

THE MIDLAND CHEMIST

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March 7th ACS Board Meeting Moved to Grand Traverse Pie Company

Jaime Curtis-Fisk, Chair, Midland Section ACS

The ACS Board meeting scheduled for March 7 will be held at the Grand Traverse Pie Company, 2600 North Saginaw Road, in Midland, beginning at 6:30 PM. If you would like to order food, please arrive at 6:00 PM so that everyone may be seated and ready for the meeting to begin at 6:30 PM. This meeting will replace the regularly scheduled board meeting that would normally take place at the Midland Center for the Arts.

Evening Dinner Meeting with Jacqueline K. Barton - "Save the Date" Announcement

Vickie Langer, Co-Editor, The Midland Chemist

The ACS Midland Section and the Women Chemists Committee will be hosting a dinner meeting featuring 2015 National ACS Priestley Medalist Jacqueline K. Barton on April 12, 2016. Watch for additional information about this exciting event in the March issue of *The Midland Chemist*!

Suitcases of Science: Bringing Chemistry to Rural Guatemala

Gina Malczewski, Past Chair, Midland Section ACS



On January 1, a team of three people from Midland left home to teach science in Guatemala, in the town of Santa Avelina, about 8 hr by car from Guatemala City, the capital. This trip culminated six months of effort for a team that included me (the teacher), along with Cheryl Weeks-Rosten, a retired Midland educator who supervises in-service experiences at the William H. Botnan Experimental School (supported by HELPS International), and Marlene Saotome, who is a native Spanish speaker. We used an ACS grant of \$1000 and a portion of about \$750 of additional donations from local churches and individuals to develop materials

and purchase supplies. We financed our own travel. Armed with 27 experiments translated into Spanish, and seven large suitcases stuffed with items from beakers to thermometers, pipettes, balloons and coffee filters, and assisted by two young interpreters arranged by HELPS, I taught for 3.5 days at the Botnan school, where we also ate and slept. We reached 22 teachers of pre-K to adult curriculum (6th grade is the maximum level taught in local public schools). Educators who had never seen a thermometer or a stopwatch were measuring and graphing temperature with time. They used digital balances to weigh reactants, and syringes with marshmallows to see the impact of pressure on volume. Mixtures, electromagnetic radiation, the water cycle and energy were all among the subjects addressed, and a digital weather station with data collection, prediction and storage capabilities was mounted and left in the care of the technology teacher. All the educators plan to incorporate the activities into their classrooms. We hope to return to the school and/or work with teachers in the capital to sustain the education effort. For me, it was exhausting and exhilarating—I am ready to go again.



L-R: Jairo and Claudia (interpreters), Cheryl, Marlene, Nahum (HELPS), Gina, Gary (volunteer from OR)

Photographs courtesy of Gina Malczewski

Chili Dinner and Game Night Fundraiser, February 19

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



Midland Local Section

Euchre'
tournament

Prizes
Board games

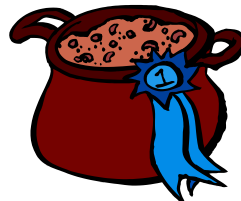
Karaoke
sing-off

Chili Dinner & Game Night

Chili, veggie soup, corn bread, desserts
and the fixin's!

Friday February 19th

6 PM – 10:30 PM



Creative 360 Stage, Studios & Gallery

1517 Bayliss St., Midland

\$5 Cover Charge

Dinner, tourney, and/or games

BYOB (cans/bottles only in reasonable quantities)

RSVP to one of the following by Wednesday, February 17th:

Tamlin TDMatthews@dow.com

Morgan mksnider@svsu.edu

Jess callu1ja@cmich.edu

Kayla kayla.mikek@dowcorning.com

Hosted by the ACS local section student members to help raise funds
for their trip to the 2016 Spring National meeting in San Diego

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 and the Spring Awards Banquet RSVP form in the March issue of *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: 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. 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 or 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

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 Vosejka
1995 George Eastland
1996 Martin Spartz
1997 Philip Squatrito
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 Squatrito		
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

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 or 989-636-5225 for more information.

- **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

In Past Issues of *The Midland Chemist*

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

50 Years Ago, *The Midland Chemist* **1966**, 2, No. 9 (March), 3.

In *Editorial Fragments, Editor's Dilemma* by J. E. Dunbar, Editor, *The Midland Chemist*: "The editor's dilemma is universal. Whether his product is a country weekly, a scientific journal or a local section publication, he is confronted at each deadline with one of two problems: not enough copy or too much copy. Last month we had an unexpected bumper crop of copy with only enough advertising to pay for the usual twelve page issue. This month the situation has reversed. Our friend and colleague, Dr. C. B. Roberts, business manager, has found that his many hours of letter-writing have paid off: nearly eight pages of advertising copy have forced a sixteen page issue. This has left more columns open for editorial copy - a situation for which we were not prepared. We are, therefore, now looking for volunteers from the local section to fill positions on the *Midland Chemist* as feature editor, advertising solicitor, historian and news editor. Those of you who enjoy literary work are invited to apply. Call or write a note to the editor."

40 Years Ago, *The Midland Chemist* 1976, 13, No. 3, 10.

In *ACS Midland Section Award* by James K. Pierce: "At the February meeting of the ACS Midland Section Board, the 1976 awards program was endorsed. A part of this program includes the establishment of an annual ACS Midland Section Award.

The award is to be presented to an individual in the Midland Section geographic area to recognize "outstanding achievement and promotion of the chemical sciences." Nominations for the award must come from ACS members, but nominees need not be members. The award consists of a plaque which will be presented at the Fall Scientific Meeting."

30 Years Ago, *The Midland Chemist* 1986, 23, No. 2, 2.

In *Letter to the Editor* by George L. Gilbert, Professor of Chemistry, Denison University: "Dear Editor, The introduction of chemistry sets such as those by A.C. Gilbert (the Gilbert Chemistry Set) has impacted on the career choices of many chemists and chemical engineers according to numerous anecdotal reports. I am seeking to determine the nature and types of experiences of a large number of such individuals in order to develop a balanced report to deliver to a Symposium entitled "Chemistry in informal Settings" to be included in the upcoming American Chemical Society National Meeting to be held at Anaheim, California. Publication in an appropriate journal will also be considered.

I am writing to solicit input in the form of letters, news articles, or other sources which attest to the ways the introduction of these sets of chemicals and accompanying directions impacted on any users career choices."

20 Years Ago, *The Midland Chemist* 1996, 33, No. 2, 10.

In *1996 Fall Scientific Meeting Scheduled*: "It is time to begin to think about the Fall Scientific Meeting. This year, the meeting is planned for Saturday, October 26th at Delta College. The theme for the meeting is "Chemistry's Image in Society". The emphasis is on the need for better communication with the general public to improve understanding of chemistry's benefits to society.

In keeping with that theme, we have been fortunate to get Dr. Ronald C. Breslow, current president of the American Chemical Society and S.L. Mitchill Professor of Chemistry at Columbia University to agree to be the keynote speaker.

We think Dr. Breslow is uniquely suited to present this years keynote address. In his recent presidential message in *Chemical & Engineering News* (Jan. 1, 1996), he eloquently discussed the image of chemistry and his views on public outreach, communication, education and government relations."

10 Years Ago, *The Midland Chemist* 2006, 43, No. 1, 8.

In *Scholarship Fund Drive Contributors Acknowledged* by Lin Dorman: "The Midland Section of the ACS is proud to present the contributors to the Inaugural Fund Drive, which was initiated in October 2003 to create an endowed scholarship fund. This endowment was started with the Midland Area Community Foundation at the threshold level of \$5,000, with the ultimate fund goal of \$100,000, which would provide up to five annual scholarships of \$1,000 or more. These scholarships are intended for students seeking academic degrees in the chemical sciences at colleges and universities in the Midland Section area."

Upcoming Dates, Events, and Other Updates

- 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 19 (6:00 – 10:30 PM) – Chili Dinner and Game Night Fundraiser hosted by the ACS local section student members. Location: Creative 360, 1517 Bayliss Street, Midland. RSVP by February 17. See page 3 for additional details and RSVP contact information.
- February 23 (6:00 – 8:00 PM) – MMAIChE 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 [MMAIChE Newsletter](#). You may also contact Bruce Holden (Secretary, Mid-Michigan AIChE) at 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.
- March 3 (8:00 AM – 12:00 PM) – A SciTech Next Generation teacher workshop will be held in Lansing (Radisson Hotel), in conjunction with the Michigan Science Teacher Association. For more information, contact Gina Malczewski at reginamalczewski@gmail.com.
- March 6–10 – Kids and Chemistry/Teacher Support will be participating in Pittcon Science Week in Atlanta with student and teacher workshops. For more information, contact Gina Malczewski at reginamalczewski@gmail.com.
- March 7 (6:00 PM – 9:00 PM) – ACS Board meeting, Grand Traverse Pie Company, 2600 North Saginaw Road, in Midland, 6:00 PM purchase dinner (optional), 6:30 PM meeting begins. This meeting replaces the regularly scheduled board meeting that would normally take place at the Midland Center for the Arts.
- March 13–17, 251st 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.
- 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 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 Jaime Curtis-Fisk at jlcurtisfisk@dow.com.
- April 16 (10:00 AM – 2:00 PM) – Earth Day Expo at Midland Center for the Arts. Demonstrations and hands-on activities for all ages. FREE admission. For more information, see <http://www.mcfta.org/>.

- 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 or 989-636-9915. Watch for the Spring Awards Banquet RSVP form in the March issue of *The Midland Chemist*.
- 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 – 47th 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 – 252nd 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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