

CEE Broadening Participation and Workforce Development  
5/12/2020 Call Notes

Participants: Linda Akli, Jay Alameda, Marques Bland, Kate Cahill, Rosalia Gomez, Susan Mehringer, Aaron Weeden

The agenda and discussion:

1. NSF Panel Review Preparation - Linda
  - a. Annual Report is now in the hands of the Program Managers. Kate identified an update to the # of computational science programs. Linda submitted to Leslie for correction.
  - b. PY10 Plan – submitting a PCR to correct the PY10 targets for sustained URM users. The target is annual and should be quarterly. It was increased for PY10 before the final annual numbers collected for the PY9 annual report. Being worked by Leslie, Linda, Kelly, and Lorna
  - c. PY11 Supplement Proposal – 20% or less requirement coupled with projected unspent funds in PY9 formed the basis for the budgeting. Some areas eliminating travel or participant support or other ODCs don't work. The EMPOWER program pays stipends to students and this budget will not be unspent. Ron Payne is to talk with Bob Panoff. Similarly there are stipends to Champions Fellows, some registration fees for PEARC20, software licenses.
2. Conferences
  - a. PEARC20 – Dave Hart is proposing to move student activities, champion fellows' presentations, and ACSC to a special community day to prevent the agenda from becoming 8 hours a day zoom fest. Linda no longer sees value of co-location or the benefit of doing student presentations virtually, especially outside of the main program. Faculty workshop is already being planned for the week preceding PEARC20 to allow faculty to fully participate in the conference.
  - b. TAPIA – announced going virtual
  - c. GHC – announced going virtual
  - d. SACNAS – later in the fall but expecting it to go virtual
  - e. SC20 – to be determined
  - f. ERN21 – announced February 25-27, 2021 (most likely of the 4 BP focused student conferences to be in-person)
  - g. Need to watch deadlines and information on registration, student scholarships et al even with the reduced registration costs.
3. Communications -
  - a. CSULA is the main story currently in development. Awaiting data analysis from John Holly.
  - b. Announcements, Reminders, & News Stories – Valerie is coordinating with Rosie on ACSC & C4C announcements as the deadline for ACSC approaches.
  - c. Mailing List Management cleanup is still in progress
4. Training Events and Workshops Updates
  - a. CSUSB Webinar – small group attending a 90 minute New User Training for Educators. It is targeted just to information needed for education allocations. This is similar to the approach for New User Training for Students that is targeted and eliminates information that doesn't apply to them since they cannot request an

allocation. Student training focuses on the practical skills they need such as using the XSEDE Portal to submit jobs and Globus to move files.

- b. Computational Chemistry for Educators – Large volume of applications. Using the XUP for registration. Those accepted will also be asked to register at the NCSI where survey and other activities occur. In-person targets are 20 to 25. Online targets are 60 participants.
- c. Parallel Programming and Distributed Computing Curriculum – Cancelled as stated in prior notes. Expect start work on the working group in the fall.
- d. Monthly HPC Series – Susan and Tom are still working on their short report on the differences between site delivery and the desktop delivery. Anticipated completion by the end of May.
- e. Cornell is presenting a new high level 60 minute Python online training class. 30 minute high level presentation with pointers to materials by Chris and Steve Lance as the moderator. The second 30 minutes segment will be Q&A. Scheduled for the end of May. A good way to provide introduction and promote training materials.
- f. International HPC Summer School – 75% of students wanted to defer to attend in-person in 2021 and the other 25% willing to attend virtually but preferred in-person in 2021. Planning on providing resources, checking in October to identify how many of the accepted and wait-listed students will attend in 2021 to determine whether promotion for more students will be necessary.
- g. Advanced Computing for Social Change Faculty Curriculum Development – Draft agenda is in circulation for review by faculty and ACSC team members. Expect invitations to be sent by the end of the week. One adjustment is the stipend will be \$500 plus the PEARC20 registration fee if the participant chooses to also attend PEARC20.
- h. Advanced Computing for Social Change Student Workshop – Agenda is in discussion. Linda expressed concern about Zoom-fatigue, students needing to work due to financial impacts of COVID-19, and the value or lack thereof from co-locating with PEARC20, and the virtualization impact on the workshop desired outcomes. Jay also concerned about Zoom-fatigue and the amount of work to convert to virtual format. Will be discussed at the committee call on Monday 5/18.
- i. New request – University of Illinois EAGER to provide data science training to HS students in Chicago to develop pipeline. PI is Ruby Mendenhall. Will need to adapt the training from CSULA and ACSC.