

Panel #1: Partnerships

This panel will focus on the role of collaborations and partnerships between various research sectors, and how facilitating these partnerships can contribute towards improved data sharing.

- Professor Tim Donohue, University of Wisconsin-Madison—director of the Great Lakes Bioenergy Research Center
- Dr. Bert Frohlich, Founder of BioPharm Designs, LLC
- Dr. Eva Huala, Executive Director at Phoenix Bioinformatics
- Mr. Tim Zolandz, CODIS Program Manager at Federal Bureau of Investigation (FBI)

Questions:

- What are some best practices for partnerships?
- How do partners set priorities when there is so much to be done?
- Reaching consensus on data organization seems to require coordination by assay-specific groups that in turn receive guidance from more centralized groups.

Thoughts?

Panel #2: Intersections

This panel will focus on the unique challenges and capabilities of resource and facilities providers—who serve as the primary generators of data but also play critical roles in resource management, storage, curation, and providing access to a diverse user base.

- Professor Prosanta Chakrabarty, Curator of Fishes, Louisiana State University Museum of Natural Science
- Dr. Chris Henry, co-PI of the DOE Systems Biology Knowledgebase, Argonne National Laboratory
- Dr. Kirsten Hofmockel, Chief Science Officer, Environmental Molecular Sciences Laboratory, Pacific Northwest National Laboratory
- Ms. Christine Zardecki, Deputy Director RCSB Protein Data Bank

Questions:

- What types of data should be stored? Are there models for unlimited data storage?
- Older records often are not clearly annotated. Should there be different quality levels set up?
- How long after data collection is completed before data should be shared?
- What are some best practices for managing resources/facilities to enable data sharing?
- What efforts are (or need to be) underway to test, evaluate, and establish business models?

Panel #3: Inclusiveness

This panel will focus on strategies for improving overall data literacy of the community and ensuring a diverse and inclusive workforce.

- Dr. Jake Beal, Senior Scientist, Raytheon BBN Technologies and chair of iGEM's Measurement Committee
- Ms. Sharon Gillett, Chief of Staff and Technical Advisor, Microsoft Research, Northeast
- Dr. Jim Reecy, Associate Vice President for Research, Iowa State University
- Professor Scott Swinton, Department of Agricultural, Food and Resource Economics, Michigan State University

Questions:

- What cultural barriers exist for data sharing?
- What are some best practices for ensuring a diverse, inclusive, and research practitioner pipeline?
- Do you see gaps in expertise, skills, or practice for institutions to execute on open, FAIR data even if resources were fully available?
- What are your thoughts on equitable data sharing and making data and papers published in various languages available globally?