

Please RSVP to Sarah Leibowitz: sleibowitzacs@gmail.com by Thursday, **August 22nd**.

Thank you.

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Save the date!! Mark your calendar!!

Please plan on joining us as we congratulate our newest Spencer Award recipient, Dr. Thomas Sparks at our Annual Banquet!

**The Kenneth A. Spencer Award for outstanding achievement in agricultural and food chemistry - Founded in 1955 and**

**Endowed by the Kenneth A. and Helen F. Spencer Foundation**

Reception and Dinner to honor the Awardee is planned & hosted by the KCACS. The Divisions of Agrochemicals (AGRO) & Agricultural and Food Chemistry (AGFD and the Journal of Agricultural and Food Chemistry) are involved in the nomination process.

**WHEN: Thursday, September 5, 2019; 5:15 Reception; 6:15 Plated Dinner; 7:00 Introductions and Featured Talk**

**WHERE: Central Exchange, 1020 Central St., Kansas City, MO**

**MENU: Flat Iron Steak w/Roasted Carrots, Gorgonzola Latake & Cabernet Sauce OR Pan Roasted Chicken Breast w/Brussel Sprouts and Sweet Potato Hash. Please specify Steak or Chicken when making your reservation. Vegan, Vegetarian & Gluten Free options available upon request. DESSERT: Flourless Chocolate Torte and Apple Croustade.**

**Talk Title: “Natural Products and Crop Protection Discovery – Science at the Interface” Please see Dr. Sparks’ Bio and Abstract on page 2.**

**Cost: $25; Students are Free of Charge**

**Parking: Will be available in the Central Garage on 10th St., beside Central Exchange. Parking is also available at Central St. and 9th St. in the Poindexter Garage. You will receive a parking voucher when you check in as ACS will pay for your first two hours of parking.**

**Related activities: Rare Book Tour at Linda Hall Library at 3:45pm and possibly the WW1 Museum earlier on Thurs., Sept. 5th.**

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* **AMERICAN CHEMICAL SOCIETY 1876-2019**
* **143 YEARS**
* **\*Make sure to check out our website!!**
* **www.acs-kc.com**

**ACS**

 Chemistry for Life

AUGUST 2019

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**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” …**

the kc chemist

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Meet our 2019 award recipient 

**Dr. Thomas Sparks**

It is with great pleasure that the Divisions of AGRO, AGFD and the Kansas City Section of the American Chemical Society announce the winner of the 2019 Kenneth A Spencer Award for Food and Agricultural Chemistry.

This year's winner is Dr. Thomas Sparks!  Dr. Sparks wins this award owing to his hard work and a lifetime of commitment to protecting our food supply.  Dr. Sparks started his professional track at Reedley College with an A.S in Science in 1971 followed by his BA in Biology (minor in Chemistry) California State University (Fresno) in 1973.  Tom continued his work at California Polytechnic State University in San Luis Obispo until entering the PhD. program at University of California, Riverside where he received his Doctorate in 1978 (Entomology).  Dr. Sparks spent the next eleven years with Louisiana State University rising to the full Professor rank until joining the Dow-Elanco-DuPont and finally the Corteva Team where he currently resides as a Research Fellow. Please refer to your Kenneth A. Spencer Award pamphlet for a more in-depth biography of Dr. Sparks.

About his presentation

**“Natural Products and Crop Protection Discovery – Science at the Interface”**

Natural Products continue to be an excellent source of inspiration for new crop protection tools including insecticides. The spinosyns are novel, fermentation derived, environmentally friendly natural products that are highly effective as insecticides for a wide range of insect pests. Discovery efforts, especially those involving the use of artificial intelligence and molecular modeling have led to new highly insecticidal spinosyn analogs and synthetic mimics. Aspects relating to discovery research, the crop protection industry and the spinosyn natural products will be discussed.

**Upcoming events of interest:**

**ACS national Meeting & Expo**

**Chemistry & Water**

August 25-29, 2019

San Diego, CA

Registration is open

**ACS-KC Section Local 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 could really use your help!

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**COMMITTEES and CHAIRS**

AWARDS……………………………………………………………………Dr. Innocent Pumure, UCM

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

ENVIRONMENTAL IMPROVEMENT………………………......**OPEN**

FINANCE……………………………………………………………………

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, SJSD/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, Harcros Chemicals

SENIOR CHEMIST………………………………………………………

SPENCER AWARD NOMINATIONS……………………………..Mr. Jon Tally, Park U (Acting Chair; Long Term is **OPEN**)

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

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

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

It is with heavy hearts that we inform you of the death of Dr. Eckhard Hellmuth. He has been the backbone of this section for many years and his contributions will be greatly missed.

**ACS KC SECTION 2019 EXECUTIVE BOARD MEMBERS**

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

**Chair-Elect: Dr. Sarah Leibowitz (DeLaval Manufact.) (816) 891-6974**

**Check out our website!!** American Chemical Society

Kansas City Section

Visit us online**:**

**www.acs-kc.com**

**Treasurer: Dr. Gary Clapp (MWSU) (816) 271-4100**

**Secretary: Ms. Katie Dixon (Edward Jones) (913) 764-1037**

**Councilors: Dr. Eckhard Hellmuth**

**Dr. Sarah Leibowitz (DeLaval Manufact.) (816) 891-6974**

**Alternate Councilors:**

**Dr. William Gutheil (UMKC) (816) 235-2424**

**Dr. Gary Clapp (MWSU) (816) 271-4100**

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

**Website Director: Gary Clapp** **gclapp@missouriwestern.edu**

**Immediate Past Chair: Michele Sanders (Harcros) (913) 621-7889**

AUGUST 2019

American Chemical Society

Kansas City Chemist

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