

Connor Flynn



Mentor 1: Trey White - Oak Ridge National Laboratory

Home Institution: Chaminade University

Target Course: Bayesian Stats, Geocomputation

Target Course Number: DS 400, DS 422

Anticipated Enrollment: 15, 20

Science Gateways Resource Needs/Questions:

- R Software download vs Cloud Computing?
- How to Github classroom effectively?
- How to introduce ENV students to science gateways? low-barrier

Project Goals: *gateways italicized*

- Science Gateway Goal 1: Utilize *Github* Classroom while still building students professional portfolios
- Introduce larger datasets to Bayesian Stats & Geocomputation
 - Bayesian Applications in Climate Modeling
- Science Gateway Goal 2: Understand the most efficient ways to work with satellite data (API's, packages, etc?)
 - *The Earth Observing System Data and Information System (EOSDIS) Gateway*
- Science Gateway Goal 3: Utilize *JetStream* virtual machines in class