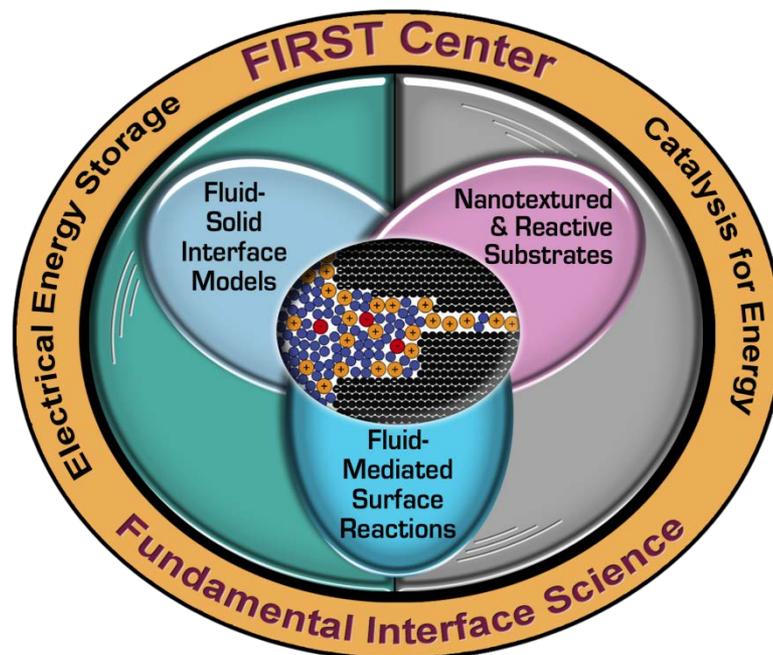


FIRST Center Mission Statement:

We develop fundamental understanding and validated, predictive models of the unique nanoscale environment at fluid-solid interfaces that will enable transformative advances in electrical energy storage and catalysis for energy.



RESEARCH PLAN AND DIRECTIONS

Our team integrates advanced materials synthesis, neutron and X-ray scattering, microscopies, spectroscopies, macroscopic experiments, and multiscale molecular modeling to provide a predictive capability for controlling and designing new interfacial systems for 21st century energy needs.