

CCC Council Meeting

September 20, 2016

Attending: Ann, Beth, Helen, Khari, Peter, Debra, Liz, Ben, Lorenzo, Shewtak, Greg, Sampath, Vasant, Mark, Dan

Review the Predictability Proposal

- Six council member reviews
- Overall pretty positive reviews
- Think we should fund this
- Should have more industry involvement
 - Meaning to two approaches in computer science
- Are these guys going to be able to lead this workshop? Are they going to be inviting people who will actually show up?
- Beth- worried about senior leadership
 - Could add Luis, or Amer Duran (Google)
- Summary
 - Generally positive reviews
 - There is some concern about maturing leadership plan
 - Could express that there is a lot of positive reviews, but let them fix a few things and run that by Exec

NSF Implementation Plan

- Quick blessing from NSF

Transition Papers - 2 page drafts of key points are [here](#). Overall list / status is [here](#).

- Four 2-pagers that we have
 - Computing Biology- Using engineering to improve biology, ways to improve biology to improve health outcomes, decided not to touch on big data, accelerating what is going on now dramatically
 - Question- unclear about the synthetic biology definition, need to be better described
 - Remove "transition paper" and just call it a paper
 - Challenges to Keeping Computing Industry Centered in the US- multipronged approached to disruption
 - Concern- DARPA, NSF, DOE already know this, so what else is it going to bring, trying to communicate it to the high level communicators
 - Wireless initiative
 - Research can take place, multiagency and industry academic
 - Democratizing Design for Future Computing Platforms- Open source software allows people to build and start companies, could have an effort from the government to create open source design tools
 - Concern-Don't see the role open source would help in that context, open source is an industry creature they need a different angle
 - Transforming Aging- Need help from Maja, Shewtak, Greg, SiFi meets aging, cyber aging
 - FDA plays a major role in medical devices, Federal government is a huge healthcare provider, can be an early healthcare provider
 - FDA doesn't have a model to approve of things that are more hardware than software.

Prep for November Council Meeting

- We will send out information soon
- No agenda visits
- Just plan for Wednesday night dinner and Thursday meeting
- Tom Kalil will plan to attend