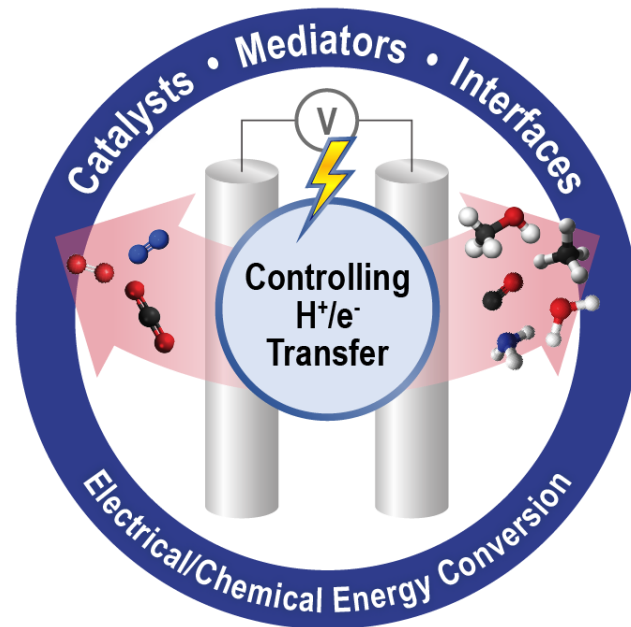


Center for Molecular Electrocatalysis (CME)

Morris Bullock (Pacific Northwest National Laboratory); 2009-2022

MISSION: To establish the fundamental principles needed for efficient interconversion of electrical energy and chemical bonds through precise control of electron and proton transfers.



<https://efrc.pnnl.gov/cme/>

RESEARCH PLAN

We target fundamental discoveries in molecular electrocatalysis and interfacial reactivity to achieve fast, energy-efficient interconversion of electrical and chemical energy. Our approach to the design of electrocatalysts exploits the emerging area of electron-proton transfer mediators and takes a molecular approach to heterogeneous interfaces.