Agenda

Advisory Committee Meeting

Directorate for Biological Sciences

National Science Foundation

Hilton Hotel Room Gallery 1

**Wednesday, April 22**

7:30 AM *Light refreshments outside hotel meeting room*

8:00 AM Introductions and Agenda Review/Logistics; Approval of BIO AC meeting minutes – Kay Gross, Chair, BIO AC

8:30 AM Budget Review (FY15) and Budget Request (FY16) - Jim Olds, Assistant Director, Directorate for Biological Sciences

9:00 AM Updates and Emerging Issues: INFEWS – Alan Tessier

9:30 AM Updates and Emerging Issues: Overview of INCLUDES – Jim Olds

10:15 AM *Break*

10:45 AM Transparency and Accountability – Jane Silverthorne

11:30 AM Reproducibility – Chuck Liarakos

12 NOON *Lunch on your own (list of convenient eateries will be provided)*

1:00 PM Graduate Education – Introduction of NSF’s *Investments in Graduate Education: Five Year Strategic Plan* for comment; formation of AC sub-committee for follow-up? – Chuck Liarakos

2:00 PM Public Access – Jane Silverthorne

2:45 PM *Break*

3:15 PM BioData: setting the stage for meeting with ACCI – Jim Olds

4:00 PM Prepare for meeting with Dr. Cordova

4:30 PM Visit with Dr. France Cordova, Director, National Science Foundation

5:30 PM *Reception at NSF, Room 605 – pick up visitor badge at information desk in NSF lobby*

7:00 PM *Dinner at local restaurant - TBA*

**Thursday April 23**

8:00 AM *Light refreshments outside hotel meeting room.*

8:30 AM *Adjourn to NSF Room 1235 - be sure you have your visitor badge*

9:00 AM Joint session with ACCI

Discussion topics:

1. What would it take for iPlant to “talk” to NEON and what might that mean for the science?
   1. What is iPLANT and what is NEON (i.e., brief overviews of the respective projects and their goals)
   2. What, from a technical/CI perspective, would be required to enable integration?
   3. What are the science drivers? What do scientists want to do, and how does the CI (tools, computational capacity) enable answers to the science questions?
   4. How could the systems be configured to reach out to the “long tail” of small team science?
   5. Where are the opportunities and gaps? What are the priorities?

1. IDigBIO: Aggregating, re-formatting, and federating many small collections? Where is the science?

2.1  What is IDigBIO? Why is it different from other BigData problems?

2.2  What happens (from a scientific perspective) when many collections can be aggregated, for example, in a GIS framework?

2.3 What are the implications for collections management, integration with other kinds of data, the data lifecycle, acquisition of future collections, particularly from small team/single investigator projects? What does that mean for the CI?

2.4  Where are the opportunities/gaps?

12 Noon *Return to hotel meeting room.* *Lunch on your own*

1:00 PM Wrap-up.

Visioning the Biological Sciences – Kay Gross

Formation of working groups

Goals for the next meeting

Schedule next meeting

2:00 PM *Adjourn*