

DETROIT SECTION, AMERICAN CHEMICAL SOCIETY ELECTION NEWS



It is November and time for the annual election of Detroit Local Section Officers, Councilors and Alternate Councilors. No petition candidates were nominated. If you are a member of the Detroit Section of the American Chemical Society and eligible to vote, you will receive an issue of the November Detroit Chemist by first class U.S. Mail. The list of eligible members was provided by the national office of the American Chemical Society. The election this year is again a hybrid-election, allowing you to vote either via a paper ballot or alternatively to vote electronically using the URL provided on page 7.

Ballot listings are alphabetical when there is more than one candidate for an office.

Matthew Mio (University of Detroit Mercy), who was elected to be Chair-Elect in November 2015, moves up to the position of Chair of the Detroit Section for the calendar year 2016. The officers chosen in the November 2015 election will take office beginning January 1, 2016. Those nominated for this year's ballot are:

Chair-Elect:	Matthew Mio
Secretary:	Denise Grimsley
Treasurer:	Shannon Timmons
Councilor:	Anthony Sky
Alternate Councilor (one to be selected):	
	Amy Hamlin
	Mary Kay Heidtke

Voting instructions (including URL for electronic voting) may be found on page 7—8.

Biographical sketches of the candidates, listed alphabetically, may be found on pages 8—10.

Mark Benvenuto and Christine Chow named ACS Fellows

We are proud that two Detroit Section members were part of the 2015 class of Fellows that was announced in June and was honored at the national ACS meeting in Boston in August. The American Chemical Society (ACS) Fellows Program was created by the ACS Board of Directors in December 2008 to recognize members of ACS for outstanding achievements in and contributions to science, **and** specifically is awarded to a member who, in some capacity, has provided excellent volunteer service to the ACS community.

Benvenuto, Mark Anthony



University of Detroit Mercy

Contribution to the science/profession: Conducted X-ray fluorescence research in artifacts analyses and consumer product materials, including copper coinage of King Herod in ancient Judea and antique patent medicines at the Henry Ford Museum.

Contribution to the ACS community: Served as a Councilor and two-term Chair of the Detroit Local Section, which won a 2005 ChemLuminary Award for Outstanding Performance by a Local Section. Also served on the Committees on Nomenclature, Terminology, and Symbols and Constitution and Bylaws and as General Chair of the 43rd Central Regional Meeting.

Chow, Christine S.



Wayne State University

Contribution to the science/profession: Contributed to the development of synthetic and biophysical tools for studying modified RNAs and ligand interactions, which is important for understanding antibiotic resistance mechanisms and combating bacterial resistance.

Contribution to the ACS community: Served the Division of Biological Chemistry as a Councilor (2005–2008 and 2014–present). Promoted women in the profession through work on the Women Chemists Committee (2007–present), grant-writing workshops, and nominations for awards.

Volunteers Needed for Chemistry Day

What: Chemistry Day
When: Saturday, November 7, 2015
Where: First United Methodist Church of Troy
6363 Livernois Avenue, Troy, Michigan
Time: 8:30 AM – 1:30 PM

The Detroit Section of the American Chemical Society's Minority Affairs Committee is partnering with the Girl Scouts of Southeastern Michigan for Chemistry Day. The Girl Scouts will be participating in an art project and other activities while learning about the fun of chemistry. They will learn about chemistry by doing hands-on experiments and participating in a career game. Through these activities, the Scouts will each earn a National Chemistry Week patch. This will be a large program both in terms of Girl Scouts (200 expected) and in terms of volunteers participating (25+).

The chemistry aspect of the day includes hands-on experiments. We will have several experiments set up on tables. They will include polymer cross-linking (making Gloop), Slime!, and dry ice experiment. Our audience will consist of the Junior Girl Scouts.

Denise Grimsley and Megan Klein, will take responsibility for preparing the supplies and setting up the experiments. The art project will be coordinated by Liz Roberts-Kirchhoff. The career game will be developed and organized by Meghann Murray. We will need ~20 - 25 additional volunteers to participate in demonstrating the experiments and overseeing the art project. Our participation is scheduled for Saturday, November 7th from 8:30 AM to 1:30 PM. Your help will be greatly appreciated!

If you are interested in joining some of your fellow chemical professionals in a fun morning of community service, please contact Mary Kay Heidtke at mkheidtke@aol.com or 810-919-0888. A continental breakfast and lunch (pizza) will be provided.

The 2015 ANACHEM / SAS Symposium will be held on Thursday, November 5th, 2015 at Burton in Livonia, Michigan. The site is easily accessible from interstate highway I-96. A plenary lecture and an award session with invited speakers will be given in honor of Dr. David E. Clemmer, the 2014 recipient of the ANACHEM Award. As always, an instrument exhibit and two educational workshops are integral parts of this annual symposium on chemical analysis. This year's symposium will also feature sessions devoted to student research, mass spectrometry, and other current research related to chemical analysis.

More information on the Symposium may be found in the October edition of The Chemist or online at

<http://www.anachem.org/symposium>



American Chemical Society – Detroit Local Section – Younger
Chemists Committee Presents:

Brewing Chemistry

Detroit, Michigan

Brewing Chemistry is a monthly lectures series. These informal talks are designed to make science fun and accessible for all. The lectures take place at 7:00 PM on the third Tuesday of every month at:

Traffic Jam & Snug, 511 West Canfield Street, Detroit, MI 48201

There is no admission charge, and free parking is available.

Feel free to join us before the talk at 6:00 PM for a Dutch-treat dinner.

For more information, contact Meghann at 313.993.1259 or meghann@brewingchemistry.com

Tuesday, November 17th, 2015 at 7:00 PM

Baking Fermentation

Presented by: Niko Siagkris-Seymour, Baker

Fermentation Guru and Grain Junkie Niko Siagkris-Seymour provides an in-depth explanation of the science of spontaneous fermentation and baking in the centuries-old tradition of artisan breads. Niko is a 2015 graduate of The School of Culinary Arts at Kendall College. Home-made samples will be provided to accompany the lecture.

www.brewingchemistry.com

niko.s.seymour@icloud.com



ANACHEM/SAS HOLIDAY PARTY



- When:** Wednesday, December 2, 2015 (DATE CHANGE)
- Where:** Detroit Yacht Club, Belle Isle
- Cocktails (Cash Bar):** 6:00 PM Starboard Haven Room
- Dinner:** 7:00 PM Trophy Room
- RSVP:** **Reservations are required by Friday, November 27, 2015**

Please give the names and number of people to Felix Schneider:
felixschn@wowway.com or leave a message at 248-583-1578.

ANACHEM members and friends are cordially invited to join us for the annual Holiday Party at the historic Detroit Yacht Club on Belle Isle. For many of us the formal but friendly social event has become an important holiday tradition and a great way to start the holiday season. (Yes, you must look your best with jackets or suits for men and dresses or pantsuits for ladies.) As always, the classic Detroit Yacht Club will be beautifully decorated with Christmas Trees and other seasonal displays.

Additional information will be posted on www.anachem.org.

Maps to the Detroit Yacht Club can be found at <http://www.dyc.com>

PLEASE MAKE NOTE OF THE DATE CHANGE FROM THE PRINTED COPY OF THE CHEMIST!



American Chemical Society – Detroit Local Section – Younger Chemists
Committee Presents:

**Brewing
Chemistry**
Detroit, Michigan



Tuesday, December 15th, 2015 at 6:30 PM
Holiday Field Trip

Tour of Detroit City Distillery in Detroit

Eight childhood friends started a small distillery to make alcohol the old fashioned way. Detroit City Distillery creates small batch artisanal whiskey, gin and vodka using the finest local ingredients sourced directly from farms near our distillery and tasting room located in Detroit's famed Eastern Market. The result is a drink of distinction made for the revolutionaries rewriting the history of a great American city.

Detroit City Distillery spirits include **Homegrown Rye** (Mash bill of 97% rye with 3% barley and caramel malted barley, 47% ALC/VOL | 94 Proof), **Bloodline Whiskey** (Aged one year with oak staves in reused cooperage. 47% ALC/VOL | 94 Proof), **Two-Faced Bourbon** (49% Bourbon Whiskey Aged 1/2 Years, 51% Straight Bourbon Whiskey Aged 5 Years, 47% ALC/VOL | 94 Proof), **Gilded Age Vodka** (Distilled from Michigan Corn and Barley, 44% ALC/VOL | 88 Proof), and **Railroad Gin** (Distilled from Michigan Corn and Barley, 44% ALC/VOL | 88 Proof).

Come try an assortment of samples & cocktails for this annual holiday trip. The distilling and bottling process will be described.

This tour costs \$15. Please RSVP for this event by December 1st!!!

The tour begins at 6:30 PM and lasts for approximately one hour. Detroit City Distillery is located at 2462 Riopelle Street Detroit, Michigan 48207 in Eastern Market

For more information, please visit: www.brewingchemistry.com

Contact Meghann at 313-993-1259 or meghann@brewingchemistry.com to RSVP

DETROIT SECTION, AMERICAN CHEMICAL SOCIETY - INSTRUCTIONS FOR VOTING

This year you have two options for voting. You may vote electronically via the Internet or by a traditional paper ballot. Please vote by one method only. Instructions for the two methods are given below. To vote by either method, you will need to provide your ACS member number. Your member number may be found on your membership card, your annual membership statement, or in the upper left corner of the address label on your hardcopy of Chemical & Engineering News. Member numbers will be used only to ensure that one member/one-vote is maintained.

PAPER BALLOT – To vote by paper ballot, cut out the ballot printed in this issue of the Detroit Chemist on page 8 and mark your choices. Enclose the ballot in an envelope; clearly write your member number in the upper left hand corner on the outside of the envelope, and mail the envelope to:

Jim Landis
131 Arthur Drive
Troy, MI 48083-1704

In order for your ballot to count, it must be postmarked on or before **Friday, November 20, 2015**.

ELECTRONIC BALLOT – To vote electronically via the Internet, please go to the following URL:

<https://www.surveymonkey.com/r/CTRD7VG>

Voting will be closed at midnight on Friday, November 20, 2015. You will be asked to supply your ACS member number. Then click on the “done” button. As mentioned above, member numbers will only be used to ensure one-member/one-vote.

Ballot for paper copy continued on page 8.

2015 Officer Election

Chair-Elect:	<input type="checkbox"/>	Matthew Mio
Secretary:	<input type="checkbox"/>	Denise Grimsley
Treasurer:	<input type="checkbox"/>	Shannon Timmons
Councilor:	<input type="checkbox"/>	Anthony Sky
Alternate Councilor (one to be selected):		
	<input type="checkbox"/>	Amy Hamlin
	<input type="checkbox"/>	Mary Kay Heidtke

2015 Election Candidates Biographical Sketches

Denise Grimsley

Denise Grimsley, a longtime member of the Detroit ACS, is currently serving her first term as the Section's Secretary and also serves as a co-chair of the Section's Kids and Chemistry group and has chaired the Section's National Chemistry Week and Chemists Celebrate Earth Day for over fifteen years. From 2013 – 2014, she served as the Detroit Local Section Treasurer. She received a BS degree in chemistry (Univ. of Michigan-Dearborn) in 1980. She works at BASF Corporation where she has 25 years of experience in analytical chemistry. Denise was honored with the Detroit Section ACS's Distinguished Service Award in 2009 and the Volunteer of the Year Award in 2014.

Amy Hamlin

Amy Hamlin received a BS in Chemistry from the University of Detroit Mercy in 2009 and a PhD from the University of California Berkeley in 2014. She is currently working as a Senior Scientist at Ash Stevens. During her undergraduate career she was involved with the ACS student affiliates at UDM holding various leadership positions and she often volunteered with the Detroit Local Section events. As a graduate student, she was appointed to the ACS's Graduate Education Advisory Board from 2011 to 2014 where she worked with committees within the ACS to help better serve graduate student members. She has also contributed several articles to *inChemistry* magazine, the ACS's undergraduate publication. Since returning to the Detroit Area, she has rejoined the Detroit Local Section and is currently volunteering with the CERM planning committee.

Biographical sketches continued on page 9.

Mary Kay Heidtke

Mary Kay Heidtke received her Bachelor of Science in Chemical Engineering from Michigan Technological University in 1993. Since 1999 she has been employed as an Environmental, Health, and Safety Engineer for Magni Industries, Inc. in Detroit. Mary Kay has been a member of the Detroit Local Section American Chemical Society since 1998. Since 1999 she has served as a Co-Chair for the Kids & Chemistry Outreach Program. In this capacity she has helped to organize both large and small events in the Metropolitan Detroit Area. She has also served as the Detroit Section Treasurer, Secretary, and Chair. With ACS she has also been an Alternate Councilor, a role she wishes to continue serving next year. For the past year, Mary Kay has been the Section editor of *The Chemist*. Mary Kay is a member of Anachem.

Matthew Mio

Matt Mio holds a B.S. from the University of Detroit Mercy (1997) and a Ph.D. from the University of Illinois at Urbana-Champaign (2001). He performed post-doctoral research and teaching at Macalester College (St. Paul, MN; 2002) where he was awarded a Mellon Fellowship. He joined the faculty in the Department of Chemistry and Biochemistry at the University of Detroit Mercy in 2002. Mio was tenured and promoted to Associate Professor in 2008. Mio has been an active member of the Detroit Local Section of the ACS for over 10 years, especially with regard to the Education Committee, which he has chaired since 2004.

Anthony Sky

Anthony Sky is Professor of Chemistry and Chair of the Department of Natural Sciences at Lawrence Technological University (LTU). He has been at LTU since 1991. In addition, he has been a member of the Education Committee, Detroit Local Section (DLS) of the American Chemical Society (ACS), from 1998 – 2010 and has been a member of the ACS-DLS Executive Board since 2001. As a Board member, Sky has served in the following offices: ACS-DLS Chair (2009 and 2010), and previously as Secretary, Treasurer, and Public Relations Chair. Anthony is a member of other professional organizations. He has presented at conferences for the American Chemical Society, National Science Teachers Association, Michigan Science Teachers Association, Metropolitan Detroit Science Teachers Association, and has served as President of the Michigan Science Education Leaders Association, (2013 – 2014). He is immediate past president, serving two consecutive terms, as Chair of the Missouri State University Chemistry Advisory Board, for 2013 and 2014.

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Shannon Timmons

Dr. Shannon Timmons joined the faculty at Lawrence Technological University in the fall of 2008 and teaches organic chemistry and biochemistry courses in the Department of Natural Sciences. She is a native of Canada and received her B.Sc. in Chemistry from Acadia University in Wolfville, NS and her Ph.D. in Chemistry from Dalhousie University in Halifax, NS under the supervision of Dr. David Jakeman with a specialization in medicinal chemistry. Dr. Timmons completed her postdoctoral studies in carbohydrate-based drug discovery under the supervision of Dr. Jon Thorson at the University of Wisconsin-Madison before beginning her career at LTU.

Dr. Timmons is currently an Assistant Professor of Chemical Biology and greatly enjoys both teaching courses and training undergraduate students to conduct high quality scientific research. She has a keen interest in the chemistry and biochemistry of natural products and their application in drug discovery research. She is a member of both the American Chemical Society and the Canadian Society for Chemistry. Dr. Timmons previously served as the Secretary of the Detroit Local Section of the ACS in 2013-2014 and is currently serving as Treasurer, a role she wishes to continue in 2016.

Outside the classroom and laboratory, Dr. Timmons loves spending time with her husband, Adam, and her two sons, Brayden and Curran.

Calendar of Upcoming Events

Second Tuesday of the Month: Detroit Section Executive Committee Meeting - from September through May (except December). Meetings start at 7:00 PM and are currently held at Lawrence Technological University. For additional information contact Professor Shannon Timmons, stimmons@ltu.edu

Fourth Tuesday (most months): Planning meetings for 2017 CERM at University of Detroit-Mercy. Please contact Professor Mark Benvenuto at benvenma@udmercy.edu for details.

November 5th: ANACHEM/SAS Symposium at Laurel Manor in Livonia. Morning and afternoon sessions—details may be found on page 3 or visit <http://www.anachem.org/>

November 7th: 11th Annual Girl Scout Chemistry Day. Details may be found on page 3. For more information or to volunteer please contact mkheidtke@aol.com

November 14: Michigan College Chemistry Teachers Association Meeting at Oakland County Community College. Please see October Chemist for details.

November 17th: Brewing Chemistry talk on baking at Traffic Jam & Snug Restaurant at 7:00 PM. Please see page 4 for details or visit <http://www.brewingchemistry.com/>

November 20th: Senior Chemists Behind-the-Scenes Tour of Detroit Institute of Arts in Detroit. Please see October Chemist for details. RSVP will be required—limited seating available.

December 2nd: ANACHEM Holiday Party at Detroit Yacht Club, Belle Isle. RSVP required by November 27th. Please see page 5 for details. DATE CHANGE FROM PRINTED COPY!

December 15th: Brewing Chemistry Holiday Field Trip at Detroit City Distillery in Detroit, MI. RSVP is required to attend. Please see page 6 for details or visit <http://www.brewingchemistry.com/>

Calendar of Upcoming Events

Second Tuesday of the Month: Detroit Section Exec. Committee Meeting – held at Lawrence Tech 7:00 PM.

Third Tuesday of Every Month: Brewing Chemistry. Please see <http://brewingchemistry.com> for information on upcoming topics.

November 5: ANACHEM/SAS Symposium

November 7: Girl Scout Chemistry Day

November 14: MCCTA Meeting

November 17: Brewing Chemistry at TJ&S

November 20: DIA Behind the Scenes

December 8: ANACHEM Holiday Party

December 15: Brewing Chemistry Holiday Field Trip



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