. Location and time: Grand Traverse Pie Company, 2600 North Saginaw Road, Midland, 6:00 PM dinner (optional), 7:00 PM presentation. More information, including presentation abstract and short bio sketch of the presenter, is available or will be updated periodically in upcoming issues of the [MMAIChE Newsletter](#). You may also contact Bruce Holden (Secretary, Mid-Michigan AIChE) at [bsholden@dow.com](mailto:bsholden@dow.com).
- April 1 – 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](mailto:dkdeese@dow.com) or 989-636-9915.
- April 4 (7:00 – 9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at [Midland Section WebEx Board Meeting](#), phone number: 866-299-7945, participant code: 9837036#.
- April 12, 2016 (save the date) – Evening dinner meeting with Jacqueline K. Barton, 2015 National ACS Priestley Medal recipient; Chair, Division of Chemistry & Chemical Engineering and Arthur & Marian Hanisch Memorial Professor, California Institute of Technology; and Board member of The Dow Chemical Company. For more information, contact Michelle Cummings at [michelle.cummings@dowcorning.com](mailto:michelle.cummings@dowcorning.com).
- April 27 (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](mailto:dkdeese@dow.com) or 989-636-9915.
- May 2 (7:00 – 9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at [Midland Section WebEx Board Meeting](#), phone number: 866-299-7945, participant code: 9837036#.
- May 18–21 – 47<sup>th</sup> ACS Central Regional Meeting, Covington, KY. For more information, see <http://www.acscerm2016.org/main/>.
- June 6 (7:00 – 9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via a WebEx conference call connection at [Midland Section WebEx Board Meeting](#), phone number: 866-299-7945, participant code: 9837036#.
- August 21–25 – 252<sup>nd</sup> ACS National Meeting & Exposition, Philadelphia, PA. For more information, see <http://www.acs.org/content/acs/en/meetings/nationalmeetings/meetings.html>.

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