Midland Section ACS Board Meeting

August 5, 2019
# Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00</td>
<td>Call to Order, Approve Minutes (May &amp; June)</td>
<td>Mark Jones</td>
</tr>
<tr>
<td>7:05</td>
<td>Chair Updates</td>
<td>Mark Jones</td>
</tr>
<tr>
<td>7:15</td>
<td>Nominations and Elections</td>
<td>Michelle Cummings</td>
</tr>
<tr>
<td>7:20</td>
<td>National Meetings</td>
<td>Tina Leaym</td>
</tr>
<tr>
<td>7:30</td>
<td>Outreach H1 Summary</td>
<td>Gina Malczewski</td>
</tr>
<tr>
<td>7:45</td>
<td>Historian’s Report</td>
<td>Wendell Dilling</td>
</tr>
<tr>
<td>8:00</td>
<td>Adjourn</td>
<td>All</td>
</tr>
</tbody>
</table>
Chair Updates

• 2019 ACS Fellows
  – Congratulations Gina Malczewski & Jerzy Klosin!

• 2019 Michigan Governor’s Service Awards
  – Senior Volunteer of the Year – Regina Malczewski

• Project SEED
  – Michelle Rivard to take over from Bernadette Harkness
  – Current student working through August

• Fall Scientific Meeting – October 26th
  – Call for abstracts coming soon

• National Chemical Historic Landmark
Chair Updates

Midland Section Host CERM

- 1982
- 1990: 8 yrs
- 1997: 7 yrs
- 2006: 9 yrs
- 2013: 7 yrs
- 2019: 6 yrs, 50th Anniversary/Centennial
- 20XX: Y yrs
ACS DAY at the Midland County Fair!
Sponsored by the Midland Section of the American Chemical Society
Thursday, Aug 15, 2019

At the Fair

Ride 'til you drop!
Discounted ride bands are good for a Single-day,
All-day, Any-day of Fun!
just $19.00!

$1 of ticket price goes toward funding MMTG Outreach Activities

Advance ticket sales only – MUST PURCHASE by FRIDAY, AUG 9 @ 10am!
Jeanette- jeanette.young@dow.com or Deb- dmendrick1@dow.com

FREE
Hot dogs, chips, drinks, popcorn & cotton candy to ACS/MMTG/YCC members, families and friends
4:30-7:30 pm, tan picnic bldg north end of Grandstand

SCIENCE DEMOS & NETWORKING
4:30-7:30 pm
Tan picnic bldg.
North end of Grandstand

FREE!
## Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00</td>
<td>Call to Order, Approve Minutes (May &amp; June)</td>
<td>Mark Jones</td>
</tr>
<tr>
<td>7:05</td>
<td>Chair Updates</td>
<td>Mark Jones</td>
</tr>
<tr>
<td>7:15</td>
<td>Nominations and Elections</td>
<td>Michelle Cummings</td>
</tr>
<tr>
<td>7:20</td>
<td>National Meetings</td>
<td>Tina Leaym</td>
</tr>
<tr>
<td>7:30</td>
<td>Outreach H1 Summary</td>
<td>Gina Malczewski</td>
</tr>
<tr>
<td>7:45</td>
<td>Historian’s Report</td>
<td>Wendell Dilling</td>
</tr>
<tr>
<td>8:00</td>
<td>Adjourn</td>
<td>All</td>
</tr>
</tbody>
</table>
Nominations & Elections

• Elected positions
  – Chair- Elect
  – Treasurer
  – 3 Directors
  – Secretary
  – Nominations and Elections

• Committee Chairs
  – Public Affairs
  – Publicity
  – Multi-cultural and Diversity
Recruiting strategy

1. Elevator speech
   - Passion for the chemical industry
   - Leveraging your professional skills
   - Leadership experience - move up fast
   - Networking benefits
   - Local community and national collaboration

2. Advertising
   - Traveling awards display
   - Social media/newsletter article
   - Promote “Why I volunteer with ACS”
   - Get a member local program??
Next Steps: ACTION

• Have an elevator speech ready- need help? Just ask.
• Act on opportunities at community or professional social events to give your elevator speech
• Volunteer to have a display of Local Section Awards at your facility
• Other ideas?
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00</td>
<td>Call to Order, Approve Minutes (May &amp; June)</td>
<td>Mark Jones</td>
</tr>
<tr>
<td>7:05</td>
<td>Chair Updates</td>
<td>Mark Jones</td>
</tr>
<tr>
<td>7:15</td>
<td>Nominations and Elections</td>
<td>Michelle Cummings</td>
</tr>
<tr>
<td>7:20</td>
<td>National Meetings</td>
<td>Tina Leaym</td>
</tr>
<tr>
<td>7:30</td>
<td>Outreach H1 Summary</td>
<td>Gina Malczewski</td>
</tr>
<tr>
<td>7:45</td>
<td>Historian’s Report</td>
<td>Wendell Dilling</td>
</tr>
<tr>
<td>8:00</td>
<td>Adjourn</td>
<td>All</td>
</tr>
</tbody>
</table>
Events

- Jan 19: Kids Day at the Midland Mall (“Chemistry is Out of this World”), UV bracelets, pencil electrolysis; 200 attendees
- Jan 22, 23, 24: 8 periods of “CO2 and the Atmosphere” Handy Middle School, ~240 students hands-on
- Feb 8: Science Café (“Of Molecules and Melodies: The Neurochemistry of Music”, Concert/Speaker) rescheduled to SEPT 7 at Faith United Methodist Church in Coleman
- Feb 19, 20: BCW MS: 9 periods, “CO2 and the Atmosphere” ~270 students, hands-on
- Mar 14: Blessed Sacrament “Chemical and Physical Changes”, 25 hands-on
- Mar 14: CNC, “Science of Syrup” ~40 attendees
- Apr 14: Stress Fest (Equilibrium Lab at MHS): 4 periods, 91 students, hands-on
Events (cont’d)

• Earth Day (“Take Note: The Chemistry of Paper”)
  – Apr 24: two periods (~180 students) “Green Cuisine” Food Science café at DHS with chef Andy Bacigalupo
  – Apr 25: “Crimes Caught on Paper”: Secret Service presentation with emphasis on currency counterfeiting and document forensics, ~10
  – Apr 27: MCFTA Expo: ACS booth with paper chemistry (15 exhibitors, passport, etc.)~150 attending
  – May 4; “The Possibilities of Paper” with 2 DHS art students: hands-on with paper mache, playing card sculpture and quilling; 9
  – May 23: “Paper Trail” Live Zoom event with Dr. Steven Keller from Miami U, OH; also participation from UM Flint and Wittenberg U, OH

• May 16: Dayton OH Si/Careers talk—4 classes, about 130 students

• May 20: White Pine STEM Day: Alka Seltzer rockets

• May 23; Jefferson MS, 300 students, three stations, 5 periods: Starch and Protein, Hydrophobicity/ Hydrophilicity, Paper Properties
Events (cont’d)

• May 30: Blessed Sacrament: Motion Mania, 26 students, hands-on
• Jun 6: STEM Night at the Loons: Bubble-ology
• June 27: Edible Chemistry: Mid-Michigan Children’s Museum (~20)
• July 15-17 Science Works! Camp at Delta (Michelle, MMTG; 20)
• July 20 (Exhibit): Super Soaker (Diaper Polymer); 6
• July 30: OLLI (grandparents and children): Fantastic Foams (Ronda)
• Aug 3: River Days (Things That Pop!), ~125
Volunteers and Future

• Thanks to:
  – Dave Stickles, Cassie Hale, Kevin Wier, Michelle Rivard, Lacey Brissette, Ronda Grosse, Jim Tonge, Earth Day volunteers
  – John Furcean at MSU-SA for technical help with Steven Keller

• Current and Future:
  – ACS Garden at Creative 360—plots 6’ x 10’ and larger; tilled; free water
  – Aug 6: MMCM “Careers” (It’s Cool to be a Chemist)
  – Aug 9: Mt Pleasant Discovery Museum: “Bubble-ology”
  – Aug 15: ACS Day at the Fair
  – Aug 20-23: STE(A)M STEW II: MSU-SA; middle school; free
The Midland Section of the American Chemical Society presents:

**PAPER TRAIL:**
Secrets and Science of an Amazing Material

**Dr. Steven Keller of Miami University**
**LIVE Zoom event**

at MSU St. Andrews, 1910 W. St. Andrews
Midland, 6:30-8 p.m. May 23, 2019

FREE and open to the public!
Samples and demos! You can link in from home at:
https://msu.zoom.us/j/169932528

- Where does paper come from?
- What are the differences among types of paper?
- Aren't we supposed to stop using paper?
- What is the history of paper?
The Rock—7/9/19

MMCM 6/27/19

Garden –late July 2019

Super Soaker 7/20/19
The Midland Section of the American Chemical Society and Coleman Faith United Methodist Church (FUMC) present:

Of Molecules and Melodies: The Neurochemistry of Music

FEATURING a lecture by Prof. Ed Roth
Director, Brain Research and Interdisciplinary Neurosciences (BRAIN) at Western Michigan University
and performances by local musicians, followed by a reception

Where: FUMC Sanctuary, 209 Jefferson St Coleman, MI 48618
When: 6:30-8:00 pm Sept 7, 2019

To be discussed:
- How does music affect the brain?
- Music and memory
- The future of music therapy

FREE and Open to the Public!
How do you get from an idea to a patent?

How do you know if an idea is any good?

Join us for an INVENTORS FORUM at the Herbert D. Doan History Center 3417 W. Main St. Midland 1-2 pm

-meet some local inventors
-learn about their inventions
-ask them questions!

FREE! Open to the public

Sponsored by:

What IS a patent anyway?

How do you know if an idea is any good?
The Midland Section of the American Chemical Society invites you to:

THE DISAPPEARING SPOON
and Other Table Tales
An evening with best-selling author
SAM KEAN

6-8 pm, November 5 2019
Herbert D. Doan History Center
Solutions Room
3417 W. Main St. Midland

Bring your books for signing, or get new ones!
## Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00</td>
<td>Call to Order, Approve Minutes (May &amp; June)</td>
<td>Mark Jones</td>
</tr>
<tr>
<td>7:05</td>
<td>Chair Updates</td>
<td>Mark Jones</td>
</tr>
<tr>
<td>7:15</td>
<td>Nominations and Elections</td>
<td>Michelle Cummings</td>
</tr>
<tr>
<td>7:20</td>
<td>National Meetings</td>
<td>Tina Leaym</td>
</tr>
<tr>
<td>7:30</td>
<td>Outreach H1 Summary</td>
<td>Gina Malczewski</td>
</tr>
<tr>
<td>7:45</td>
<td>Historian’s Report</td>
<td>Wendell Dilling</td>
</tr>
<tr>
<td>8:00</td>
<td>Adjourn</td>
<td>All</td>
</tr>
</tbody>
</table>
Report of
History Committee
to
Midland Section
American Chemical Society
Board of Directors

Wendell L. Dilling
Midland Section Historian

Midland Center for the Arts
August 5, 2019
History Committee Members

Wendell L. Dilling, Historian
Robert E. Kohrman, Assistant Historian
Jennifer A. Walton
Frank J. Boles
Marian J. Matyn
• History Committee

• Brief description of the goal of the Committee:

• Maintain the Section’s historical records so that anyone can access them.
• **Basic Duties and responsibilities:**

• Oversee the Midland Section’s historical records in the Clarke Historical Library at Central Michigan University.

• Act as resource person and contact for Midland Section members who need to see records in the collection. The Historian is not responsible for obtaining information or looking up records personally.

• Serve as Midland Section contact person for Clarke Historical Library personnel.

• Ensure records are not lost and are maintained in good order. **Visit Clarke Library once a year and check on this. Report to Board of Directors.**
• **Ensure the addition of new materials to the collection** but not necessarily serve as delivery person. Do additions for preceding year all at one time to minimize total effort required. New records should be in non-electronic form until a permanent universal standard electronic format is available. Electronic forms may be submitted as temporary records so they can be searched more easily as long as equipment is available to read the electronic format.

• Maintain a general inventory of Midland Section materials in Clarke Library. Staff of Clarke Library does this.

• Consult Board of Directors with questions regarding management and disposal of any Section records.

• Submit History Committee reports and records to Section Web Master for posting on the Section Web Site.

• Submit an annual report in December for inclusion in the Section’s Annual Report to the SOCIETY
• Documents added to the Midland Section American Chemical Society archives (May 28, 2019)
  • (1) 2017 Annual Report (in 2 volumes).
  • (2) Minutes of the Board of Directors’ Meetings, 2017.
  • (3) Web Site Information, 2017.
  • (5) 73rd Fall Scientific Meeting program booklet, 10-21-17.
  • (6) 26th Annual Recognition Banquet program booklet, 5-3-17.
  • (7) 19th Annual ChemLuminary Awards program booklet, 8-22-17.
  • (8) Presentation of the 2017 Class of ACS Fellows booklet, 8-21-17.
  • (9) 2018 Annual Report (in 3 volumes).
  • (10) Minutes of the Board of Directors’ Meetings, 2018.
• (14) 74th Fall Scientific Meeting program booklet, 10-13-18.
• (15) 27th Annual Recognition Banquet program booklet, 5-2-18.
• (16) A Night at the Museum, auction items list, 7-28-18.
• (17) Midland Area Community Foundation 2018 Scholarships booklet, 6-5-18
• (18) 20th Annual ChemLuminary Awards program booklet, 8-21-18.
• (19) Presentation of the 2018 Class of ACS Fellows booklet, 8-20-18.
• (20) 2015 Historian Annual Report.
• Items 1-4, 9-12, and 20 are in bound volumes.
American Chemical Society. Midland Section
Organizational Records, 1919-2019 (ongoing)
43 cubic feet (in 70 boxes and 5 Oversized drawers)

ACQUISITION: The collection is on DEPOSIT from the Midland Section of ACS,
MS#Aa-59, Acc# 54221, 54897, 67109, 67834, 68411, 69138, 69666, 70493, 71170,
72005, 72538, 73035, 73599, 74233, 74930, 75261, 75707, 75578, 76159, 76627.

ACCESS: The collection is open to researchers.

COPYRIGHT: Copyright is maintained by the ACS. Midland Section.

Box and Folder Listing (cont.):

Box 67:
Fd 1   THE MIDLAND CHEMIST, Vol. 54, 2017 (No. 1-12)
Fd 2   Annual Report (1 of 2), 2017
Fd 3   Annual Report (2 of 2), 2017

Box 68:
Fd 1   Board of Directors, Meeting Minutes, 2017
Fd 2   19th Annual ChemLuminary Awards Program Booklet, 2017
Fd 3   26th Annual Recognition Banquet Program Booklet, 2017
Fd 4   73rd Fall Scientific Meeting Program Booklet, 2017
Fd 5   Presentation of the 2017 Class of ACS Fellows, 2017
Fd 6   Website Information, 2017
Fd 7   THE MIDLAND CHEMIST, Vol. 55, 2018 (No. 1-12)
Fd 8   Annual Report (1 of 3), 2018

Box 69:
Fd 1   Annual Report (2 of 3), 2018
Fd 2   Annual Report (3 of 3), 2018
Fd 3   Board of Directors, Meeting Minutes, 2018
Fd 4   20th Annual ChemLuminary Awards Program Booklet, 2018
Fd 5   27th Annual Recognition Banquet Program Booklet, 2018
Fd 6   74th Fall Scientific Meeting Program Booklet, 2018
Fd 7   Midland Area Community Foundation Scholarships, 2018

Box 70 (.25 cu.ft. box):
Fd 3   Nonprofit Corporation Information Update, 2018
Fd 5   Presentation of the 2018 Class of ACS Fellows, 2018
Fd 6   Website Information, 2018
Fd 7   2015 Historian’s Annual Report. 2017
Fd 8   Dow Corning Technical Society Archives, 1978-2019
Fd 9   Midland Section Rosters, 2000, 2005, 2012
Awards for Outstanding Local Section presented to the Midland Section

(Plaques and trophies, locations in archives)

<table>
<thead>
<tr>
<th>No.</th>
<th>Year Awarded For</th>
<th>Box and Folder, etc</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1973 (dated 1974)</td>
<td>Box 15, Folder 5</td>
</tr>
<tr>
<td>2</td>
<td>1990 (dated 1991)</td>
<td>Box 16</td>
</tr>
<tr>
<td>3</td>
<td>1991</td>
<td>Box 16</td>
</tr>
<tr>
<td>4</td>
<td>1992</td>
<td>Box 16</td>
</tr>
<tr>
<td>5</td>
<td>1993</td>
<td>Box 16</td>
</tr>
<tr>
<td>6</td>
<td>1994</td>
<td>Box 16</td>
</tr>
<tr>
<td>7</td>
<td>1999</td>
<td>Box 26, Box 1 within</td>
</tr>
<tr>
<td>8</td>
<td>2000</td>
<td>Box 23, Box 1 within</td>
</tr>
<tr>
<td>9</td>
<td>2001</td>
<td>Box 31</td>
</tr>
<tr>
<td>10</td>
<td>2003</td>
<td>Box 35</td>
</tr>
<tr>
<td>11</td>
<td>2005</td>
<td>Box 40</td>
</tr>
<tr>
<td>12</td>
<td>2006</td>
<td>Box 41</td>
</tr>
<tr>
<td>13</td>
<td>2007</td>
<td>Box 47</td>
</tr>
<tr>
<td>14</td>
<td>2010</td>
<td>Box 51</td>
</tr>
<tr>
<td>15</td>
<td>2012</td>
<td>Box 60</td>
</tr>
<tr>
<td>16</td>
<td>2013</td>
<td>On display in Dow Anal. Lab (Wayde Konze)</td>
</tr>
<tr>
<td>17</td>
<td>2014</td>
<td>Michelle Cummings has it</td>
</tr>
<tr>
<td>18</td>
<td>2015</td>
<td>On display in CMU Chem.Dept. (WD)</td>
</tr>
<tr>
<td>19</td>
<td>2016</td>
<td>Michelle Cummings has it</td>
</tr>
<tr>
<td>20</td>
<td>2017</td>
<td>Who has it? (Anne Kelly-Rowley?)</td>
</tr>
</tbody>
</table>
Displays of Awards

Outstanding local section performance award for 2015 is on display at Central Michigan University,
   2013 award on display at Dow Analytical Laboratory

All awards are available on loan for display at other locations

Contribution

Annual contribution of $100 made to Clarke Historical Library (CMU) as token of thanks for their processing and maintenance of Midland Section archives during 2018
Policy for borrowing items from Midland Section archives (adopted 11-28-16):

(1) Anyone wanting to borrow items from the archives must contact Wendell Dilling by e-mail (dilli1wl@cmich.edu) to get permission.

(2) If approved, WD will forward approval to the borrower, to Jennifer Walton (ehler1ja@cmich.edu), and to Marian Matyn (matyn1mj@cmich.edu).

(3) If the borrower needs assistance in finding the archives they should contact Jennifer.

(4) Jennifer will keep a record of the borrower's name, the item/s borrowed, the date borrowed, and the date item/s are returned.

(5) If the borrower does not contact Jennifer, Marian will inform Jennifer when the item/s are removed from the archives so that Jennifer has a record of when item/s are borrowed, etc.

(6) When borrowed item/s are returned to the archives, Marian will inform Jennifer.

(7) If anyone wants to add other item/s to the archives he/she must contact WD and not take it/them directly to the archives.
In Past Issues of The Midland Chemist
Wendell L. Dilling, Director and Historian, Midland Section ACS

50 Years Ago, The Midland Chemist 1969, 6, No. 3 (Sept), 2.
In The Chairman’s Column, New Editors by K. L. Burgess, Chairman, Midland Section: “The MIDLAND CHEMIST, since its origin, has been edited by Dr. J. E. Dunbar. Joe has done a tremendous job of building reader interest as well as establishing the publication as a going business operation. Last spring, Joe asked to resign. Those of us who have worked with him were sorry to see him leave but recognized that he had more than done his share for the Section. Joe has shown an excellent ability to define the issues and state the questions. He seldom left any doubt as to his position and helped to remind many of us that it was time to stand up and be counted. You did not have to agree with the editorials but you did have to respect the manner in which the issues were presented. We will miss Joe as editor but I suspect we may see his name in the letters column. C. B. Roberts and C. D. Burton also are retiring and deserve our thanks for a job well done.”

40 Years Ago, The Midland Chemist 1979, 16, No. 7, 179.
Longest-Time Current Midland Section Members Recognized at Awards Banquet

In this, the centennial year of the Midland Section, we decided to invite as a special guest to the Awards Banquet, held on May 1, the person who has been a current member of the Midland Section the longest. The earliest current member was Donald Mc Collister, (current age 98) who joined the ACS in 1942 and came to Midland that same year. He thus has been a Midland Section member for 78 years or 78% of the life of the Midland Section. The second earliest current member was Charles Raley, who joined the ACS in 1943 and came to Midland in 1947 (~January). Unfortunately, neither of these two members were able to attend the Awards Banquet.

[Max Bottomley was the third longest-time current Midland Section member having joined the ACS and the Midland Section in 1947 (September). Unfortunately, while we were doing research on this project, Max passed away on April 25, 2019.]

However, we were fortunate to have the Midland Section’s third (4th?) earliest current member, Dr. David C. Young, attend with his wife Laura. Dave joined the ACS in 1948 while a student at the University of Florida. After receiving his PhD degree, Dave came to Midland in 1950 and joined Dow’s organic research lab. He has been an ACS member for 72 years and a Midland Section member for 70 years. Dave is a special Midland Section member in that he has been very active, having served a term or more in each of the Section elective offices including 21 years as a councilor. At the national level he served as District II director for two terms or six years on the national board of directors and was selected as a candidate to run for president-elect of the National ACS in 1981. Dave was presented with a plaque noting his participation in this part of the Section’s centennial celebration.
On the occasion of the Midland Section Centennial in 2019
the Section recognizes

Dr. David C. Young

For 72 years of ACS membership and
70 years of Midland Section membership

_________________________________________
Diana Kay Deese, Midland Section Awards Chair
A Century of Science and Service

1919-2019

MIDLAND SECTION
AMERICAN CHEMICAL SOCIETY

100th ANNIVERSARY EXHIBIT
Herbert D. Doan Midland County History Center
Open now through the end of 2019

Commemorating the centennial of the Midland Section and the contributions of its members to the local community and to global science and technology.

Featuring topical videos, artifacts and interactive elements that highlight chemistry as a fundamental science, and the 150th anniversary of the Periodic Table.

Check our websites and facebook page for information about weekend PROGRAMS and other activities.

Facebook/MidlandACS100 midlandacs100.org

DOW MIDLAND COUNTY HISTORY CENTER

A. Midland ACS 100th Anniversary Exhibit Dow Midland County History Center
B. National Historic Chemical Landmark First Electrolytic Production of Bromine
C. National Historic Chemical Landmark Invention of the worldview: Chemistry: Main Branches (20-30) Technical

Herbert D. Doan Midland County History Center
3417 W Main St, Midland, MI 48640
Weekdays 9-5, most weekends 12-4
Vision Statement:
Advancing chemical exploration, inquiry, and practice in the GLBR and beyond.

Mission Statement:
Promote chemistry and improve public perception of science through innovation in research, education and career development for the benefit of our members and partners.