



Monthly Membership Meeting



Please plan on joining us!!

WHEN: *Wednesday, January 29; 6:00pm*

WHERE: *Room 211, Carlsen Center; JCCC
(Johnson County Community College)*

SPEAKERS: *Stacy and Joe Davidson; Stacy is in the
History Dept. at JCCC and Joe is with the USDA.*

MENU: *Snacks & Soft Drinks will be provided
following the presentation (7:00pm)*

COST: **THERE IS NO COST TO ATTEND!**

*In addition to the KC-ACS, this event will be co-
sponsored by the JCCC History and Chemistry
Departments*

Please RSVP to Sarah
Leibowitz
(sleibowitzacs@gmail.com)
by Jan. 22, 20 if
you are able to
attend.
Hope to see you
there! Thank you.



ACS

Chemistry for Life

*UPCOMING EVENTS/SAVE THE DATE

MO-RISE 2020

Missouri Western State University will host **MO-RISE 2020** on **Tues., March 3**, in the Fulkerson Center. The Missouri Regional Industrial Science and Engineering (MO-RISE) event will once again bring together regional employers with students pursuing STEM degrees for an evening focused on regional employment and professional networking. The MO-RISE 2020 Web Registration Page is now open. More details to follow in the coming months.

ACS Spring 2020 National Meeting
March 22-26, 2020 in Philadelphia, PA

- AMERICAN CHEMICAL SOCIETY 1876-2020
- 144 YEARS
- *Make sure to check out our website!!
- www.acs-kc.com

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ABOUT OUR SPEAKERS:

Stacy Davidson

Stacy Davidson is an Egyptologist at Johnson County Community College where she has been teaching Egyptology classes since 2011 in the Continuing Education department; she is also an adjunct in the History department. She is a member of the International Association of Egyptologists, President and co-founder of the American Research Center in Egypt's Missouri chapter (in development), and is organizing a two-day Egyptological symposium at JCCC in October, the first of its kind in the region. Contact her at sdayid22@jccc.edu or visit her blog at blogs.jccc.edu/sdavid22.

Joseph Davidson

Joseph Davidson earned his Bachelor of Science at Illinois State University, graduating with Honors and ACS Accreditation from Dr. Shawn R. Hitchcock's lab. He received a Master of Science from University of Michigan with a specialty in organic synthesis. A member of the American Chemical Society since 2001 and an alum of Sigma Xi Research Society. Joseph has published research in synthetic organometallic and analytical chemistry. He works at the United States Department of Agriculture, National Grain Center using GC, LC, MS/MS, and multiple extraction methods for measurement of pesticide residues.

ABOUT THE TALK:

Join Egyptologist Stacy Davidson and chemist Joseph Davidson for an evening exploring the materials science of the ancient Egyptians and how modern analytical chemistry techniques enhance our understanding of the past. In this interdisciplinary talk, they will explain what the ancient Egyptians knew about the matter that made up their world, highlight how the foundational scientific work of chemist Alfred Lucas advanced knowledge of Egyptian technology and techniques, describe the kinds of chemical analysis that lead to a greater understanding of the ancient Egyptians, shine a spotlight on natron and Egyptian blue from the perspectives of each of their fields, and show the links between common chemical compounds and ancient Egypt.

Message from the Chair

Greetings for 2020! The new year is off to a great start. Join us at the January meeting for *Ancient Materials and Modern Analysis*. You'll discover another way Chemistry is used to increase understanding in a non-traditional field. Meet the ACS officers: returning are Katie Dixon as Secretary and Gary Clapp as Treasurer. Jeff Woodford begins his role as Chair Elect, I start my year as Chair, and William Gutheil stays on to guide the section as Past-Chair. Thanks to everyone who voted in the Fall election and submitted suggestions for making the KC-ACS even better. There are many opportunities to do more with your KC-ACS; from leading a committee to volunteering for an afternoon. The section is looking for help with planning Meetings, Membership, and Social committees. To get involved, please contact any of the ACS officers or committee chairs.



Please join us in thanking and congratulating our New Executive Committee Chairs! And thank you, all, for voting!

EXECUTIVE OFFICERS FOR THE UPCOMING 2020 YEAR:

(Term begins January 1, 2020)

CHAIR: Dr. Sarah Leibowitz, DeLaval Manufacturing

CHAIR-ELECT: Dr. Jeff Woodford, Missouri Western State University

SECRETARY: Ms. Katie Dixon, Edward Jones Investments

TREASURER: Dr. Gary Clapp, Missouri Western State University

COUNCILOR (Filling Dr. Eckhard Hellmuth's last year): Dr. Sarah Leibowitz

IMMEDIATE PAST CHAIR: Dr. Bill Gutheil, University of Missouri-Kansas City

**THE ACS SCHOLARS PROGRAM
IS ACCEPTING APPLICATIONS FOR ITS 2020 CYCLE!**

The program awards renewable scholarships to underrepresented minority students from the high school seniors to undergraduate students majoring in chemistry-related disciplines, and are also intending to pursue careers in chemistry-related fields. Selected recipients are awarded up to \$5,000* per academic year.

To date, over 3,000 students have received funding from the ACS Scholars Program.

Learn more about the [ACS Scholars Program](#) online or [download our informational flyer](#) and help spread the word about this exciting opportunity to your students.

**** Number of awards and award amounts are determined by school year, demonstrated financial need, and available funding.***

ACS-KC Section Standing Committees & Chairs

Consider volunteering on one (or more) of our committees! We welcome your thoughts, ideas and contribution!

*Please contact Michele Sanders at: msanders@harcros.com if you are interested in joining one of the committees, or chairing one of the "open" committee positions.

Thank you; we welcome your input and help!



Check us out on **FACEBOOK**: ACS-KC and **LINKEDIN**: ACS-KC

COMMITTEES and CHAIRS

AWARDS.....	Dr. Innocent Pumure, UCM
EDUCATION.....	Dr. Jeffrey Woodford, MWSU
ENVIRONMENTAL IMPROVEMENT.....	OPEN
FINANCE.....	Dr. Jeffrey Woodford, MWSU
LONG RANGE PLANNING.....	OPEN
MEMBERSHIP.....	Dr. Jeffrey Woodford, MWSU
MINORITY AFFAIRS.....	OPEN
NATIONAL CHEMISTRY WEEK & GREEN CHEMISTRY COORDINATOR.....	Dr. Gary Clapp, MWSU
NEWSLETTER EDITOR.....	Mrs. Mary Jean Clapp, SJSU/emPowerU
NOMINATIONS Local Section Executive Committee....	Mr. Jon Tally, Park University
PROFESSIONAL RELATIONS.....	OPEN
PROGRAM.....	Dr. William Gutheil, UMKC
PUBLIC (Government) AFFAIRS.....	OPEN
PUBLIC RELATIONS.....	Dr. Gary Clapp, MWSU
SAFETY.....	Ms. Michele Sanders, Harcross Chemicals
SENIOR CHEMIST.....	OPEN
SPENCER AWARD NOMINATIONS.....	Mr. Jon Tally, Park U (Acting Chair; Long Term is OPEN)
WEBMASTER.....	Dr. Gary Clapp, MWSU
WOMEN CHEMISTS.....	Ms. Michele Sanders, Harcross Chemicals



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It's also for organic, inorganic, bio and physical chemists, anyone who develops, buys, or sells laboratory equipment, or manages scientists.

Don't miss the opportunity to get a hands-on look at the latest laboratory instrumentation, stay updated on innovative research, and solidify your skills and job productivity all while expanding your scientific network.

Technical Sessions

- Innovations and Trends in Forensic Examination of Seized Drugs and Forensic Toxicology
- Emerging Developments in Cannabis Science
- Supramolecular Chemistry for Sensing, Sequestration and Separation
- Advanced NMR and MRI Studies of Lithium Ion Batteries
- Advanced Drug Discovery for Biopharma & Biotherapeutics: Technologies for Structural Analysis and Spectroscopic Cell Imaging
- Innovative Screening Strategies for the Directed Evolution of Enzymes
- Analytical Chemistry of Beer and Brewing
- Biochemical Tomography and NanoMedicine
- Analytical Tools Enabling a Molecular-Level Studies of Environmental Multi-Phase Air-Water-Soil Systems

Short Courses

- Headspace Gas Chromatography Fundamentals, Method Development and Method Transfer
- Modern Portable Analytical Spectroscopy
- Practical Pyrolysis-GC/MS for Polymer and Material Characterization
- Introduction to Raman Spectroscopy and Imaging with Applications
- Practical NMR Spectroscopy
- Cannabis Testing
- An Introduction to Mass Spectrometry including Biomolecule Applications
- Essentials of LC-MS
- Sampling and Sample Preparation for Chromatography
- GC/MS Fundamentals for Operators

Visit www.pittcon.org for more information

McCormick Place | Chicago, IL | March 1-5, 2020



KC-ACS 2020 EXECUTIVE BOARD MEMBERS

Chair: Dr. Sarah Leibowitz (DeLaval Manufact.) (816) 891-6974
Chair-Elect: Dr. Jeff Woodford (MWSU) (816)
Treasurer: Dr. Gary Clapp (MWSU) (816) 271-4100
Secretary: Ms. Katie Dixon (Edward Jones) (913) 764-1037
Councilors: Dr. Gary Clapp (MWSU) (816) 271-4100
Dr. Sarah Leibowitz (DeLaval Manufact.) (816) 891-6974
Alternate Councilors:
Dr. William Gutheil (UMKC) (816) 235-2424
Newsletter Editor: Mary Jean Clapp Clappmj@aol.com
Website Director: Gary Clapp gclapp@missouriwestern.edu
Immediate Past Chair: Dr. Bill Gutheil (UMKC) (816) 235-2424

Check out our
website!! American
Chemical Society
Kansas City Section
Visit us online:
www.acs-kc.com

January 2020
American Chemical Society
Kansas City Chemist
2903 Wilschire Court
St. Joseph MO 64506