Tough solid electrolyte composites to enable Li metal anodes

- Developing tough solid electrolytes that inhibit dendrites in Li metal anodes
- Three part study:
 - 1. Limitations due to interface resistance in solid electrolyte composites
 - 2. Mechanical properties of moisture-sensitive electrolytes in dry, inert atmospheres
 - 3. Models to optimize composite structure for ionic conductivity and mechanical stiffness

