



Food for Thought: Conversations about Teaching

Center for Advanced STEM Education

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Center for Advanced
STEM Education



My work in STEM

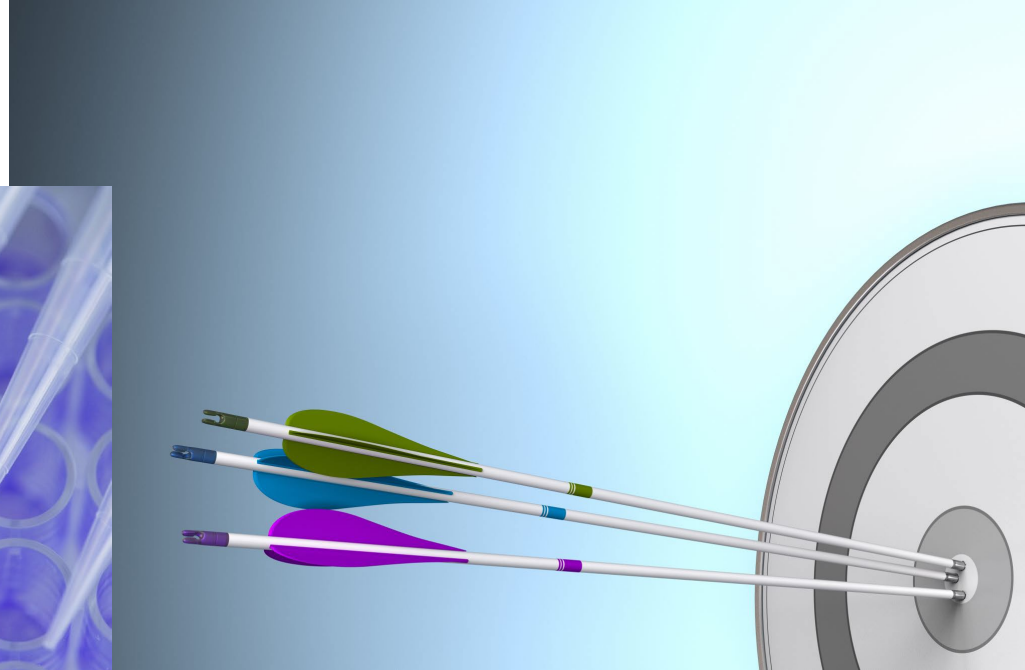
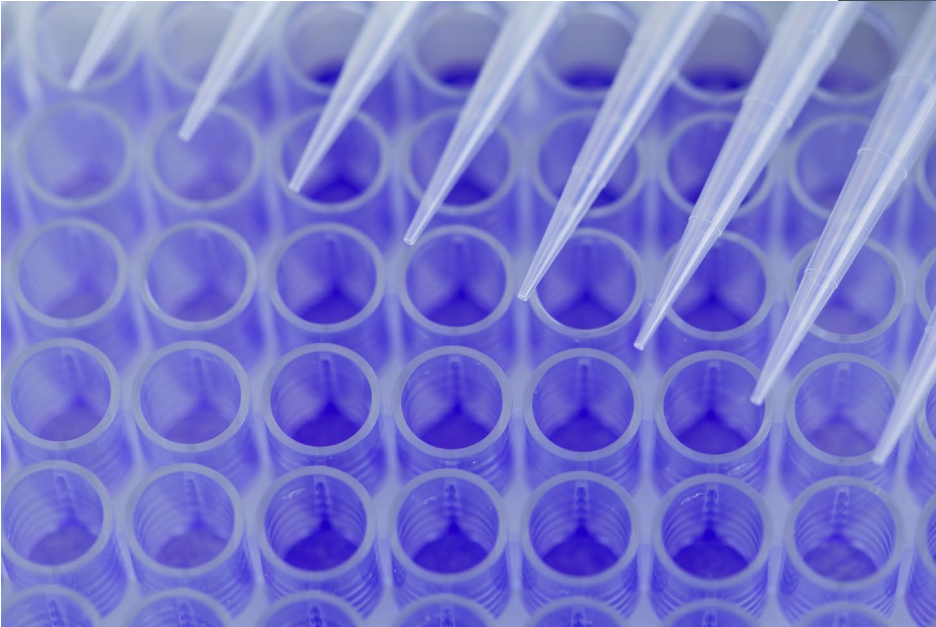
- PI on 4 NSF grants
- Lots of NSF review panels
- Lead on NSF funded STEM Equity Boot Camps through GLOBE
- Invited trainer for NASA Langley education team
- Mentoring engineering faculty w/ ASEE grant
- Founder of Colorado STEM Ecosystem
- STEM Equity Specialist
- UL IREE Board Chair
- CAST, CABPES, CDE, CCCS ACESSE

Food for Thought...

- We can't change our students but we can think about teaching differently to improve student learning outcomes



How do you manage assessment?



How do you ensure equitable participation?



What kinds of classroom management issues do you face?



How do you address gaps in students' background knowledge?



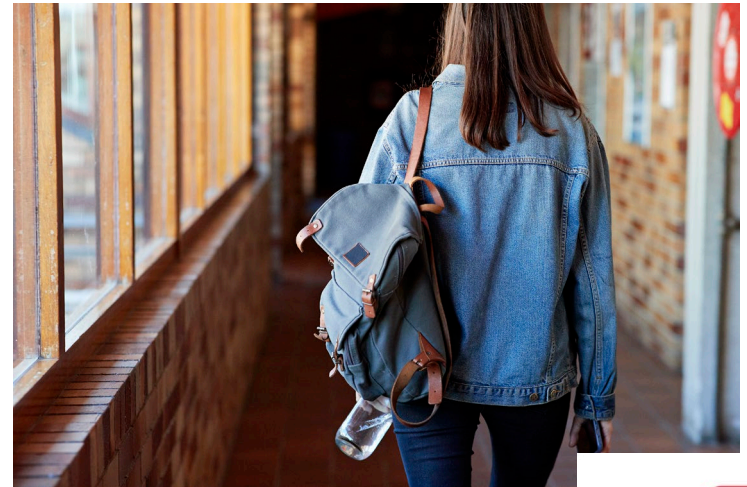
How do you balance student confidence vs. content mastery?



What tools or strategies do you find helpful in supplementing your course instruction?



How do you make sure you are “covering” course content?



What channels for communication with students do you find useful? (feedback)



What do your grading policies look like?



How comfortable are you supporting metacognition?



Thank you!

- Thanks for doing the evaluation.
- I welcome any and all follow up!
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