May 2024

Volume 75 Issue 10

Please RSVP to Sarah Leibowitz: sleibowitzacs@gmail.com by Saturday, May 4th. Thank you!

**ACS**

 Chemistry for Life

**Student and teacher awards banquet**

**When:** Thursday, May 9, 2024; 6:00pm

**Where:** Princess Garden Restaurant, 8906 Wornall Road, KCMO

**SPEAKER:**  James Partridge, Current Chair, ACS-KC Section; R&D Scientist, Honeywell

**TALK TITLE:** “The Science Behind Nutrition Facts”

**Menu:** Family Style Dinner including Appetizers: Egg Rolls, Crab Rangoon, and Hot & Sour Soup (upon request); Entrees: Beef & Broccoli, Shrimp with Veggies, Orange Chicken, and Tofu and Veggies. Also included: White Rice and Fried Rice; Hot and Iced Tea. Other beverages available for purchase.

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

**Abstract:** We’ve all seen nutrition labels on food item wrappers; terms like “calories” and “saturated fats.” We see them every day. But what do the numbers really mean? What are the scientific techniques used to determine those numbers? Join us for a lesson on how chemists determine what is in our food.

**About our speaker:** James Partridge 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.

 **ACS-Kansas City Section Mission Statement:**

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

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the kc chemist

**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” …**



**USNCO National Exam participants and their sponsoring teachers:**

**CONGRATULATIONS to the nine students who participated in the United States National Chemistry Olympiad exam at Missouri Western University on Wednesday, April 17, 2024!**

**They are:**

**Matthew Chen,** Blue Valley North HS ~ Sponsoring teacher: Amy Schulte;

**Andrew Donnelly,** Blue Valley Northwest HS ~ Sponsoring teacher & proctor: Nanet Sula & Amy Schulte

**Neil Agarwal and Kashvi Silswal,** Blue Valley West HS ~ Sponsoring teacher & proctor: Brad Banning & Amy Schulte;

**Tanner McCoy,** Blue Valley HS ~ Proctor: Cindy Ruuskanen;

**Cody Hughes and Areeb Lodhi,** Liberty HS ~ Sponsoring teacher: Stu Jorgensen; and

**Samuel Kim and Reagan Bozarth,** Liberty North HS ~ Sponsoring teacher: Spencer Fish

**The Spencer Award Recipient for 2024 has been chosen!**

**Please join us in congratulating Dr. Atanu Biswas on this prestigious honor!**

The Kenneth A. Spencer Award for Outstanding Achievement in Agricultural and Food Chemistry was founded in 1955. It is recognized as one of the most prestigious awards presented to chemists working in many agricultural and food science areas. The award endorses meritorious contributions by scientists in academia and industry. For more than 60 years, the outstanding achievements of the Awardees have continued to establish the great reputation of the Spencer Award within the United States of America. Much more information to follow in the coming months!

**UPCOMING EVENTS:**

**Annual Networking Picnic:** Mark your calendar and plan on joining us for the fun day in the park! We will meet on Saturday, June 22nd from 11:00am-2:00pm at English Landing Park. Food and drinks will be provided! More info to follow.

**Career Opportunities: **

  To apply: https://pharmacy.umkc.edu/

**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****) if you are interested in joining one of the committees. Thank you! We would appreciate it and we welcome your input and assistance!**

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Check us out on Facebook: ACS-KC and LinkedIn: ACS-KC

 **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

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

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

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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 2024 EXECUTIVE BOARD MEMBERS**

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

Kansas City Section

View online**:**

**www.acs-kc.com**

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

**Chair-Elect: Dr. Bill Gutheil (UMKC) (816) 235-2424**

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**Councilor: Dr. Sarah Leibowitz (TriRX Pharm. Serv.) sleibowitzacs@gmail.com**

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

**Newsletter Editor: Mary Jean Clapp** **Clappmj@aol.com**

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

**Immediate Past Chair: Dr. Christine Hilbert (Hygiena) (913) 544-5630**

MAY 2024

American Chemical Society

Kansas City Chemist

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