

STICKING WITH CHEMISTRY

How Do Adhesives Enable Our Daily Lives?

Join ACS Brazosport Local Section for a free virtual seminar to celebrate this year's National Chemistry Week October 18th-24th and learn about the magic of “sticking with chemistry”! Come and meet our industry experts talking about the value of different adhesives and how they enable our everyday lives:

Bindu Krishnan, Ph.D. (Dow Polyurethane)

David R. Keely, Ph.D. (Dow Adhesives)

Jie Wu, Ph.D. (Dow Packaging and Specialty Plastic)

Nick Shephard, Ph.D. (Dow Performance Silicones)

When: Wed Oct 21st 2020, 11am-12:30pm (CST)

Where: Virtual (Webex)

Questions about the event, contact Daniel Abebe at dgabebe@dow.com or Yifan Dong at ydong1@dow.com

#ncw

Seminar Speakers

Bindu Krishnan, Ph.D.
Principal Scientist, Dow Polyurethane ATD



Bindu Krishnan, technical leader for the Adhesive, and Sealants segment in the Polyurethane Business is responsible for the strategy and technology development of adhesives and sealants for the construction & infrastructure market. Bindu's technical contribution has been recognized by the Excellence in Science Award by the Gulf Coast and Latin Americas Scientists Organization (GCLASO). She is also the recipient of the prestigious AIChE Industrial Progress Award for her career accomplishments, service to society and service to the Institute. She is passionate about Science as well as "Women in the Chemical Industry". She has chaired the Women's Innovation Network (WIN-Freeport Chapter) as well as American Institute of Chemical Engineer's Women's Initiative Committee. She is also a STEM ambassador, steering the STEM activities throughout Brazoria county. Bindu holds a Ph.D. (2002) in Organic Polymer from University of Bordeaux, France. She also completed a Post-doctoral fellowship at Goodyear Polymer center (University of Akron) before joining Dow. Bindu has authored 11 peer reviewed Journal articles, 10 approved US patents, 2 EU patent, over 60 internal publications and over 20 pending patent applications.

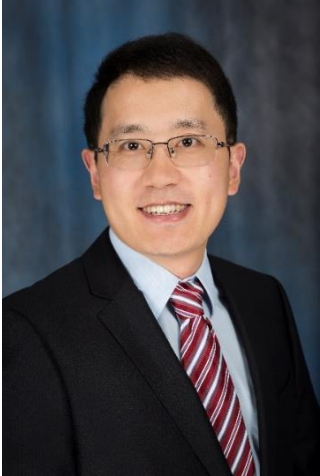
David R. Keely, Ph.D.
TS&D Manager, Dow Adhesives Business



David R Keely is a Field Technical Service Manager for the Dow Adhesives business. He is responsible for technical support for label, specialty PSA, graphic arts and other markets. He graduated from West Virginia University in 1991 with bachelor's degrees in chemistry and education. He is the author of numerous professional articles/presentations and one patent. Keely has been with Rohm and Haas/Dow for 18 plus years and has a total of 26 years of experience in the adhesives industry in various technical, commercial and manufacturing roles. He is involved in several industry associations including PSTC and TLMI. In his spare time he enjoys running, reading and volunteer work.

Jie Wu, Ph.D.

Associate Research Scientist, Dow Packaging and Specialty Plastic



Jie Wu is an Associate Research Scientist in Dow Packaging and Specialty Plastics Business, where he has been leading the development of innovative adhesive and coating products for flexible packaging applications. Prior to joining Dow, he received a Ph.D. in Material Science and Engineering from Georgia Institute of Technology. His Ph.D. work combined his interest in material science and sustainability to develop sustainable materials for coating, food packaging, and transportation applications. Jie has authored 11 peer-reviewed journal articles and is an inventor of 24 patent applications. The technologies that he contributed have been honored with Edison Bronze Award, AIMCAL Technology of Year, AIMCAL Technical Excellence Award and Kirkpatrick Chemical Engineering Honor Award.

Nick Shephard, Ph.D.

R&D/TS&D Fellow, Dow Performance Silicones



Nick has a Ph. D. in Materials Engineering Science from Virginia Tech, specializing in adhesion science and durability assessment. For the past 30+ years, he has contributed to product development for construction sealants, medical adhesives, adhesives for electronics, and conductive adhesives. Designing and building specialized test equipment to demonstrate product efficacy is one of his passions. Nick continues to apply his knowledge of adhesion science for the development of adhesive materials in Dow Performance Silicones.