

## **BD2K All Hands Meeting - Commons sessions: Nov 12 - 13** **Natcher Center**

The NIH Commons is an evolving concept and includes a number of diverse activities some of which have been initiated by the ADDs office and some that are being developed in conjunction with other NIH Institutes.

The purpose of the Commons sessions at the BD2K all hands meeting is to provide an overview of the Commons concept and framework, a description of the various Commons pilots currently being developed and the opportunity to discuss all these aspects and share ideas and concerns with NIH staff, other grantees and the FFRDC (Mitre)

Link to the ADDs Office Web site that describes the Commons, its framework and the current pilots. <https://datascience.nih.gov/commons>

There are 4 time slots where the Commons will be discussed at the BD2K all hands meeting

### **Day 1**

1:00 - 2:00    **Presentation:**    *Commons Concept, framework and pilots*  
2:00 - 4:00    **Poster session \*** : *Commons Pilots and Interoperability projects presented, opportunity to exchange ideas with other grantees, NIH staff an FFRDC/MITRE \**

### **Day 2**

10:45 - 12:30    **Breakout out session**    - Cloud Credits Model Pilot  
2:00 - 3:30    **BD2K Program Meeting**    - BD2K centers, MODs, HMP and interoperability Commons Pilots supplements

\* *The Commons Overview document and Abstracts for posters will be available beforehand*

\* *FFRDC/MITRE - MITRE is a Federally Funded Research and Development Center (FFRDC) contractor who will develop the cloud credits model pilot*

## **Day 1- Thursday**

### **Commons Presentation: 1-2pm**

An overview of the current Commons framework and philosophy will be presented along with a brief overview of the various Commons pilots currently underway.

40 mins talk - 20 mins discussion/questions

Presenter: Vivien Bonazzi

**QUESTION & FURTHER DISCUSSION ABOUT THE COMMONS**

Vivien Bonazzi (Commons lead), George Komatsoulis (cloud credits model) and Valentina di Francesco (Commons Supplements) will be available at the poster session to answer additional questions after the main talk.

### **2:00 - 4:00pm Poster Session**

Poster presentations of the various Commons pilots will be grouped into one section. The goal is to foster open discussion about the Commons amongst grantees, FFRDC/MITRE as well as others interested in the Commons.

Abstracts will be shared before the conference and be made available electronically.

Posters will be presented by the following groups:

#### 1. Commons Supplement grantees

- BD2K centers
- MODs
- HMP (Human Microbiome Project)

#### 2. Interoperability Supplements

#### 3. FFRDC/ MITRE - Commons cloud credits model

#### 4. NIH Affiliated Commons Pilot Projects

- NCI Cloud pilots/Genomic Data Commons
- NIAID Microbiome Cloud Pilot

## **Day 2 - Friday**

### **10:45 - 12:30 Breakout session: Commons cloud credit model pilot**

*Moderators George Komatsoulis (NCBI) and Valentina di Francesco (NHGRI)*

- George Komatsoulis to provide a short overview of the cloud credits model and to discuss cloud conformant requirements (related to cloud providers)
- Open discussion/questions about this pilot
- Discussion of test cases for cloud credits model (with MITRE)
- Discussion of metrics needed

## **Day 2 Continued**

## **2:00 - 3:30 BD2K Program Meeting**

### **BD2K Centers, MODs, HMP, Interoperability Commons supplements**

*Moderators: Valentina di Francesco (NHGRI) & Vivien Bonazzi (OD)*

Suggested discussion topics:

1. Further discussions about details of the Commons framework (if needed)
2. How do the grantees see their work fitting into the Commons framework?
3. How could/should this be further developed within the context of the supplements?
4. What digital objects (data sets, APIs) could be used/moved to the cloud Commons as “reference data sets”?
5. What is meant by Digital Object Compliance for the Commons
6. Potential collaborations between groups
  - a. *Several projects propose development of APIs/Web services, others have proposed Cloud-Based services and tools*
7. What is required for indexing of digital objects in the Commons - discussion with bioCADDIE
8. Further discussion of test cases for cloud credits model (if needed)
9. What can be achieved in one year ? Outcome metrics?
10. Working groups/organization and interactions in the coming year