

Department of Chemical and Biomedical Engineering Cleveland State University Spring 2019 Seminar Series

The Thomas Bell Lectureship

Thursday, April 11th at 2:00PM
Washkewicz Hall 405

Ionic Liquids for Chemical Separations

Joan Brennecke, PhD

*McKetta Department of Chemical Engineering
The University of Texas at Austin*



The Third Annual Bell Lecture will be given by Joan Brennecke, the Cockrell Family Chair in Engineering at the University of Texas at Austin. Dr. Brennecke earned her BS from the University of Texas at Austin and both her MS and PhD in Chemical Engineering from the University of Illinois at Urbana-Champaign. Dr. Brennecke's current research interests are in the development of more environmentally friendly solvents and processes. Of particular interest is the use of ionic liquids and carbon dioxide for extractions, separations, and reactions. She has been awarded numerous honors, including the Presidential Young Investigator Award in 1991, the American Chemical Society Ipatieff Prize, 2006 Professional Progress Award from AIChE, the J.M.Prausnitz Award, E.V. Murphree Award, E.O. Lawrence Award, and the Julius Steiglitz Award. She's also an elected member of the National Academy of Engineering.

The Thomas Bell Lectureship was formed in honor of former CSU Chemical Engineering faculty member, Dr. Donald J. Harvey. The lectureship is the result of a generous donation from CSU Alumnus Thomas Bell (BChE '74).

All seminars 11:30 AM – 12:30 PM in Washkewicz Hall 405



January 24th: **Silane Modification of Oxides for Biological and Energy Applications**

Ina Martin, PhD

*Materials for Opto/Electronics Research and Education (MORE) Center
Case Western Reserve University*



February 14th: **A Quantum Mechanical Approach to Hydrogen Storage and Isotope Separation**

Stephen FitzGerald, PhD

*Physics Department
Oberlin College and Conservatory*



February 28th: **Breaking the Diagnostic Barrier for Hemoglobin Diseases in the Developing World**

Umut Gurkan, PhD

*Mechanical and Aerospace Engineering & Biomedical Engineering Departments
Case Western Reserve University*



April 18th: **Role of Mechanics in the Cancer Microenvironment: Cautionary Tales**

Jessica Winter, PhD

*Chemical and Biomolecular Engineering & Biomedical Engineering Departments
The Ohio State University*