Agenda

Advisory Committee Meeting

Directorate for Biological Sciences

September 28-29, 2015

National Science Foundation

Room 1235

**Monday, September 28**

8:00 AM *Light refreshments*

8:30 AM Introductions and Agenda Review/Logistics; Approval of BIO AC meeting minutes – Kay Gross, Chair, BIO AC

8:45 AM Five minute updates:

Public access (summary provided) – Melissa Cragin

INFEWS – Paula Mabee, DD, DEB

Reproducibility – Jim Olds

9:00 AM *Understanding the Rules of Life* - Jim Olds, Assistant Director, Directorate for Biological Science

Discussion: Implementing the URoL vision

10:00 AM *Break*

10:30 AM NEON community engagement – Kay Gross and Jim Olds

11:00 AM Discussion: *Big Data and Research Directions (Background document will be provided)*

How are large data generating facilities such NEON, iDigBio and the planned BRAIN Observatory, large and diverse data collections, cross-disciplinary funding initiatives such as INFEWS, and multidisciplinary collaborative research teams changing the practice of biological research and the future of biological science? What can BIO do to promote (and support) these evolving opportunities?

12:00 PM *Lunch & breakout sessions (Rooms 1235, 680 and 687): BIO AC and BIO Senior Managers*

* *NSF Investments in Graduate Education: Five Year Strategic Plan (will be provided if possible)*
  + *What are we doing and is it effective*
  + *Does this promote diversity in biology graduate education*
* *NSF investments in postdoctoral training*
  + *What are we doing and is it effective*
  + *Does this promote diversity in the scientific workforce*
* *Big Data and Graduate/Postdoctoral Education*
  + *What are opportunities for collaborating with other agencies and organization?*

2:00 PM Breakout session reports and general discussion

3:00 PM Break

3:30 PM Prepare for Director’s visit

4:00 PM Visit with Dr. France Cordova, Director, NSF

5:00 PM *Adjourn for the day.*

5:30 PM *Reception at NSF, Room 605*

7:00 PM *Dinner at Grand Cru*

**Tuesday Sept 29**

8:30 AM *Light refreshments*

9:00 AM DEB COV Report and BIO Response – Paul Turner, BIO AC

9:30 AM The role of the Division of Biological Infrastructure (DBI) in enabling the changing practice of biological research and education. - Jim Deshler and Anne Maglia

10:30 AM *Break*

11:00 AM Open discussion time: BIO AC and BIO Staff

12:00 Noon *Lunch on your own*

1:00 PM Wrap-up.

Schedule next meeting

2:00 PM *Adjourn*