Research Thrust Areas
Solid State, Materials, Physical, and Theoretical Chemistry

**Experiment:**
- Solid-State Materials Chemistry and Physics,
- Physical Chemistry, Inorganic & Structural Chemistry,
- Electrochemistry

**Theory:**
- Statistical Mechanics,
- Quantum Chemistry,
- Electronic Structure,
- Biophysical Chemistry

**Applications**
- Batteries
- LEDs
- Photovoltaics
- Phosphors
- Thin film Devices
- (Mol.) Switches/Sensors