AGENDA
Partnerships:  
a Workshop on Collaborations between the NSF/MPS and Private Foundations  
Thursday, May 28, 2015 – Friday, May 29, 2015

Location:
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22030
Room 375 (unless otherwise noted)

Thursday, May 28, 2015
(The schedule will remain flexible: the Steering Committee will meet at the end of the first day and may trim some sessions and add another to enable a deeper discussion of some point or example that has arisen in the discussions.)

10:30-10:40am Introduction and remarks by NSF Leadership  
Fleming Crim, National Science Foundation

10:40-11:20am Self-Introductions: Each participant will be asked to speak for up to 1 minute on his or her professional goals for the next year, particularly as they relate to Foundation and NSF projects.

11:20am-12:05pm Plenary session: a talk about why partnerships are important, the potential benefits or risks involved and the differences between the mission of NSF in supporting basic research in the national interest and the missions of Foundations and non-profits, which reflect the priorities of their founders or their scientific boards.  
Cynthia Atherton, Heising-Simons Foundation

12:05-1:15pm Working lunch: Participants sit together over lunch in groups of 8, by scientific discipline, to discuss the special needs/requirements of their discipline as they relate to NSF/Foundation partnerships.

1:15-2:30pm 10-minute presentations of the examples from the small lunch groups. (5 minute presentation + 5 minute discussion?)

2:30-4:00pm Panel discussions of 3 prepared case studies, emphasizing explicit partnerships and what each side gains.

- Large Synoptic Survey Telescope (LSST): Tony Tyson, LSST and Susan Hutchison, Simonyi Foundation
- Basic Research to Enable Agricultural Development (BREAD): Jane Silverthorne, National Science Foundation
• Nanoelectronics for 2020 and Beyond: *Paulette Clancy, Cornell University and Celia Merzbacher, Semiconductor Research Corporation*

20 minutes each, with discussion afterwards about motivations, pros, cons, reflections, would you have done anything differently, etc.; 30 minute over-all facilitated discussion to distill overarching take-away message, different models.

4:00-4:30pm Break

4:30-5:00pm Case studies emphasizing intentional targeting of different areas and joint running of an Ideas Lab  
**Andrew Millis, Simons Foundation**  
**Michael Vogelius, Division of Mathematical Sciences, NSF**  
**Sung Poblete, Stand Up to Cancer**  
**Denise Caldwell, Division of Physics, NSF**

5:00-6:00pm Writing session; and input to steering committee discussion. The group will split in three, according to participants focus on different types of projects. Rooms 310, 390, 375.

a) Room 310: participants interested in single investigator or small-group projects.  
b) Room 375: participants interested in medium-large group projects  
c) Room 390: participants interested in projects involving construction of facilities.

• Strengths and weaknesses of current models? What could be improved? What new models should we think about?  
• Starting and continuing fields? What’s appropriate for a new field as opposed to a continuing field? The arc of field development (sub-micron center at Cornell; Quantum computing).  
• Further topics suggested by the participants.

6:00pm Adjourn

7:00pm Dinner in small groups at local restaurants; Steering Committee dines together to consider progress made, and possible modifications in the Friday agenda.

**Friday, May 29, 2015  
Breakfast on your own**
9:00-9:15am  Overview of themes from Thursday, presented by one of the Steering Committee members

9:00-9:30am  Report back from 5pm break-out sessions.

9:45-11:00am  Panel Discussion on logistics: What logistical barriers must be overcome, and what are creative ways to address them?
Jean Feldman, Sandra Scholar, Erin Dawson, Karen Santoro
National Science Foundation

11:00-11:20am  Break

11:20am-12:15pm  Break-out groups, to be announced Friday morning. Rooms 310, 390, 375.

12:15-1:30pm  Lunch discussion: topic to be chosen.

1:30-2:30pm  Sector break-out groups report back

2:30-3:00pm  Synthesize/closing remarks
Tom Everhart, Cal Tech

3:00pm  Adjourn