CBME Faculty

Steven P. Crossley  Edgar A. O'Rear III
Brian P. Grady  Dimitrios V. Papavassiliou
Roger G. Harrison  Daniel E. Resasco
Jeffrey H. Harwell  Robert L. Shambaugh
Liangliang Huang  Keisha B. Walters
Lance L. Lobban  Bin Wang
M. Ulli Nollert

CBME Welcomes New Faculty

Michele Galizia
Assistant Professor
Ph.D., Chemical Engineering, 2010
University of Bologna, Italy

Sepideh Razavi
Assistant Professor
Ph.D., Chemical Engineering, 2015
City College of New York

CBME Highlights

Steven Crossley was awarded a National Science Foundation Early CAREER Award.

Brian Grady was elected as the president-elect of the Society of Plastics Engineers for 2017-2018 and will assume the presidency in May 2018.

Daniel Resasco was elected as the chair-elect for the Catalysis Science and Technology Division in the American Chemical Society and will assume the chair in January 2018. Resasco also was named the Inaugural Gallogly Chair of the Gallogly College of Engineering.

Roger Harrison was inducted into the College of Fellows of the American Institute for Medical and Biological Engineering. Harrison also was elected to the Oklahoma Higher Education Hall of Fame.
Nov. 14
Tushar Choudhary
Phillips 66
From Fundamentals to Refinery Optimization

Nov. 28
Randy Hazlett
University of Tulsa
Modeling Fluid Flow in Induced Fractures in Shale by the Lattice Boltzmann Method

Feb. 6
Brent H. Shanks
Iowa State University
Bioprivileged Molecules: A Strategy for Next Generation Chemical Products

Feb. 20
Joint CBME-SBME seminar
Todd Przybycien
Carnegie Mellon University
Using Surfactants to Enhance Pulmonary Delivery in the Treatment of Obstructive Lung Diseases

Feb. 27
Walter Alvarez
Phillips 66
Fluid Catalytic Cracking: Fundamental Research with an Industrial Perspective: Gaps and Future Trends

March 6
Benny D. Freeman
University of Texas, Austin
Design of Advanced Materials for Membrane Separations

March 13
Jingguang Chen
Columbia University
Converting CO₂ using Thermocatalysis and Electro catalysis

March 27
Yu Feng
Oklahoma State University
Build Your Digital Twin using Computational Fluid-Particle Dynamics: A Noninvasive Tool of Personalized Healthcare for Lung Diseases Treatment

April 3
W. Benjamin Rogers
Brandeis University
Unraveling and Reprogramming Self-assembly Using DNA

April 10
Rachel A. Segalman
University of California, Santa Barbara
Sequence: Where Polymer Physics Meets Polypeptoids

April 17
Harry G. Fair Memorial Lecturer
Joan Brennecke
University of Texas, Austin
TBD

April 24
Roseanna N. Zia
Stanford University
Diffusion and Active Motion in Spherically Confined Suspensions: Toward a Model for Intracellular Transport