



Welcome!

Tim Cartwright

University of Wisconsin–Madison

OSG School Director

OSG Deputy Executive Director

OSG Campus Coordinator



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!



Why Are You Here?



- 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