The Ontology for Biomedical Investigations has developed, of necessity, a framework for describing investigations, the instruments used in them, types of data acquired, and subsequent data processing that goes beyond biomedical investigations. While there has thus far been limited development towards broadening it to include the representation of images and other sensor readouts and their targets in the world, the framework is well suited to do so. In this talk I will introduce OBI and show how and where it might be extended to address current issues in image and sensor read data, protocol, and provenance.

The Ontology for Biomedical Investigations.

Modeling biomedical experimental processes with OBI