

# THE MIDLAND CHEMIST

A publication of the Midland Section of the American Chemical Society

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## Chair Column

*Michelle Cummings, Chair, Midland Section ACS*



In early March we had our first committee update dinner meeting at Apple Mountain in Freeland. It was a good change of pace and enjoyable! We were able to get photos of most of the board members as well as committee chairs that were present. These will be used on the website as well as in future posters and communications. Thank you to all of the committees that presented! I feel that this was a great way to get an understanding of the activities this section is involved in, which seems to be continually growing. Our next dinner meeting will include recognition of past *Midland Chemist* Editors, as this year marks the 50<sup>th</sup> anniversary of *The Midland Chemist*.

During the meeting, the Kids and Chemistry Committee presented an update on all their community outreach activities, over 10 since January. These range from classroom settings, "Observation and Measurement" at Plymouth Elementary to larger demonstrations such as "Education Day" with the Saginaw Spirit Hockey team. The Midland Section ACS has a vast library with supplies for education and demonstrations and we would love to talk with anyone interested in participating. Please feel free to contact our committee chairs or myself, listed on the Midland Section website ([www.midlandacs.org](http://www.midlandacs.org)) under the About Us pull-down tab.

The Awards Committee also presented an update. The 2014 Awards Banquet will be held on April 22, 2014 at the Great Hall in Midland. Nominations are still being accepted, so please consider a person to nominate or self-nomination. Two Midland Section Members will be recognized for National ACS awards at the banquet, Diana Deese and Gina Malczewski. Congratulations to you both!

The Women Chemists Committee is holding a Spring Kickoff meeting on April 24 at the Whiting Forest in Midland, hosting Maureen Rouhi, Editor-in-Chief of *Chemical and Engineering News*. This will be a great event

to join to learn more about attracting, developing, promoting, and advocating for women in the chemical sciences in order to positively impact society and the profession. Everyone is welcome to attend. More details about this event are available on pages 11 and 12 of this issue.

Lastly, many of our Midland Section members have traveled to Dallas, TX for the National ACS meeting. Attending a National meeting is a great way to learn how our local section is connected to other local sections, divisions, regions, as well as national. It is also a great opportunity for growing and enrichment of skills through training classes and seminars, as well as networking. I can't wait to hear about all the exciting happenings.

We are off to a great start for 2014! Stay tuned for the numerous events and opportunities ahead to get personally involved in your local Midland Section ACS.

### **Call for 2014 ACS Fellow Nominations**

***Matt Grandbois, Chair-Elect***

Since 2008, the American Chemical Society has honored its members for their outstanding achievements and contributions to science, their profession, and the Society by bestowing the honor of ACS Fellow to a select group of individuals worthy of this title ([2014 ACS Fellow Program Guidelines](#)). This honor is different from other "Fellow" designations due to the specific criteria that ACS Fellows must have made exceptional contributions to their scientific field/profession **and** have made extraordinary volunteer services to the ACS community throughout their careers.

Six members of the Midland Local Section have been selected to this fellowship since its inception in 2008. Wendell Dilling (Dow Chemical Retiree and Central Michigan University Professor) and Michael Owen (Dow Corning Retiree and Michigan Molecular Institute Consultant) were selected in 2010 based on their numerous technical and service contributions. Wendell's contributions to the field of organic chemistry and years of service to the Midland Local Section made him an ideal candidate, whereas Michael's outstanding contribution to the field of silicone surface chemistry while providing years of service to the Midland Local Section and chairing numerous national symposia on surface chemistry helped to support his selection as an ACS Fellow.

Three additional Midland Local Section members were selected as ACS Fellows in 2011. Connie Murphy (Dow Chemical Retiree) is still highly active within the Midland Local Section and made significant contributions to the field as a leader within the chemical industry. Bob Howell (Central Michigan University Professor) has also provided years of service to the Midland Local Section in numerous roles, including his current position as Councilor, and is a renowned educator and polymer scientist. Thomas Lane (Dow Corning Retiree and Delta College Professor) was the 2009 National ACS President, past Director of Global Science and Technology Outreach at Dow Corning, and has made numerous contributions to the fields of interfacial science, scientific computing, and the biotechnology of silicon.

Most recently, Patrick Smith's (Michigan Molecular Institute) contribution to the field of biobased chemistry in the commercialization of poly(lactic acid), poly(hydroxyalkanoates), terephthalic acid, and propylene glycol, and for the characterization of polymers by NMR spectroscopy coupled with his years of service to the Midland Local Section, including holding Chair and Director positions, as well as chairing numerous national symposia on biobased chemistry and polymer characterization led to his induction into the 2013 class of ACS Fellows.

The nomination process for selection to the 2014 class of ACS Fellows is currently open and the Midland Section ACS is allowed to nominate two individuals from our section for this honor if they are currently members in good standing with the Society. Individuals that would like to self-nominate themselves or nominate one of their peers or colleagues for this honor are encouraged to contact 2014 Midland Section ACS Chair Michelle Cummings ([michelle.cummings@dowcorning.com](mailto:michelle.cummings@dowcorning.com)) with the following information:

- Name
- Educational History
- Professional History (200 words or less for each position)
- Professional Organization Affiliations
- Volunteer Service to the ACS Community (up to 6 examples, 200 words or less for each)
- Contributions to the Science/Profession (up to 6 examples, 200 words or less for each)
- Honors and Awards (up to 6 examples)
- Contact Information for Letters of Recommendation (up to 3 contacts)

### **2014 Awards Banquet Set for April 22 at Great Hall Banquet & Convention Center**

*Lauren Huffman, Awards Committee Chair*

Mark your calendars! The Midland Section ACS Awards Banquet will be held on Tuesday, April 22, 2014, beginning at 6:00 PM at the Great Hall Banquet & Convention Center in Midland. Tickets for the dinner will be \$15.00. Please come out and help to celebrate our local high school, university, and community awardees. If you are interested in attending, please e-mail [awards@acs.org](mailto:awards@acs.org) or call 989-636-7371.

### **Final Call for 2014 Midland Section ACS Awards Nominations, Deadline March 29**

*Lauren Huffman, Awards Committee Chair*

It is that time of year again when we have the opportunity to recognize outstanding educators, volunteers and colleagues. I am asking that you take the time to nominate that outstanding person to be recognized at the American Chemical Society–Midland Section Awards Banquet to be held on Tuesday, April 22 at the Great Hall Banquet & Convention Center in Midland. This promises to be an exciting event. The awards banquet is a great way to connect with others in the industry, those who have gone before us, those who teach the next generation, and those who will be following in our footsteps.

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

When you realize how exciting it is to nominate someone at the local level and you want to do more, I invite you to peruse the veritable cornucopia of awards the American Chemical Society offers at the national level. I

have included them with this call for nominations (see pages 8 and 9), along with a web address where you can find out more information.

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

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

Contact me, Lauren Huffman (lmhuffman@dow.com), if you have any questions.

#### **CALL FOR NOMINATIONS – 2014 SCIENCE TEACHING, VOLUNTEER, EDUCATION, AND CHEMICAL SCIENCES AWARDS**

Each year, the Midland Section of the American Chemical Society presents awards to recognize outstanding achievement in the chemical sciences. Nominations for the 2014 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 Achievement in the Promotion of Diversity in Chemistry, Related Sciences and Engineering
- 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 Achievement in the Promotion of Diversity in Chemistry, Related Sciences & Engineering***

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

### ***Outstanding Chemical Technician***

The Section presents an annual Outstanding Chemical Technician Award to an individual who has demonstrated an extremely high degree of professionalism as a chemical technician. Nominees must have worked for five years as a chemical technician or in a related field and whose primary job includes conducting experimentation or correlating information to help solve chemical problems or discover new chemical knowledge. Nominees must have successfully completed a two-year post-high school level chemistry curriculum leading to an associate degree, the equivalent course in a baccalaureate program, or equivalent experience. Chemical technicians do not need to be an ACS member to be eligible for this award. Nominations 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 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 patents list where applicable. Additional letters of support can come from students, parents, community members, and/or administrators. Nominations not meeting the minimum requirements, and submissions received after the March 29 deadline, will not be considered.

The deadline for nominations is March 29, 2014. 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 the respective departments and their names forwarded to the

Awards Committee using the form attached to this call for nominations (see page 10). One selection per school and no supporting letters needed.

Award recipients, as well as Chemistry Olympiad winners and Fifty/Sixty Year ACS Members, will be honored at the 2014 ACS Recognition Dinner featuring an ACS speaker on April 22.

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

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

Lauren M. Huffman  
ACS Awards Committee Chair, Midland Section  
The Dow Chemical Company  
Michigan Operations  
Building 1710, Lab 40  
Midland, MI 48642  
Phone: (989) 636-7371; Fax: (989) 638-6619  
E-mail: [lmhuffman@dow.com](mailto:lmhuffman@dow.com) or [awards@midlandacs.org](mailto:awards@midlandacs.org)

## Previous Recipients of Midland Section ACS Awards

### Elementary Level Science Education

1992 Karen Ziemelis  
1993 Lela Wade  
1994 Constance A. Dullock  
1995 Joan Klopccic  
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

### 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

### 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



**College Chemistry Teaching**

1989	Joan Sabourin	2001	Sandra Smith	2013	No Recipient
1990	Bob Howell	2002	Margaret Hill		
1991	Robert Kohrman	2003	Dale Meier		
1992	Scott Hill	2004	Katherine Blystone		
1993	Ajit Sharma	2005	Ronald Sharp		
1994	Laura Vosejka	2006	Arthur G. Smith		
1995	George Eastland	2007	Cynthia N. Peck		
1996	Martin Spartz	2008	No Recipient		
1997	Philip Squatrito	2009	No Recipient		
1998	Thomas Delia	2010	Anton Jenson		
1999	Steven E. Keinath	2011	No Recipient		
2000	James Hutchison	2012	David S. Karpovich		

**Science Education Volunteer**

1992	Gregg Young	1999	William Albe	2007	Teri Bickmore
1993	Peter Bonk	2000	Karol Childs		Cal Goeders
1994	Peter Moehs	2001	Donald Petersen	2008	Tim Drier
1995	Gretchen Kohl	2002	Joan McMahon	2009	Dave Stickle
1996	John Blizzard	2003	John Blizzard	2010	Lisa Thackery
	Richard Van Effen	2004	Jan Zanyk	2011	Charles & Barbara Roth
1997	Marvin Tegen	2005	Eldon Graham	2012	Estelle Lebeau
1998	Carlton Beyer	2006	Tom Chamberlin	2013	No Recipient

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

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

**Outstanding Chemical Technician**

1997	Connie J. Murphy	2004	Sherry Allen	2011	Amy Tesolin-Gee
1998	David Stickle	2005	Bill Rievert	2012	Amber Wallace
1999	Ronald L. Good	2006	Margo McIvor	2013	Chadwick Roland
2000	Kurt A. Bell	2007	Debbie Bailey		
2001	Gordon R. Roof	2008	Sue Perz		
2002	Cynthia J. Gould	2009	Diana Deese		
2003	Robert Krystosek	2010	No Recipient		

**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. Etyl H. Blair	1991	Dr. Thomas H. Lane	2005	Dr. Michael J. Owen
1978	Dr. David C. Young	1992	Dr. Donald A. Tomalia	2006	Dr. Robert E. Kohrman
1979	Dr. Vernon A. Stenger	1993	Dr. Dale J. Meier	2007	Dr. Petar R. Dvornic
1980	Dr. Daniel R. Stull	1994	Dr. Philip T. Delassus	2008	Dr. Jack Kruper
1981	Dr. Bob A. Howell	1995	Dr. Duane B. Priddy	2009	No Recipient
1982	Dr. Wendell L. Dilling	1996	Dr. Hans G. Elias	2010	No Recipient-Spring Awards
1983	Dr. Donald R. Weyenberg	1997	Dr. Ludo K. Frevel	2011	Dr. James Falender
1984	Dr. Edwin P. Plueddemann	1998	Dr. Patrick B. Smith	2012	Dr. Linneaus Dorman
1985	Dr. Raymond P. Boyer	1999	Dr. David E. Henton	2013	No Recipient
1986	Stanley P. Klesney	2000	Dr. Steven J. Martin		
1987	Dr. Warren B. Crummett	2001	Dr. Edwin C. Steiner		
1988	Dr. A. Lee Smith	2002	Dr. Thomas J. Delia		
1989	Dr. Do Ik Lee	2003	Dr. Robert M. Nowak		

**Outstanding Service to the American Chemical Society**

1989	Dr. David C. Young	2000	Dr. Peter & Dr. Patricia Dreyfuss	2011	No Recipient
1990	Dr. Linneaus C. Dorman	2001	Dr. George W. Eastland, Jr.	2012	No Recipient
1991	Dr. Donald R. Petersen	2002	Joan Sabourin	2013	No Recipient
1992	Dr. Wendell L. Dilling	2003	John Blizzard		
1993	Dr. Bob A. Howell	2004	Dr. Steven E. Keinath		
1994	Eldon L. Graham	2005	Ann Birch		
1995	Gretchen S. Kohl	2006	Dr. Philip Squattrito		
1996	Fran K. Voci	2007	David L. Stickle		
1997	Dr. Thomas H. Lane	2008	Connie Murphy		
1998	Vicky S. Cobb	2009	No Recipient		
1999	Dr. Theodore E. Tabor	2010	No Recipient		

**Thomas H. Lane Science Education Award**

2009	Ian Harrier	2012	No Recipient
2010	No Recipient	2013	No Recipient
2011	No Recipient		

**ACS NATIONAL AWARDS:**

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

[ACS Award for Affordable Green Chemistry](#)

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

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

[ACS Award for Creative Invention](#)

[ACS Award for Creative Research and Applications of Iodine Chemistry](#)

[ACS Award for Creative Work in Fluorine Chemistry](#)

[ACS Award for Creative Work in Synthetic Organic Chemistry](#)

[ACS Award for Distinguished Service in the Advancement of Inorganic Chemistry](#)

[ACS Award for Encouraging Disadvantaged Students into Careers in the Chemical Sciences](#)

[ACS Award for Encouraging Women into Careers in the Chemical Sciences](#)

[ACS Award for Research at an Undergraduate Institution](#)

[ACS Award for Team Innovation](#)

[ACS Award in Analytical Chemistry](#)

[ACS Award in Applied Polymer Science](#)

[ACS Award in Chromatography](#)

[ACS Award in Colloid and Surface Chemistry](#)

[ACS Award in Industrial Chemistry](#)

[ACS Award in Inorganic Chemistry](#)

[ACS Award in Organometallic Chemistry](#)

[ACS Award in Polymer Chemistry](#)

[ACS Award in Pure Chemistry](#)

[ACS Award in Separations Science and Technology](#)

[ACS Award in the Chemistry of Materials](#)

[ACS Award in Theoretical Chemistry](#)

[Award for Volunteer Service to the American Chemical Society](#)

[Roger Adams Award in Organic Chemistry](#)

[Arthur W. Adamson Award for Distinguished Service in the Advancement of Surface Chemistry](#)

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

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



[Board of Directors Distinguished Service Award for Senior ACS Administrators](#)  
[Ronald Breslow Award for Achievement in Biomimetic Chemistry](#)  
[Herbert C. Brown Award for Creative Research in Synthetic Methods](#)  
[James Bryant Conant Award in High School Chemistry Teaching](#)  
[Arthur C. Cope Award](#) (Organic Chemistry)  
[Arthur C. Cope Scholar Awards](#)  
[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](#) (service to chemistry by women chemists)  
[James T. Grady - James H. Stack Award for Interpreting Chemistry for the Public](#)  
[Ernest Guenther Award in the Chemistry of Natural Products](#)  
[E. B. Hershberg Award for Important Discoveries in Medicinally Active Substances](#)  
[Joel Henry Hildebrand Award in the Theoretical and Experimental Chemistry of Liquids](#)  
[Ralph F. Hirschmann Award in Peptide Chemistry](#)  
[E. V. Murphree Award in Industrial and Engineering Chemistry](#)  
[Nobel Laureate Signature Award for Graduate Education in Chemistry](#)  
[James Flack Norris Award in Physical Organic Chemistry](#)  
[George A. Olah Award in Hydrocarbon or Petroleum Chemistry](#)  
[George C. Pimentel Award in Chemical Education](#)  
[Priestley Medal](#) (distinguished services to chemistry)  
[Glenn T. Seaborg Award for Nuclear Chemistry](#)  
[Gabor A. Somorjai Award for Creative Research in Catalysis](#)  
[E. Bright Wilson Award in Spectroscopy](#)  
[The Ahmed Zewail Award in Ultrafast Science and Technology](#)  
[Heroes of Chemistry](#)

Criteria and deadlines for the National ACS awards and other grants and considerations can be found at:  
<http://webapps.acs.org/findawards/index.jsp>

**Nomination Form  
2014 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 **March 29, 2014**:

Lauren M. Huffman  
ACS Awards Committee Chair, Midland Section  
The Dow Chemical Company  
Michigan Operations  
Building 1710, Lab 40  
Midland, MI 48642  
Phone: (989) 636-7371; Fax: (989) 638-6619  
E-mail: [lmhuffman@dow.com](mailto:lmhuffman@dow.com)

## **FOUR-LETTER-WORDS! YOUR HELP Is Needed**

### ***Midland Section Communications Group***

Please **READ** on! ACS *still* needs **YOUR HELP** and your talent...

Love to work online? Do website design? We are in urgent **NEED** of a website coordinator. You would gradually succeed our current volunteer, Greg Cushing, who is still active but has relocated out of the section. We are considering a site rebuild to accommodate some new functions, including a **BLOG**. Get in on the ground floor where you can really take a **LEAD** role!

We also must give our current newsletter editors and publicity volunteers a break. If you like to write and/or deal with the public and media, have a go at publicity/PR. If you're a social media guru, we could use a volunteer to handle and develop those aspects of our communications. Amy and Steve will transition you into these roles—we need all takers because more people mean less individual work.

These are great opportunities for community service or professional development goals—not to mention the camaraderie, networking potential and skills development! Training is available. Time commitment will vary with role, number of volunteers, and individual preferences. ACS membership is not required.

Volunteer—or call any of those listed below for more info—**DON'T WAIT**. Your award-winning section cannot sustain its activities without you.

Amy Tesolin-Gee: [amtesolin-gee@dow.com](mailto:amtesolin-gee@dow.com); 989-636-1903

Steve Keinath: [keinath@mmi.org](mailto:keinath@mmi.org); 989-832-5555 x 588

Greg Cushing: [greg.cushing@hotmail.com](mailto:greg.cushing@hotmail.com)

Gina Malczewski: [reginamalczewski@gmail.com](mailto:reginamalczewski@gmail.com); 989-631-4038

## **Women Chemists Committee Kickoff Event, April 24**

### ***Jamie Curtis-Fisk, Women Chemists Committee***

Save the Date! The Midland Section ACS Women Chemists Committee (WCC) invites you to join us in celebrating the kickoff of this new organization. We will be hosting A. Maureen Rouhi, Editor-in-Chief of *C&E News*, on the evening of April 24 to hear her perspectives on leadership skills that women can use.

This event will also include opportunities for you to expand your network and build connections with other scientists from all around the mid-Michigan region. This event will take place at Whiting Forest, 2303 Eastman Avenue, Midland with networking to begin at 5:30 pm. Please mark your calendar now to attend this event!

Contact Jaime Curtis-Fisk ([jlcurtisfisk@dow.com](mailto:jlcurtisfisk@dow.com)) to be added to the WCC distribution list.

## WCC Kickoff: Professional Development Network. Build Connections.

Join **A. Maureen Rouhi**, Editor-in-Chief of *C&E News* for a compelling seminar on leadership skills in the workplace!

**Thursday, April 24, 5:30 pm**  
**Whiting Forest, Midland**



- **A. Maureen Rouhi** received B.S. and M.S. degrees in agricultural chemistry from the University of the Philippines, Los Baños, and a Ph.D. from the University of London.
- Her professional experience includes independent research and teaching in the Philippines and in Iran, scholarly publishing, journalism, and news organization management.
- Rouhi's leadership and management skills have been honed by 25 years of service at the American Chemical Society. The world's largest scientific society, ACS is a nonprofit professional organization with a multidisciplinary membership of more than 163,000 chemists and professionals in chemistry-related fields.

The Women Chemists Committee (WCC) serves the membership of the American Chemical Society. Our mission is to be leaders in attracting, developing, promoting, and advocating for women in the chemical sciences in order to positively impact society and the profession.

[Click Here](#) to RSVP or Contact Jaime Curtis-Fisk

**MSU Hosts Chemistry Research Forum May 14**  
***Michigan State University, Chemical Engineering and Materials Science***

The Department of Chemical Engineering and Materials Science (ChEMS) at Michigan State University would like to invite you to join us at the annual ChEMS Research Forum on Wednesday, May 14, 2014. The Forum will be held at the Huntington Club at Spartan Stadium on the campus of Michigan State University.

The 11th Annual ChEMS Research Forum will showcase Departmental research advances in the areas of:

- Energy and Sustainability
- Nanotechnology and Materials
- Biotechnology and Biomedical Engineering

The one-day program will feature plenary speakers, posters and oral presentations describing the latest Department research. Registration, lunch, and refreshments are complimentary. For more information: <http://www.chems.msu.edu/forum2014>. To register: <http://www.chems.msu.edu/forum2014/Registration>.

Featured presenters include:



**Matthew Tirrell**  
Pritzker Director and Professor  
Institute for Molecular Engineering  
University of Chicago

*Electrostatic Self-Assembly of Polymers  
and Colloids: New Routes to New  
Functional Materials*



**Chad Bouton**  
Research and Development Leader  
Neurotechnology and Molecular Imaging  
Battelle

*Neural Bridging and Implants for  
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## Seeking Volunteers to Work with Teachers

*Gina Malczewski, Outreach Committee / Secretary*

There is a lot going on in science education right now, with the ACS forming a new association for science teachers, and all the discussions about the Next Generation Science Standards. We are getting a number of requests for our hands-on sessions that provide activities that educators can do in their classrooms. We have developed – and are continuing to develop – with help from a National Innovative Project Grant (IPG) many units for teachers, and could really use assistance with their execution. You would not initially present, but could “shadow” a presenter until you are ready (and no one really does these sessions alone). We provide all the supplies and the workbooks, and our sessions are free to the teachers. Please contact Gina Malczewski to ([reginamalczewski@gmail.com](mailto:reginamalczewski@gmail.com)) to learn more!

## Upcoming Dates, Events, and Other Updates

- March 29 – Deadline to submit Midland Section ACS awards nominations. For more information, contact Lauren Huffman at [lmhuffman@dow.com](mailto:lmhuffman@dow.com) or 989-636-7371.
- April 7 (7:00-9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.
- April 22 (6:00 PM) – Midland Section ACS Awards Banquet, Great Hall Banquet & Convention Center, Midland. Contact [awards@acs.org](mailto:awards@acs.org) for more information or to RSVP.
- April 24 (5:30 PM) – Women Chemists Committee kickoff event, Whiting Forest, 2303 Eastman Avenue, Midland. Contact Jaime Curtis-Fisk ([jlcurtisfisk@dow.com](mailto:jlcurtisfisk@dow.com)) for more information.
- May 5 (7:00-9:00 PM) – ACS Board meeting, MCFTA Board Room (in person), or via conference call at phone number: 866-299-7945, participant code: 9837036#.
- May 14 – 11th Annual MSU ChEMS Department Research Forum, Huntington Club at Spartan Stadium, Michigan State University, East Lansing. For more information: <http://www.chems.msu.edu/forum2014>  
To register: <http://www.chems.msu.edu/forum2014/Registration>
- June 2 (5:30-9:00 PM) – Midland Section ACS 2nd Quarter Committee updates and dinner meeting. Venue to be determined. Contact Michelle Cummings ([michelle.cummings@dowcorning.com](mailto:michelle.cummings@dowcorning.com)) for questions.
- August 10-14 – 248<sup>th</sup> ACS National Meeting & Exposition, San Francisco, CA. For more information, see <http://www.acs.org/content/acs/en/meetings/fall-2014.html>.
- October 1-4 – 45<sup>th</sup> ACS Central Regional Meeting, Pittsburgh, PA. For more information, see [www.acscerm2014.org](http://www.acscerm2014.org).

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