

Year 1 of PD Workshop: 2017-2018

Date	Content	Local Expert	High Leverage Teaching Practice	Social Justice Connection
Oct.	Bioengineering note: it's Ada Lovelace Day on October 10 th http://findingada.com/	Susan DeLong, Assist Professor Dept. Civil & Environmental Engineering (microbiology - waste removal, land reclamation engineering)	Group Work (purposeful grouping, managing groups, ensuring all students have the opportunity to participate)	Gender inclusivity
Nov.	Climate change/ Modeling http://simpleserioussolvable.org/	Scott Denning, Professor Dept. Atmospheric Science (toy models, communicating climate change)	Modeling practices (reading graphs and making evidenced-based claims about climate change)	Geography rural/urban
Feb.	Environmental Citizen Science www.citsci.org www.ebird.org	Greg Newman, Research Assist Professor Dept. Ecosystem Science & Sustainability (citizen science expert, manager of citsci.org platform) Paul Ode, Professor Dept of Bioagricultural Science/ Pest Mgmt (evolutionary ecologist)	Diagnosing patterns of student thinking in subject matter domain	local knowledge (vs. academic knowledge) Global connections Local connections
Apr.	Watershed Science https://water.usgs.gov/wsc/map_index.html	Sara Rathburn, Professor Dept. Geoscience (watershed science, flooding)	Learning about students' personal lives and experiences	Economic diversity