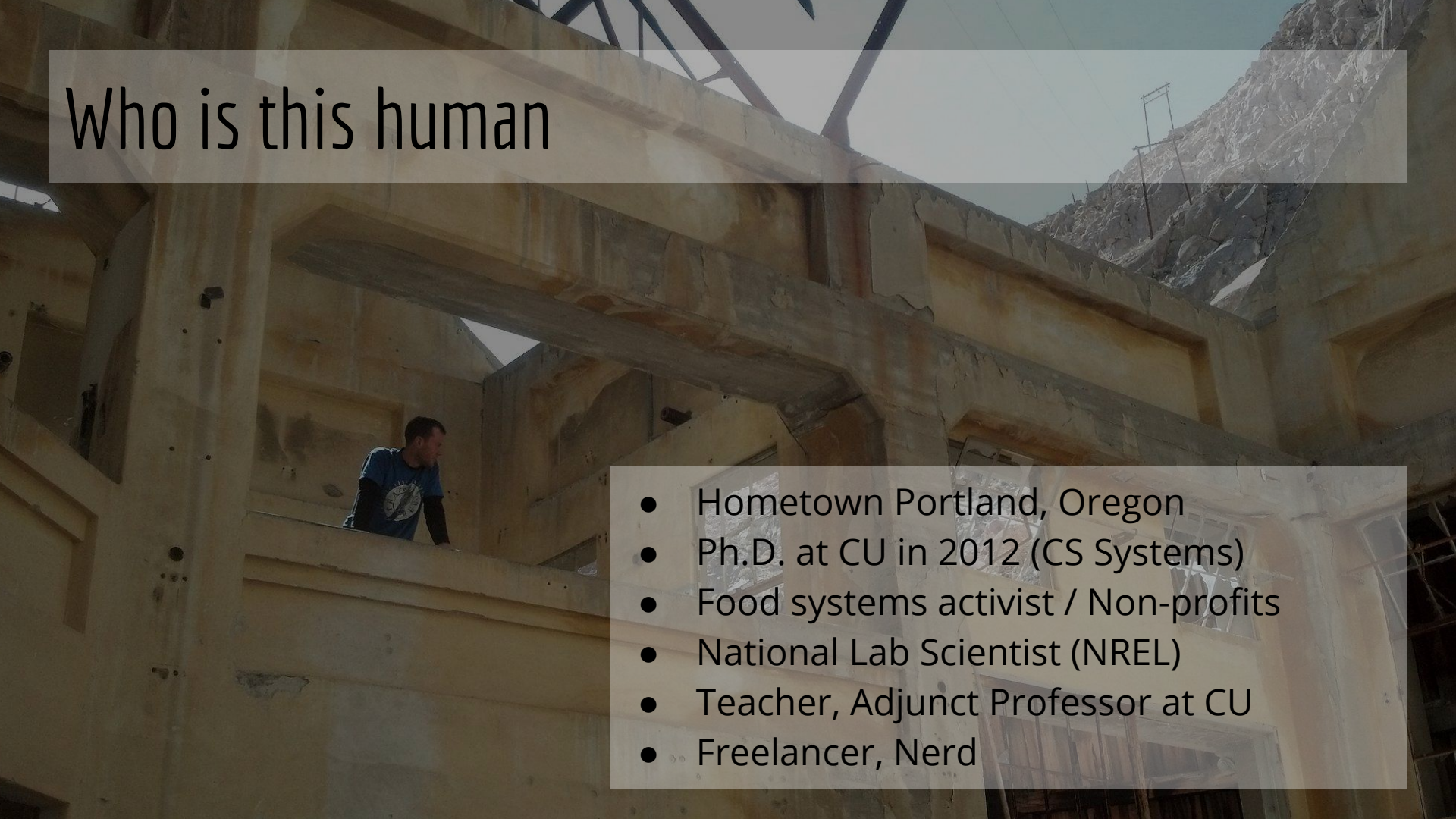
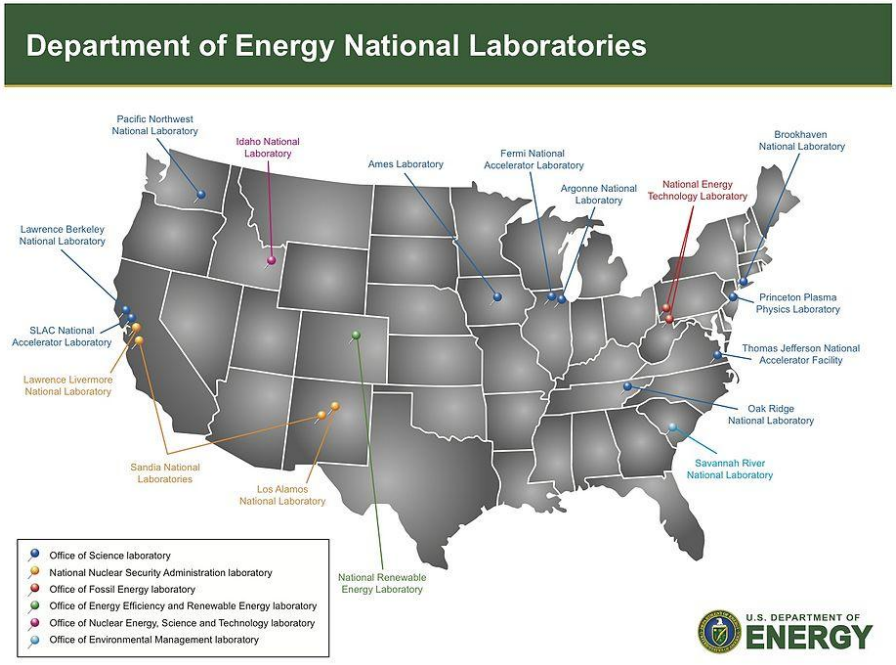
Who is this human



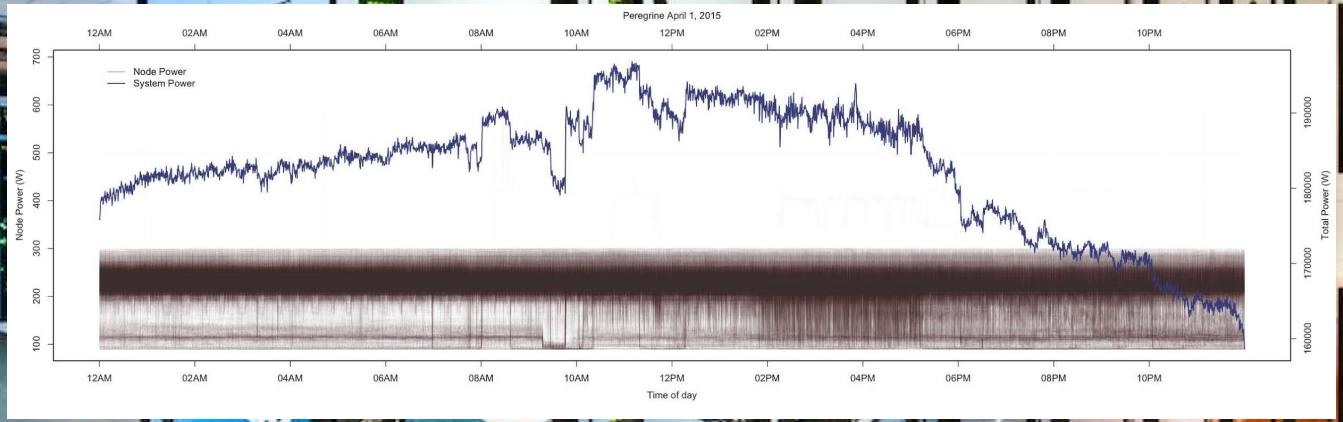
- Hometown Portland, Oregon
- Ph.D. at CU in 2012 (CS Systems)
- Food systems activist / Non-profits
- National Lab Scientist (NREL)
- Teacher, Adjunct Professor at CU
- Freelancer, Nerd

Doing Data Science for the Man

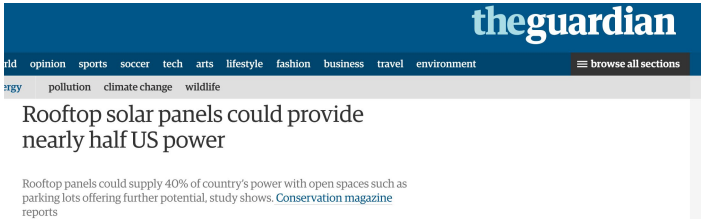


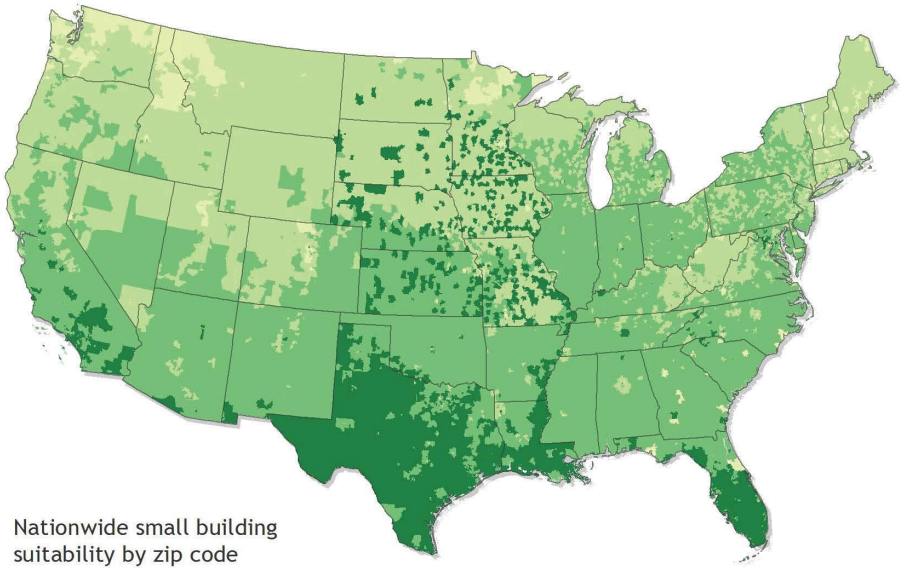
- Wind
- PV Materials
- SEA(C)
- Biomass
- ESI/Grid
- Transportation

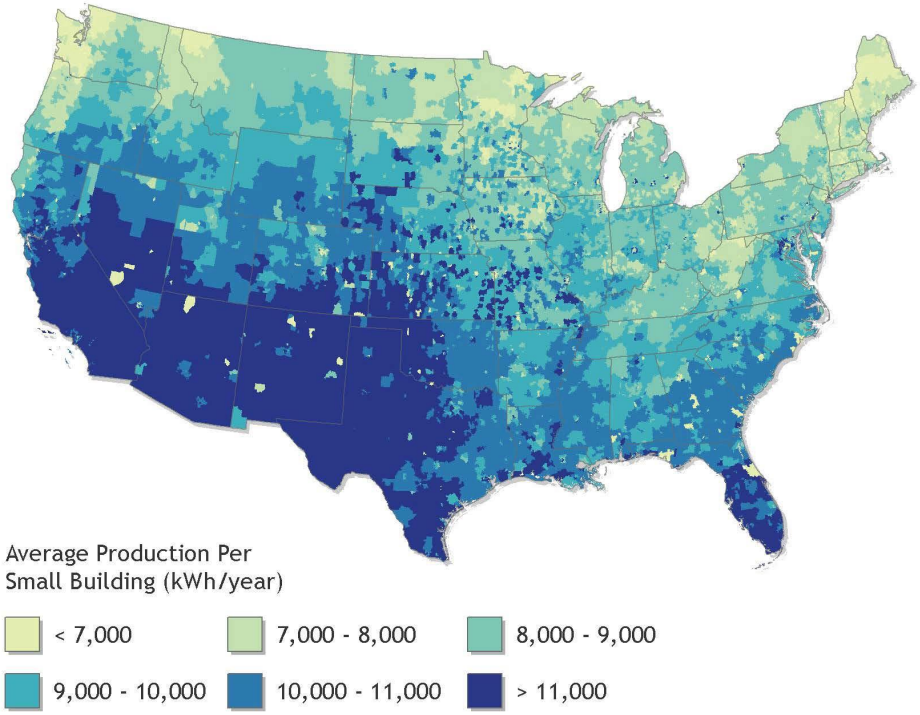
Understanding Super Computer Energy Use



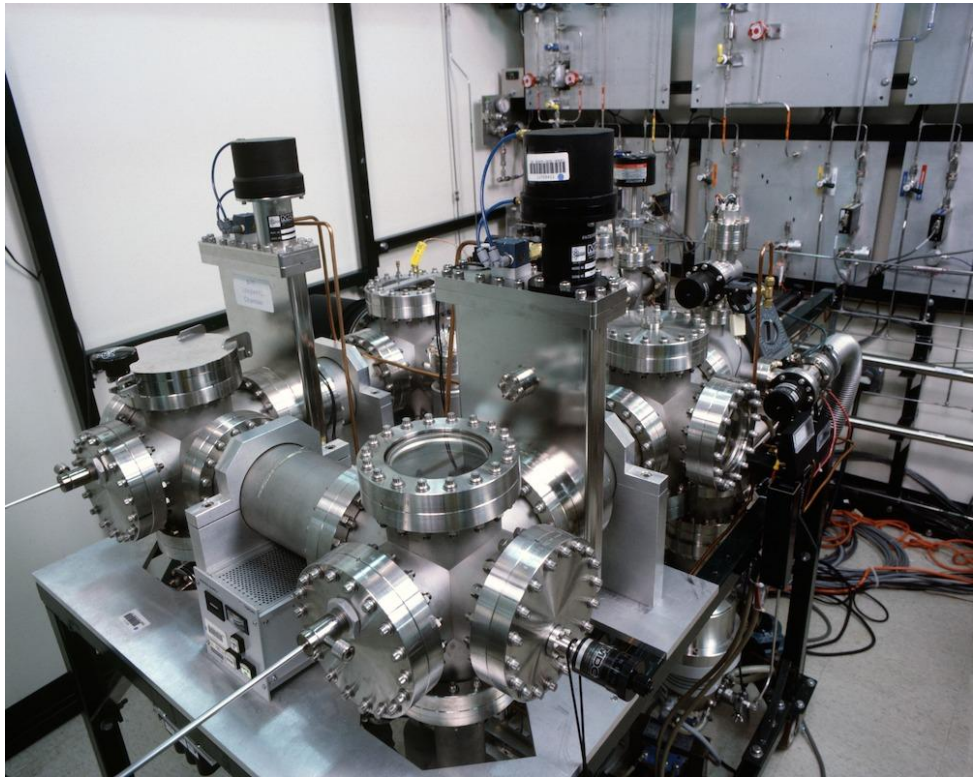
Rooftop Photovoltaic Potential

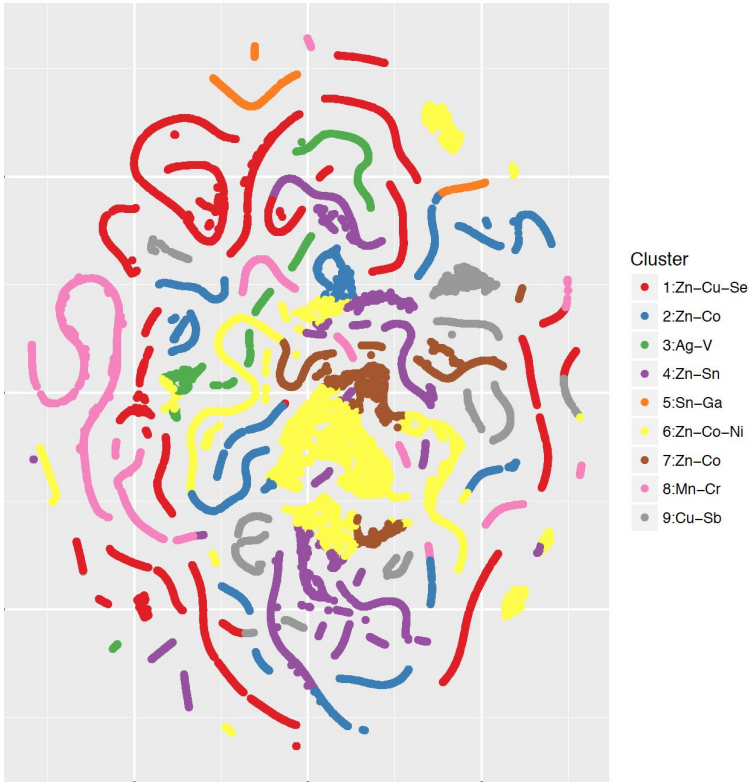






High Throughput Materials for Photovoltaics





Thanks

caleb.phillips@nrel.gov

You can work for the man, too!
Grad students: DOE CSGF
Undergrads: DOE SULI