

Some Examples of Indirect* Societal Impact

- **Economic Competitiveness:**
 - Small start-up company wanting to test a new X-ray emission spectrometer that they have developed. The spectrometer concept is not new, but testing will allow the company to improve their products, and the data collected are intended to be published
 - Testing new packaging for improving the safety of well-established Li ion battery technology
- **Education, Outreach, and Workforce Development:**
 - Hands-on XAS workshop at QAS and BMM
 - Proposal for a summer intern project
 - Workforce development in a targeted science community *e.g.*, advanced manufacturing
- **New User Communities:**
 - User group from an area of science new to synchrotron research
 - Experimenter(s) that are experts in non-synchrotron methods that will complement their research by using synchrotron techniques for the first time