

## Agenda

Advisory Committee Meeting  
 Directorate for Biological Sciences  
**Room 2210/2220**  
 National Science Foundation

### September 19, 2019

- 9:00 AM**      **Introductions and Agenda Review/Logistics; Approval of BIO AC Meeting Minutes** Dr. Carla Cáceres, Chair, BIO AC
- 9:15 AM**      **BIO Update** - Dr. Joanne Tornow, Assistant Director, BIO Directorate
- 10:00 AM**      **Programmatic Briefing**
- NSF's Understanding the Rules of Life: Epigenetics (*Dr. Simon Malcomber, DEB*)
  - NSF's Understanding the Rules of Life: Building a Synthetic Cell (*Dr. Charles Cunningham, MCB*)
  - BIO's Rules of Life Track (*Dr. Karen Cone, MCB*)
  - BIO's Reintegrating Biology activities (*Dr. Simon Malcomber, DEB*)
- Discussion: Opportunities and challenges for reintegrating across the sub-disciplines of biology (*Dr. Michael Ibba, The Ohio State University*)
- 11:00 AM**      **BREAK**
- 11:15 AM**      **BIO AC – NSF ACCI Joint Session**
- **NSF Staff Committee Brief** – (*Dr. Amy Friedlander, NSF/CISE/OAC*)
  - **BIO AC provides comments on framing questions** – (*Drs. Thomas Daniel, University of Washington & Paul Turner, Yale University*)
  - **Discussion**
  - **Next Steps** (*Dr. Cáceres BIO AC & Dr. Gwen Jacobs, University of Hawai'i, ACCI Chair*)
- 12:45 PM**      **Lunch – On Your Own**
- 1:30 PM**      **DEB Committee of Visitor Report** – (*Dr. Lucinda McDade, Claremont Graduate University*)
- 1:45 PM**      **Partnerships**
- BIO's Partnership Landscape (*Dr. Nancy Sung, NSF/BIO/OAD*)
  - Case Study: Ecology and Evolution of Infectious Diseases (*Dr. Samuel Scheiner, NSF/BIO/DEB*)
  - Case Study: Basic Research to Enable Agricultural Development (BREAD) (*Dr. Michele Elekonich, NSF/BIO/IOS*)
  - Discussion (*Dr. Maria Pellegrini, Keck Foundation*)
- 2:45 PM**      **BREAK**
- 3:00 PM**      **OISE Briefing on Foreign Relations – Science and Security** – (*Dr. Rebecca L. Keiser, NSF/OD/OISE*)
- 3:30 PM**      **CEOSE June Meeting Update** – (*Dr. Suzanne Barbour, University North Carolina at Chapel Hill*)

- 3:45 PM**      **Reflection of the Day's Discussion and Initial Planning for Director's Visit**
- 4:00 PM**      **Adjourn for the Day**

## **September 20, 2019**

**9:00 AM**      **NEON Community Engagement**

- Update the AC on NEON transition to operations & NEON competition – *(Dr. Patricia Soranno, NSF/BIO/DBI)*
- Update the AC with respect to NEON science – *(Dr. Stephanie Hampton, NSF/BIO/DEB)*
  - NEON user panel:
    - **Dr. Michael Dietze**, Boston University
    - **Dr. Kyla Dahlin**, Michigan State University
    - **Dr. Naupaka Zimmerman**, University of San Francisco
    - **Dr. Jennifer Balch**, University of Colorado-Boulder
  - Q&A, discussion with NEON users – *(Dr. Diane Pataki, University of Utah)*

**10:15 AM**      **Preparation for Director's Visit** – *(Dr. Carla Cáceres, Chair, BIO AC)*

**10:45 AM**      **BREAK**

**11:00 AM**      **Director's Visit** – *Dr. France A. Córdova, Director; Dr. Fleming Crim, Chief Operating Officer; Brian Stone, Chief of Staff – National Science Foundation*

**12:00 PM**      **Future Planning: Interests of the AC & BIO** *(Dr. Cáceres & Dr. Tornow)*

- Wrap-up, action items, and other business as needed

**12:30 PM**      **Adjourn**