Preparing to Teach

2019

Logistics

‣ Slack: http://bit.ly/ptt-slack

‣ Materials: http://bit.ly/ptt-repo

Time	Event
8:15-9	Welcome and introductions
9-10:15	Session 1: GAISE recommendations, and teaching-focused career opportunities
10:15	10:30 - Break
10:30	11:30 - Session 2: Education research and opportunities for grants
11:30	1 - Lunch / Roundtable
1 - 2	Session 3: Teaching intro stats and assessing learning
2 - 3	Session 4: Teaching intro data science and assessing learning
3 - 3:15	Break
3:15 - 3:45	Session 5: Mentoring undergraduate researchers
3:45 - 4	Wrap up and moving forward

Introductions

‣ Name

‣ Affiliation

‣ Where are you in your career?

‣ One characteristic of your most / least favorite teacher.

Lunchtime Roundtables

‣ Preparing a statement of teaching philosophy and plan for intellectual development

‣ Preparing for a teaching-focused job search

‣ Best practices for teaching introductory statistics and data science=

‣ *Ideas for any others?*

   ‣ **Lunch ideas thread on Slack:** *If you have ideas for other roundtables, add them to the thread here. And if you like someone else's idea,*

One characteristic of your most / least favorite teacher

👍 Organized
👍 Intentional humor
👍 Wants students to succeed
👍 Industry experience
👍 Engagement
👍 Confidence in material but also willingness to acknowledge mistakes
👍 Encouraging to hard workers
👍 Inclusivity front and center, including datasets used in examples
👍 Enthusiasm and passion
👍 Chalk and board
👍 Lots of assignments, but also lots of support / office hours
👍 Ability to read the room and sense where confusion might arise
👍 Ability to explain the same thing in multiple ways without being condescending
👍 A teacher that wants to teach
👍 Noting "good question" to students & encouraging them to ask more
👍 Storytelling
👍 Knowing when students need a little kick "you can do it" vs. when they need to hear "it's ok"
👍 Taking undergrad research seriously

👎 Kept going over time
👎 Repeated textbook verbatim
👎 Too unstructured
👎 Unwillingness to admit mistakes
👎 "This is trivial" and skipping steps / going too fast
👎 Talking *at* the students
👎 Not recognizing other perspectives