

Jason Keith



Dr. Jason Keith is an Associate Professor of Chemical Engineering at Michigan Technological University. He received his B.S. in Chemical Engineering from The University of Akron and his Ph.D. in Chemical Engineering from the University of Notre Dame.

Jason's research interests are in numerical modeling of reactive systems, modeling of composite materials for fuel cell applications, and in improving the field of chemical engineering education. Jason's group has studied combined heat and mass transfer to design diesel particulate traps to reduce pollution from diesel vehicles. He has also studied increasing thermal and electrical conductivity of polymers using carbon fillers for fuel cell bipolar plate applications. His involvement with the CACHE Corporation centers upon bringing fuel cells and hydrogen into the chemical engineering curriculum through the development of course modules to supplement core material.

In his short career, Jason has advised or co-advised the completion of 5 Ph.D. and 7 M.S. degrees. In 2008, he was named the 2008 recipient of the Ray W. Fahien award from the Chemical Engineering Division of the American Society for Engineering Education.

Jason and his wife, Salvadora, live in Houghton, Michigan with their three children, Andrew, Maria, and Isabel; and their chocolate Labrador Retriever, Pennant.