

Bio for Dr. John A. Keith



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Dr. Keith is an R. K. Mellon Faculty Fellow in Energy, a tenure-track assistant professor, at the University of Pittsburgh (Pitt) in the Department of Chemical & Petroleum Energy and affiliated with Pitt's Center for Energy. After obtaining his Ph.D. from Caltech, he was an Alexander von Humboldt postdoctoral fellow at the University of Ulm and then an Associate Research Scholar at Princeton University. He began his appointment at Pitt in September 2013. His group uses first-principles based computational chemistry to study chemical reaction mechanisms and design materials and catalysts for alternative energy conversion. Current activities address CO₂ conversion and the development of computational models with intended applications in sustainability and renewable energy.