**BIO AC Meeting Agenda**

**December 15 and 16, 2011**

**NSF Room 1235**

**Thursday, December 15**

*7:30 AM Morning Light Refreshments*

8:00 AM Welcome - Dr. Jose Onuchic, Chair, BIO AC

Introductions: Bio AC Members, NSF Staff and Guests

8:15 AM Welcoming Remarks – Dr. John Wingfield, Assistant Director, Directorate for Biological Sciences

8:30 AM Approval of minutes from March 2011 Bio AC meeting – Dr. Jose Onuchic

Approval of MCB COV report (15 min.) – Dr. James Siedow

Approval of IOS COV report (15 min.) – Dr. David Stern

9:00 AM Questions /discussion of updates provided in advance (60 min.):

NEON (status report)

DEB/IOS to annual pre-proposal/full proposal submission (summary and links to DEB and IOS solicitations, FAQs and Webinars)

10:00 AM *Break*

10:30 AMAIBS Update – Robert Gropp, Director, Public Policy Office, AIBS

10:45 AMVision for the Biology Directorate – Dr. John Wingfield

11:00 AM Prepare for meeting with Dr. Suresh: *Discussion – Role of the BIO AC; NSF Communications*

12 Noon *Lunch*

Discussion with Dr. Subra Suresh, Director, National Science Foundation

1:30 PM Science Presentations: *Fundamental Research for the Bio-economy*

*Dr. Jacob Schmidt, UCLA Dept. of Bioengineering – recipient of BIO’s first I-Corps award*

*Dr. Barry Bruce, Dept. of Biochemistry, Cellular and Molecular Biology, University of Tennessee, Knoxville – Applied Photosynthesis*

*Dr. Lou Burnett, Dept. of Biology, College of Charleston; Director, Grice Marine Laboratory - “Shrimp on a Treadmill”*

*Dr. Margaret Palmer, Dept. of Entomology, Univ. of Maryland; Director, National Socio- Environmental Synthesis Center (SESYNC) – sustainability of socio-environmental systems*

3:30 PM *Break*

4:00 PM General discussion – *the Bio-economy*

5:00 PM Presentation of certificates of appreciation – Dr. John Wingfield

5:15 PM Adjourn for the day. Reception in BIO AD Office (Room 605)

6:30 PM Dinner at Grand Cru Restaurant

**Friday, December 16**

8:30 AM Morning light refreshments

9:00 AM NSF Merit Review Process Working Group – Drs. Steve Meacham and Candice Major, Co-Chairs

9:30 AM National Science Board Task Force: Revised NSF Merit Review Criteria – Dr. Joanne Tornow

10:00 AM *Break*

10:30 AM The Biology Education Pipeline:

Undergrad - Dr. David Asai, HHMI

Graduate – Drs. Mike Donoghue and David Stern

12:00 PM Adjourn