



THE UNIVERSITY OF  
SOUTHERN MISSISSIPPI

**School of Mathematics & Natural Sciences**  
**Chemistry and Biochemistry**  
**Fall 2022 Seminar Series**

- August 26** Seminar class meets to discuss requirements
- September 2** No seminar
- September 9** **Vijay Rangachari, The University of Southern Mississippi\***  
*“Liquid, Solid, or Gel? Phase transitions of TDP-43 in physiology and neurodegenerative diseases”*
- September 16** **Eden Tanner, The University of Mississippi**  
*“Biocompatible Ionic Liquids as Emerging Biomaterials”*
- September 23** **Alex Holehouse, Washington University St. Louis\***  
*“TBA”*
- September 30** **Michael Schmidt, Bristol Myers Squibb, (BMS)\*\***  
*“Innovation as the Engine of Process Research”*
- October 7** **Brooke Van Horn, College of Charleston**  
*“TBA”*
- October 14** **Jennifer Lee, NHLBI (NIH)\***  
*“Amyloids in Disease and Biology”*
- October 21** **Fall Break – No Seminar**
- October 28** **David Aitken, University Paris-SUD\*\***  
*“TBA”*
- November 4** **Karen Kustedjo, Illumina\*\***  
*“TBA”*
- November 11** **Xiao-Zi (Riny) Yuan, National Research Council Canada\*\***  
*“Functional Studies of Dysfunctional Proteins”*
- November 18** **Chemistry Undergraduate Capstone Symposium**
- November 25** **Thanksgiving holiday – no seminar**

**Seminars begin at 1:30 pm**  
**Bobby Chain Technology Building (TEC), Room 106**  
Coffee and cookies served in the TEC lobby immediately before the seminar

\* Joint seminar with CMCB

\*\* Seminar will be delivered online via ZOOM. Any student or faculty outside the Chemistry and Biochemistry discipline who is interested in attending a seminar, please contact Professor Vijay Rangachari at [Vijay.Rangachari@usm.edu](mailto:Vijay.Rangachari@usm.edu) to be included.