CODING vs. CLICKING

CLASHES AND COMPROMISES IN SCIENTIFIC COMPUTING

PANEL | GSU SCIENTIFIC COMPUTING DAY | 2018.10.26
PANELISTS:

**DR. RAEDA ANDERSON** is an Assistant Professor and the Quantitative Data Specialist for Research Data Services at GSU.

**MR. DAVID FIKIS** is a Research Associate with the Department of Educational Policy Studies in the College of Education and Human Development.
PANELISTS:

**DR. MATT TURNER** is a Research Scientist in the Department of Psychology and the research and technology mentor for the GSU Center for Information, Modeling & Simulation.

**DR. DROR WALTER** is an Assistant Professor of Digital Persuasion at the Department of Communication at GSU.
MODERATOR:

DR. MANDY SWYGART-HOBAUGH is an Associate Professor and the Leader of the Library’s Research Data Services Team.

LIBRARY.GSU.EDU/DATA
HOW THIS WILL WORK:

1. We’ll post a question (5 ?s total).
2. Each panelist responds in turn (~3 minutes per panelist = 12 minutes per ?).
3. We’ll open it for discussion with attendees (~5 minutes per ?).
4. We’ll proceed to the next question...
5. Repeat till done.
HOW THIS WILL WORK:

```python
print('Mandy: Welcome and Blah!')
for question in [1, 2, 3, 4, 5]:
    print('Mandy: Question {} Blah Blah!'.format(question))
    for speaker in ['David', 'Dror', 'Matt', 'Raeda']:
        print(speaker + ': Blah!')
    print('Audience: Blah Blah Blah!')
print('Mandy: Blah and Thanks!')
```

Mandy: Welcome and Blah!
Mandy: Question 1 Blah Blah!
David: Blah!
Dror: Blah!
Matt: Blah!
Raeda: Blah!
Audience: Blah Blah Blah!
Mandy: Question 2 Blah Blah!
Coding vs. clicking -- if you were forced to pick one side, which would you pick, and why? When do you think there is room for compromise?
How do you think the increasing emphasis on research transparency and replication will influence the coding vs. clicking issue?
How do you see disciplinary practices and traditions influencing the coding vs. clicking issue?
When teaching novice researchers such as undergraduates, grad students, research staff, or other faculty analysis tools and/or approaches that are new to them, which is your go-to approach: Coding? Clicking? Both? And why?
If someone says "I cannot learn code because [it's too hard, I don't have time to invest in learning it, the software I use works perfectly fine for what I need to do, etc.]," what would you say to them to convince them to think otherwise?