

Jason Bara Wins Prestigious Himmelblau Award



Jason Bara, chemical engineering professor at the University of Alabama, has won the 2017 David Himmelblau Award for Innovations in Computer-Based Chemical Engineering Education. This award recognizes an individual who is making novel contributions to computer aids for chemical engineering education.

Dr. Bara's research group is focused on the development of processes for clean energy generation that utilize new solvents with little or no volatility for scrubbing CO₂ emissions with a complementary focus on "green" chemical reactions. Additionally, Dr. Bara is pioneering the use of iPhones and iPads in the chemical engineering curriculum, and is actively advancing 3-D printing as a tool for research, engineering, and education.

Dr. Bara received a B.S. in Chemical Engineering from Virginia Commonwealth University and a Ph.D. in Chemical Engineering from The University of Colorado at Boulder. He has authored 70 peer-reviewed research publications and 5 book chapters primarily on the topics of gas separations, ionic liquids, polymer membranes, nanostructured materials, chemical process engineering and organic synthesis. Jason is the 2015 winner of the FRI/John G. Kunesh Award from the AIChE Separations Division. Jason has led the development of mobile apps for chemical engineers, including Chemical Engineering AppSuite and ODEsseus: Numerical Solver for Differential Equations on iPhones and iPads.

To learn more about Jason Bara and his research, visit <http://jbara.eng.ua.edu/>