



SEPTEMBER MEMBERSHIP MEETING

WHEN: Tuesday, September 17, 2024; 6:00pm

WHERE: Arthur Mag Conference Center, 425 Volker Ave., KCMO

SPEAKER: Dr. Beth Lorschach, Global Development Leader with Nufarm Americas

TALK TITLE: "The Chemistry of Bourbon"

MENU: Join us for delicious BBQ from Jack's Stack! Bourbon pairings will also be offered.

COST: \$10



Beth Lorschach received her BA in chemistry in 1993 and an MS in Organometallic Chemistry in 1995 from Boston University. She continued her studies at the University of California, Davis, obtaining a Ph.D. in Organic Chemistry in 1999. During her more than 23 years with Dow AgroSciences (DAS) and Corteva Agriscience, she contributed to the success of Crop Protection R&D through her leadership in Discovery Chemistry, Process Chemistry groups, and Global Leader for Small Molecule Discovery and Development (SMDD). Recently, Beth joined Nufarm as the Global Development Leader where she will continue to deliver innovative and disruptive solutions to solve farmers' needs. In her new role, she is responsible for driving the Nufarm pivot to becoming an agricultural innovator.

She has served as local section chair and various committee chair roles before being elected to councilor in 2016. She has been a member of the Local Section Activities committee (LSAC) in the National ACS governance and was recently appointed Chair of the committee. As a member of AGRO, she has co-organized several external symposia at ACS meetings. In addition, she is currently an Executive Editor for the journal, Pest Management Science, and has served on the Editorial Board for the Organic Process Research & Development.

Beth is passionate about influencing the science of crop protection externally through her expanding array of publications and patents/patent applications. Recently, she was also elected as member at large of the AGRO division.

This talk will provide an overview of the chemistry of bourbon. In addition, tips on tasting and what is the difference between bourbon, whiskey, and scotch. You will learn about distillation and fermentation.

ACS-Kansas City Section Mission Statement:

Connecting Kansas City chemistry professionals with opportunities for lifelong success.

Please RSVP to Sarah Leibowitz:
sleibowitzacs@gmail.com by Sept. 10, 24.
Thank you!



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SPENCER AWARD RECIPIENT BIO AND ABSTRACT:
DR. ATANU BISWA
“FROM PLANTS TO PLASTICS”

Atanu Biswas is a Lead Scientist with USDA at Peoria, IL. He earned his PhD from the University of Notre Dame, USA. After a postdoctoral stay at the University of Virginia, Charlottesville VA, he joined Hercules Incorporated as a chemist.

As he resides in Peoria, IL, the Corn and Soybean Belt of the United States, his goal has always been to enhance the utilization of corn and soybeans. His presentation is based on research dealing with expanded uses of the components of corn, such as starch, protein, fiber, and oil. Past and ongoing research work includes chemical and enzymatic modifications of renewable resources to produce new bio-based materials and value-added products, pioneering polymer synthesis and modification work in development of bio-based plastics, coatings, films, hydrogels, absorbents, and bio-lubricants from agricultural products such as polysaccharides, vegetable oil, protein, edible beans, cotton, agricultural byproducts, etc. by utilizing green chemistry technologies such as microwave, ionic liquid, enzyme, extrusion etc. His research emphasizes creativity, collaboration and teamwork in developing new bio-based products. The presentation will cover his research achievement which spans both private and government (USDA/ARS) sectors.

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.

****UPCOMING EVENTS:***

Executive Committee Meeting: Tuesday, September 10, 2024; 6:00pm. The meeting will be held on TEAMS. If you are interested in participating, please contact James Partridge (913) 669-2441 for an invite. Everyone is welcome to join in!

***KC-ACS Happy Hour:** Come join your fellow chemistry professionals for Happy Hour!

WHEN: Friday, Sept. 27, 4-6pm; **WHERE:** Chicken N Pickle, 1761 Burlington, North KC. The KC Section will provide copious appetizers for noshing; drinks are OYO. No need to RSVP just show up for the fun!

Annual Spencer Award Dinner and Ceremony: Thursday, October 17, 2024: 6:00pm. Mark your calendar to join us at Grand Street Café, 4740 Grand Avenue, Suite 110, KCMO as we celebrate and hear a presentation by our award winner, Dr. Atanu Biswas. Appetizers will be available prior to the dinner buffet which will feature grilled sirloin, chicken parmesan, and shrimp & chorizo paella. See details in next month's Kansas City Chemist.

Career Opportunities:

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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!



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

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SEPTEMBER 2024
American Chemical Society
Kansas City Chemist
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