Welcome!

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Welcome

• **60 participants** from 32 institutions in 19 states
• Special welcome to international travellers
  – NIH Nat’l Inst. of Allergy and Infectious Diseases, African Centers of Excellence in Bioinformatics
  Students from Mali (2) & Uganda (3); NIH staff (2)
  – CSIRO, Australia’s national science organization
• School staff: 4 institutions (UW, UNL, USC, PSU)
• Remote participants!
• You need large-scale, HTC-style computing — for your research, for research you support, for your students

• Don’t let computing be a barrier to research!
  – Computing is cheap and plentiful
  – Push the limits of what you can do
  – If you run out of science, *transcend the boundaries of your science*
  – When computing becomes a barrier, push us to fix the problems

• Week’s goal: Get your work (or what you help) running!

• Help and encourage others — this week and beyond
Outline of the Week

- **Monday** – Intro to HTC, HTCondor, setting goals
- **Tuesday** – Intro to OSPool, debugging, software
- **Wednesday** – Data, Showcase pt.1; PM free!
- **Thursday** – Scaling up, workflows, *opt*: GPUs etc.
  - Meals on your own this day!
- **Friday** – 2 opt. topics, photo, Showcase pt.2, lightning talks, philosophy, final tips
  - Breakfast on your own
  - Closing dinner at Union South
Curriculum Notes

• Lots of hands-on time — you learn by doing!
• By mid-week, start applying to your own work
• Optional evenings (MTWR): exercises / your work
• Trying to meet with most of you individually
• Lightning talks Friday, or write short essay after
Practical Things

- Building tips (food; water, restrooms)
- Health guidelines
- Remote participants (and Ian Ross, staff)
- Tell us how we are doing! What can we do better?
- Conduct: https://osg-htc.org/code-of-conduct
- Staff introductions
Support

We thank NSF for supporting this event and you!

OAC-2030508: 
Partnership to Advance Throughput Computing (PATh)

NIH/NIAID/others: Supporting the ACE students