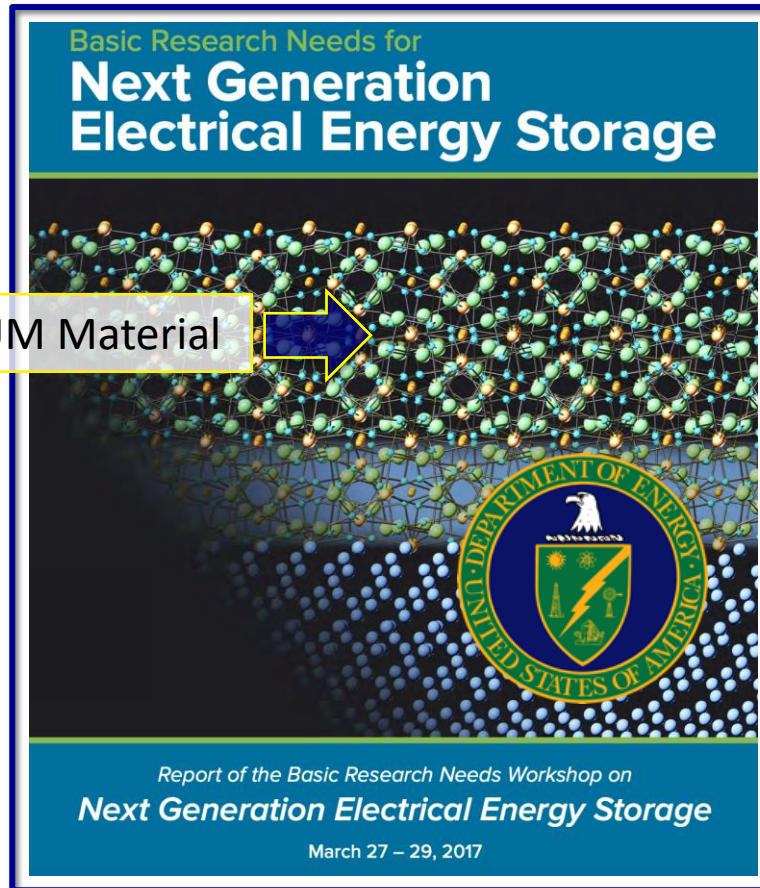


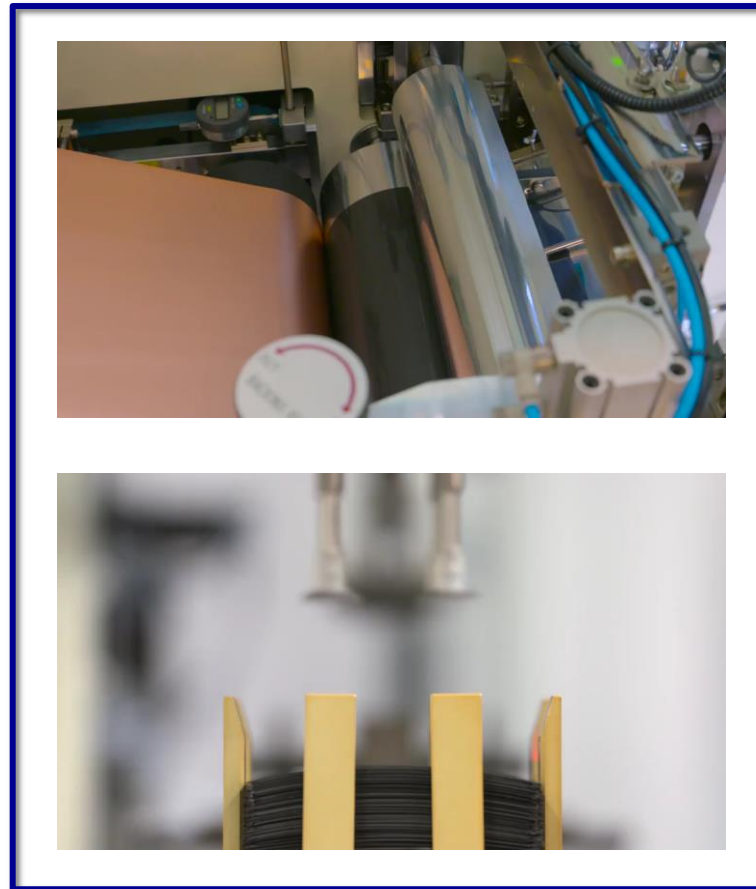
# UM Battery Research, Development, and Commercialization

## Fundamental Battery Research



10 year plan: 5 UM Faculty Contributed

## Applied Battery Research



UM Batt Lab can *make* SOA Batts

## Battery Commercialization

The diagram compares a Li ion battery and a Solid-State Battery (SSB). The Li ion battery has a Cathode, Graphite, and an unlabeled bottom layer. The SSB has a Cathode, LLZO, and Li metal. A red arrow points from the Li ion battery to the SSB. The Zakuro logo is in the top right.

- Zakuro is a UM startup (2020)
- Manifestation of \$10M in R & D
- DOE, MINTS, RCV, MEDC
- 7 employees and growing
- > 25 licensed UM & MSU patents

Universities create new ecosystems