**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**