Fall 2020

Chemistry 501

Seminar Chair: Dr. Johnathan Brantley

All seminars will be via zoom

SEPTEMBER 3 • link: tba • Host: Johnathan Brantley

Frieder Jäkle · Distinguished Professor, Chair · Rutgers University

"Putting Boron into Polymers: From Catalysis to Supramolecular Material"

SEPTEMBER 10 • link: tba • Host: Johnathan Brantley

Konstantinos Vogiatzis · Assistant Professor · University of Tennessee

"Coupling Quantum Chemistry with Machine Learning"

SEPTEMBER 17 • link: tba • Host: John Larese

Lind Lecture

Thomas Mallouk · Professor Emeritus · Penn State University

TBA

SEPTEMBER 24 • link: tba • Host: Michael Kilbey

Barry Thompson · Professor of Chemistry · University of Southern California

"Reimagining Semiconducting Polymers for Alternative Energy Applications"

OCTOBER 1 • link: tba • Host: Ben Xue

Danna Freedman · Professor · Northwestern University

"Chemistry for the Second Quantum Revolution (and some bismuth)"

OCTOBER 8 • link: tba • Host: Ampofo Darko

Michael Doyle · Professor, Rita and John Feik Distinguished University Chair in Medicinal Chemistry · University of Texas, San Antonio

"Enantioselective Cycloaddition Reactions and Their Applications"

OCTOBER 22 • link: tba • Host: Constance Bailey

William Wuest · GRA Distinguished Investigator & Assoc Professor · Emory University

"Slaying superbugs one natural product at a time"

OCTOBER 29 • link: tba • Host: Bin Zhao

Yue Zhao · Professor of Chemistry · Université de Sherbrooke - Canada

"Polymer Motions Driven by Stimuli: towards Soft Robots"

NOVEMBER 5 • link: tba • Host: Thanh Do

Etienne Garand · Associate Professor · University of Wisconsin-Madison

"Probing molecular interactions in reactive complexes with cryogenic ion chemistry and spectroscopy"

November 12 • link: tba • Host: Brian Long

Geoff Coates · Tisch University Professor · Cornell University

"New Polymers from Old Monomers: Advances Enabled through Catalyst Design and Discovery"

NOVEMBER 19 • link: tba • Host: Konstantinos Vogiatzis

Francesco Paesani · Professor of Chemistry & Biochem · Univ of California-San Diego

"Data-Driven Many-Body Models for Predictive Molecular Simulations from the Gas to the Condensed Phase"