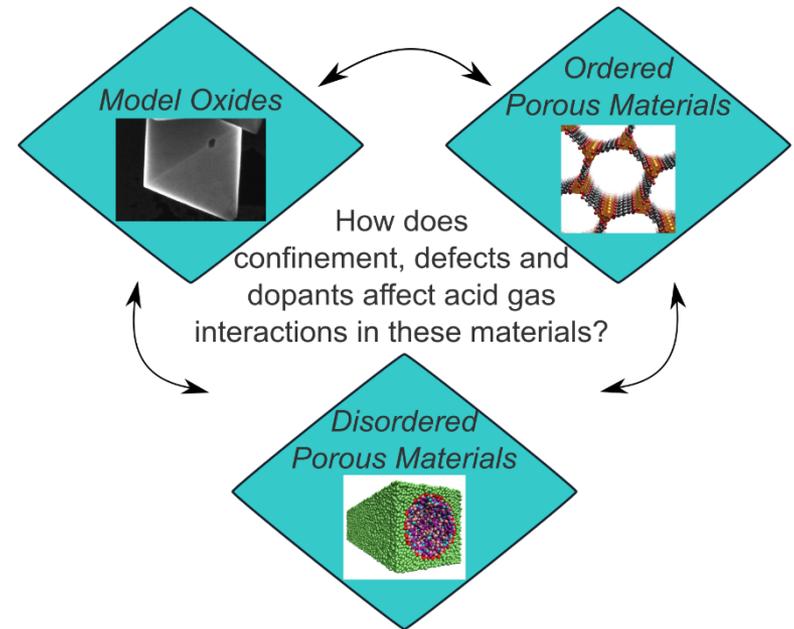


Center for Understanding and Control of Acid Gas-Induced Evolution of Materials for Energy (UNCAGE-ME) Krista Walton (Georgia Tech)

UNCAGE-ME focuses on developing a deep knowledge base in the characterization, prediction, and **control of acid-gas interactions** with a broad class of materials to accelerate **materials development** for large-scale **energy applications**.

<http://efrc.gatech.edu>



RESEARCH PLAN

Degradation effects are often decisive factors in the practical use of materials such as sorbents for carbon capture, acid gas conversion, and natural gas purification. **Our core research model** is to use a variety of **in-situ experimental tools** coupled with **complimentary modeling techniques** to improve the performance of materials in these environments and advance materials discovery.