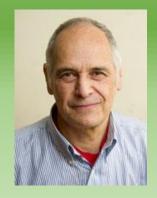
Problem with Li Extraction

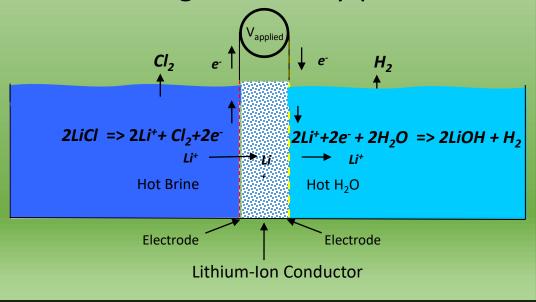
- Evaporation Pools
 - Time, space, contamination
- Added Process Steps
 - Sedimentation
 - Filtration
 - Ion Exchange
- Added Chemicals
 - Flocculants
 - Carbonates
- Product is Lithium Carbonate
 - More processing to LiOH



Dr Richard Pober, Prof. Emeritus, BU



- DLE w/Ceramic Membranes
 - Directly produces LiOH
 - Uses hot brine: Better kinetics
 - Selective for only Li
 - Ceramics don't leak other ions
 - Ceramics don't leak water
 - H₂ & Cl₂ gasses are by-products



Dr Michael Strauss, Pres, HME