

**Metadata Working Group Breakout Session
BD2K AHM Friday, November 13th 2015**

Co- Chairs: Mark Musen, Maria Giovanni

Initial statement of purpose: The session attempted to get a sense for the kinds of metadata issues confronting participants in the BD2K program, and to develop and finalize a future agenda for the BD2K Metadata Working Group.

Recommended outcomes or activities:

- Developing a charter for the WG that identifies challenges and assists in degree of FAIR-ness.
- Recommend BD2K centers “self-audit” on the FAIR principles:
 - Are the data FAIR?
 - What are the metrics for grading the level of FAIR-ness?
 - What methodologies ensure each of the FAIR principles?
 - What is the path to improve and strengthen FAIR-ness?
- Figuring out how metadata can be included in APIs.
- How do Common Data Elements fit into BD2K?
- Facilitating conversations about metadata entry and barriers (motivation to annotate).
 - Incentivize metadata collection by providing standards.
- Capturing provenance as data change over time.
- Creating an umbrella metadata working group to consolidate efforts.
- Identifying how Biosharing catalog can be leveraged.
- Alignment with the new Standards Coordination Center.
- Coordination of efforts - including software engineering support for tool development -between the Standards Coordination Center and CEDAR is critical.
- Informing centers on bioCADDIE processes for developing metadata standards.
- Further coordination and discussions between the CEDAR and LINCS centers for curating metadata and data retrieval was highly recommended by participants of this working group.

Additional notes:

- The customers for this working group are the BD2K centers, Standards Coordinating Center, and the entire BD2K consortium.