**\***Please RSVP to Sarah Leibowitz: [sleibowitzacs@gmail.com](about:blank) by Saturday, May 6, 2023. Thank you!

**Monthly membership meeting and student and teacher awards banquet**

**When: Thursday, May 11, 2023; 6:00pm**

**Where: Princess Garden Restaurant, 8906 Wornall Rd., KCMO**

**SPEAKER: Mr. James Partridge, R&D Scientist for Honeywell**

**Talk Title: “How Did They Get That Number” See Abstract below.**

**MENU: Family Style Dinner including Appetizers: Vegetable Rolls, Crab Rangoon, Steamed Dumplings, Hot & Sour Soup; Entrees: Beef & Broccoli, Shrimp with Mushrooms, Bamboo Shoots & Snow Peas, and Lemon Chicken. Also included: White Rice and Fried Rice; Hot and Iced Tea. Other beverages available for purchase.**

**Cost: Members: $20; Students and Seniors: $5; Awardees and Immediate Family: FREE of charge.**

**About our speaker: James Partridge**

James graduated from the University of Kansas in 2016. He has over five years of experience working as a formulation chemist. He has helped develop detergents, powder cleaning agents, and bovine skincare products. He has also been an adjunct professor at Washburn University and Park University. He currently works as an R&D Scientist III for Honeywell.

**Abstract:**

We’ve all been at a gas station and seen multiple octane ratings available, but what do those numbers mean and how are they determined? Please join the Kansas City ACS for a discussion on how these types of numbers we see every day are determined.

**ACS-Kansas City section mission statement:**

**Connecting Kansas City chemistry professionals with opportunities for lifelong success.**

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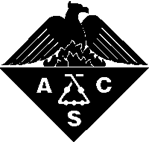
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**ACS**

Chemistry for Life

the kc chemist

April 2023

Volume 74 Issue 8

**Chair Elect**

**Dr. Thomas Metz was born in Emporia Kansas in 1942. He received a Bachelor of Arts degree from Emporia Kansas State University in 1964. He then earned his PhD from the University of Nevada, Reno in 1971. He worked at Bayer Crop Science from 1970-2006 and is now a part time teacher at MCCKC, Longview, and has been since 2006. His ACS experience includes being Secretary from 1979-1980; Chair-Elect in 1981; Chair in 1982; and Councilor from 1983-1998. Dr. Metz is interested in expanding the representation in the KC section and bringing some fresh life to the section. He will attempt to get guest speakers from our local Universities, MRI, and Industry. He prefers to keep favorite spots for meetings like our local brewery and winery, but also will look to add some dinner meetings. He looks forward to working with the Executive Committee to achieve these and other goals to energize the section.**

**Secretary**

**Dr. Gregory D. Claycomb is an Assistant Professor of Chemistry at Park University. He teaches general, analytical, and physical chemistry courses as well as introductory physics. He is dedicated to providing a quality education in the classroom, and often works with students outside of the classroom by mentoring them in research related to the chemical analysis of food products. In addition to working with Park students, he serves the high school chemistry community by acting as the coordinator of the KC-ACS USNCO, the High School Chemistry Olympiad. He was educated first at the University of New Mexico, and then at Kansas State University where he studied the chemistry solid surfaces and received the degree of PhD in 2006.**

**Treasurer**

**Dr. Gary Clapp is the President & CEO of the Institute for Industrial and Applied Life Sciences and of DT Search and Design which are both located in the Kit Bond Science and Technology Incubator on Missouri Western State University’s campus. He received his undergraduate degree in Chemistry from Minnesota State University, Mankato in 1984, and his PhD from Oregon State University in 1990. For the past 20 years, Dr. Clapp has been involved with many operational activities of independent businesses performing laboratory testing and research development in support of human and animal pharmaceutical drug development operations for Aptuit, AAI Development Services, Oread Laboratories and Hauser Chemical Research. Dr. Clapp’s duties included oversight and supervision of work performed in Biotechnology, BioAnalytical, Pharmaceutical Chemistry, Pilot Plants and Preformulation/Formulation for pharmaceutical solid dosage forms. He has been an active member of the ACS for 26 years and has served as an officer in the KC section for the past 12 as Treasurer, Vice-Chairman and Chairman. Dr. Clapp has also served as an invited technical reviewer on numerous National Institute of Health (NIH) technical evaluation committees. In addition, he has served as the Chairman for the western region of the American Council of Independent Laboratories (ACIL).**

**Councilor**

**Dr. Eckhard Hellmuth is asking for your vote at the end of his second term as Councilor (’06-’11). He would be sincerely honored to represent the Section in serving on the ACS Council for a second three year term; the continuation of his work on the Bylaws & Constitution (B&C) Committee of the ACS depends on winning your support. He hopes to interact with everyone for a few more years. For many years he had the great pleasure to work closely with Chemists at the local and national level. Together he hopes to explore ways and means in identifying goals, and areas of interest of our members. “How can we find better, more relevant activities to suit your needs? How can we facilitate better interactions, more networking opportunities, scientific & technical task exchanges, and last but not least, social contacts between us, you, and your colleagues in Engineering and the Sciences in the large geographical area of the Section?” Dr. Hellmuth has served as Chair (’02, ’05), Secretary (’68), Alternate Councilor (’03-’05), and as Chair of many Section Committees including Education (70’s, 80’s), Science Start-Up (90’s), SEED (70’s, ‘00’s), and Program Committee (‘98-present). He also committed many hours to planning and administration of our 2001-2011 Spencer Awards including establishing good personal interactions with the Executive Committees of the ACS Divisions of Agricultural & Food Chemistry and Agrochemicals in support of the Spencer Award Events. Eckhard Hellmuth graduated with an MS (’55) and a PhD (’60) from the University of Marburg, Germany, did post-doctoral research in Marburg and at Rensselaer Polytechnic Institute in Troy, NY, and started his career at UMKC in Polymer and Physical Chemistry in 1965.**

**Alternate Councilor**

**Dr. Gary Clapp … Please see above under “Treasurer” …**



**UPCOMING EVENTS:**

**2023 Chemists Celebrate Earth Week (CCEW):** Each spring, ACS celebrates CCEW, a public awareness campaign that promotes the value of chemistry in everyday life. This year, CCEW takes place **April 16-22** under the theme, **“The Curious Chemistry of Amazing Algae.”**

**ADOPT A BLOCK CLEAN UP! Another CCEW event taking place in St. Joseph MO: Saturday, April 22; 10:00am-Noon.** Join us for a small block clean up. The address we’ll meet at is 524 Albemarle, but the exact location is the parking lot at the corner of N. 6th Street and Maple Leaf. Look for the big dumpster and Gary!! We’ll have some fun sprucing up the area and then will be treated to lunch after. Hope you can join us! Questions? Contact Gary Clapp (816) 341-3230 or [geclapp424@yahoo.com](about:blank). Thank you for serving our community!

**Engagement Survey:** Please be on the lookout in your email for our local section engagement survey! This will be emailed to you from Dr. Bill Gutheil and we would really appreciate you taking the time to participate! We appreciate your feedback!

**ACS USNCO:** Missouri Western State University will be hosting the National Exam for the ACS USNCO for the KC Section on April 19th & 20th, 2023. Eleven students from seven area High Schools will be competing for spots in the Study Camp to be held June 4-17. Twenty students nationwide will be selected from this camp with 4 students and 2 alternates being selected to compete in the International Chemistry Olympiad. The KC Section had the honor of having one student (Luke Chen) participate in the Study Camp last year and he has set his goal to win a spot on the International team this year. We wish ALL the students the best as they pursue their dreams!

**Employment Opportunities:**

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[https://pharmacy.umkc.edu/](about:blank)

**Chemistry Adjunct Faculty Opening at MCC:** Metropolitan Community College is looking for chemistry adjunct faculty. Requirements: MS in Chemistry (or related field + 18 graduate credit hours in chemistry) and a willingness to teach. To apply: [https://jobs.mcckc.edu/](about:blank)

**The Annual spencer award 2023 winner announced**

**Congratulations to Dr. Joel Coats!** Dr. Coats is a Distinguished Professor of Entomology and Toxicology in the Department of Entomology at Iowa State University. He is originally from Ohio and received his B.S. in Zoology (Chemistry minor) from Arizona State University. His graduate training was at the University of Illinois at Urbana-Champaign, receiving his M.S. and PhD in Entomology (Chemistry minor), with specialization in insecticide toxicology and environmental toxicology. Professor Robert L. Metcalf served as his major professor there. He was a Visiting Professor for two years in the Department of Environmental Biology at the University of Guelph in Ontario, Canada. He has been on the faculty at Iowa State University since 1978 and served as Department Chairman for seven years. He teaches five graduate courses.

**Stay tuned for much more info regarding the Spencer Award Activities!**

**Councilor Talking Points:** The talking points from the recent ACS Councilor governance meeting can be viewed on our website: [https://acs-kc.com/newsletter-and-news](about:blank)

**ACS-KC Standing Committees & Chairs**

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

**\*Please contact Gary Clapp (**[**geclapp424@yahoo.com**](about:blank)**) if you are interested in joining one of the committees or chairing one of the “open” committee positions.**

**We thank you and welcome your input and assistance!!**

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Check us out on Facebook: ACS-KC, LinkedIn: ACS-KC and the website www.ACS-KC.com

**COMMITTEES and CHAIRS**

AWARDS……………………………………………………………………Alcinda Ruuskanen, MWSU

EDUCATION………………………………………………………………Dr. Jeffrey Woodford, MWSU

ENVIRONMENTAL IMPROVEMENT………………………......Dr. Shuo Han, UMKC

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, Retired, MWSU

NEWSLETTER EDITOR………………………………………………..Mary Jean Clapp, SJSD/emPowerU

NOMINATIONS Local Section Executive Committee….Mr. Jon Tally, Retired, Park University

PROFESSIONAL RELATIONS……………………………………….Dr. David Van Horn, UMKC

PROGRAM………………………………………………………………..Dr. William Gutheil, UMKC

PUBLIC (Government) AFFAIRS………………………………….**OPEN**

PUBLIC RELATIONS……………………………………………………Dr. Gary Clapp, Retired, MWSU

SAFETY………………………………………………………………………Michele Sanders, Harcros Chemicals

SENIOR CHEMIST………………………………………………………Mr. Mark Northrup, Retired

SPENCER AWARD NOMINATIONS……………………………..Dr. Tom Hemling, TCH Animal Health, LLP

WEBMASTER…………………………………………………………….Dr. Gary Clapp, Retired, MWSU

WOMEN CHEMISTS…………………………………………………..Michele Sanders, Harcros Chemicals

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**KC-ACS 2023 EXECUTIVE BOARD MEMBERS**

**Visit our website!!** American Chemical Society

Kansas City Section

View online**:**

**www.acs-kc.com**

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**Chair-Elect: James Partridge (Honeywell) (913) 669-2441**

**Treasurer: Jeff Woodford (MWSU) (816) 271-4100**

**Secretary: Gary Clapp (Retired, MWSU) (816) 341-3230**

**Councilor: Sarah Leibowitz (816) 891-6974**

**Alt. Councilor: Michele Sanders (Harcros Chem.) (913) 621-7889**

**Newsletter Editor: Mary Jean Clapp** [**Clappmj@aol.com**](about:blank)

**Website Director: Gary Clapp (Retired, MWSU)** [**geclapp424@**](about:blank)**yahoo.com**

**Immediate Past Chair: Gary Clapp (Retired, MWSU) (816) 341-3230**

APRIL 2023

American Chemical Society

Kansas City Chemist

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