



Recommendations of Recent Advisory Committee Meetings: Review and Responses

Spring 2014
ENG Advisory Committee Meeting

Sohi Rastegar
Assisted by:
Deborah Young



Overview of ENG AdCom Advice FY 2012- FY2013

- Engineering Education
- CAREER program
- International Collaboration
- Public Access to Research





Engineering Education

- **AdCom**: Strategically focus as a change agent. AdCom would like to revisit MOOCs topic at a later meeting.

Actions Update:

- NSF is working under a new framework for UG education:

Improving Undergraduate STEM Education (IUSE)

- ENG is thinking strategically about the Professional Formation of Engineering (PFE) framework.
- More details on IUSE and ENG thinking will be presented during this meeting.
- MOOCs - Series of workshops led by EHR and ENG. ENG examining possibilities and limitations for underrepresented groups and veterans.





CAREER Program

- AdCom: very interested in future directions for CAREER and support for junior faculty.

Action Update:

- CAREER Coordinating Committee is in discussions with the NSF Assistant Directors.
- Challenge to achieve consensus across NSF.
- ENG has increased the minimum award size of CAREER.





International Collaboration

- AdCom: Consider cutting back on the importance placed on international activities.

Action Update: NSF is actively working on a Foundation level unified Strategic Framework for International activities with three main drivers:

1. Cultivating a globally engaged science and engineering workforce;
2. Leveraging NSF investments through world class partnerships;
3. Building innovation capacity through global leadership.

ENG AD is co-lead with BIO AD for the International Strategic Framework.



PUBLIC ACCESS TO RESEARCH



- AdCom: seek a simple solution for sharing (explore Google Scholar); NSF should define useful and non-useful data.

Action Update:

- A plan for public access has been submitted by NSF to OSTP and is awaiting a response.





Summary

- We plan to provide regular explicit update on any consensus recommendation from the Advisory Committee.
- We welcome your suggestions for maximizing the effectiveness of your engagement.

***We sincerely appreciate your advice and
thank you for your service on
the ENG Advisory Committee!***

