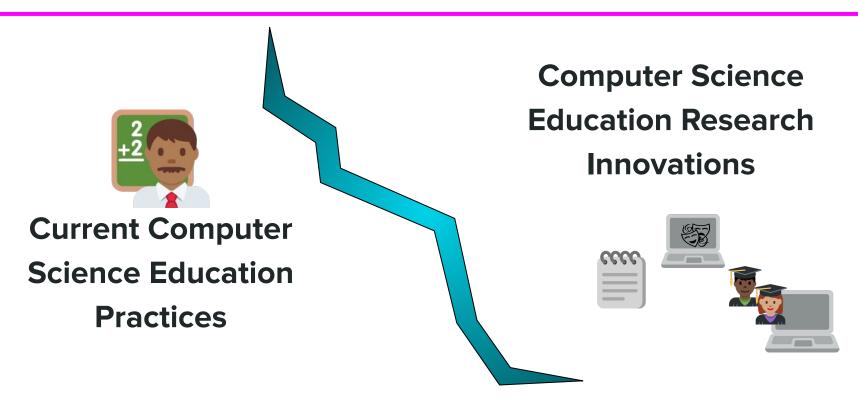
# Improving Interactive Instruction:

Faculty Engagement Requires Starting Small and Telling All



### A Divide





One-minute reflections



One-minute reflections



Software theater



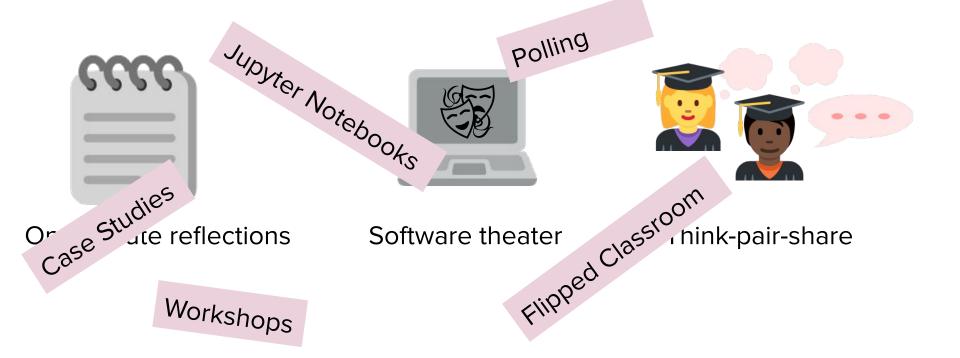
One-minute reflections

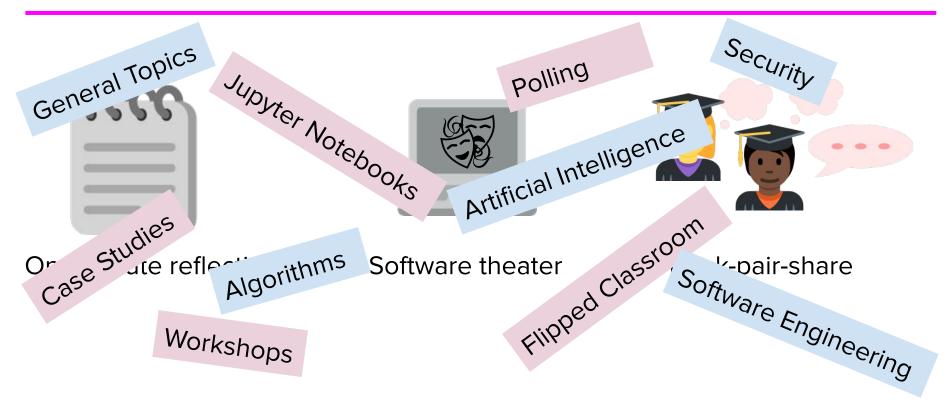


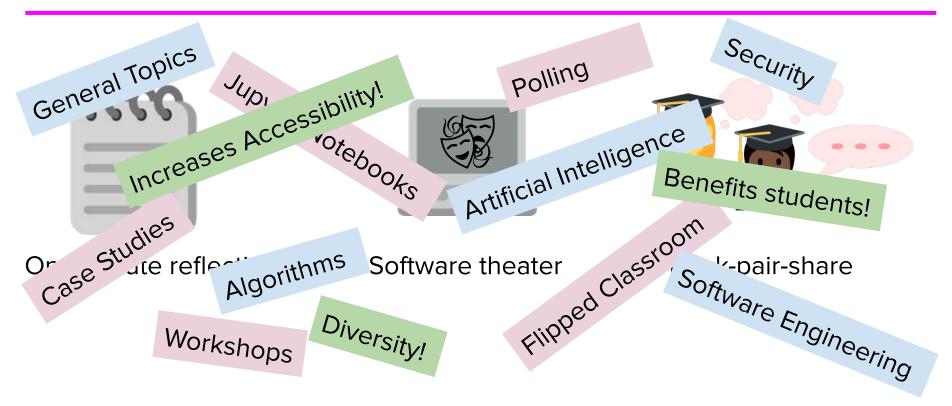
Software theater

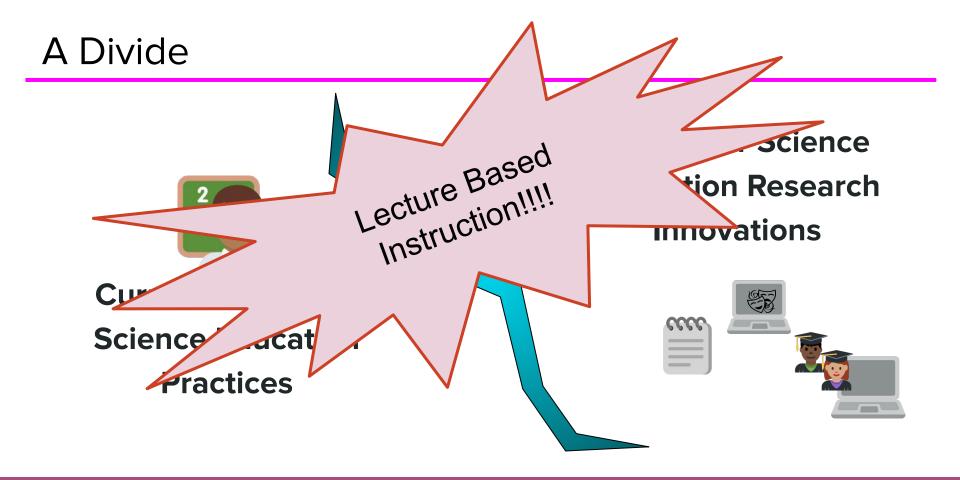


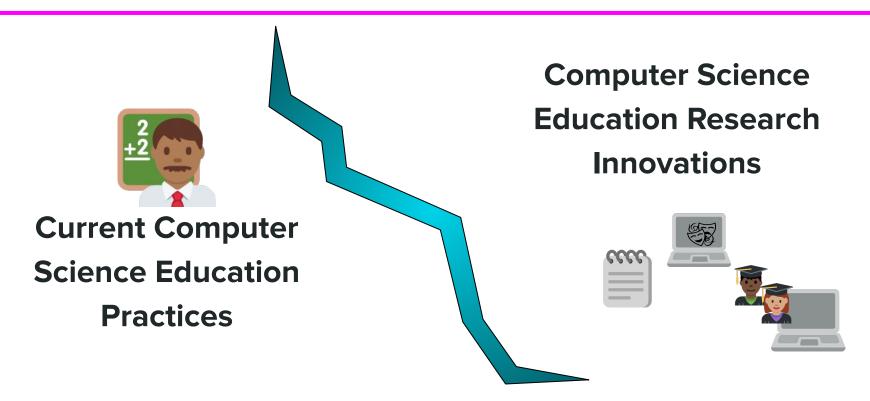
Think-pair-share

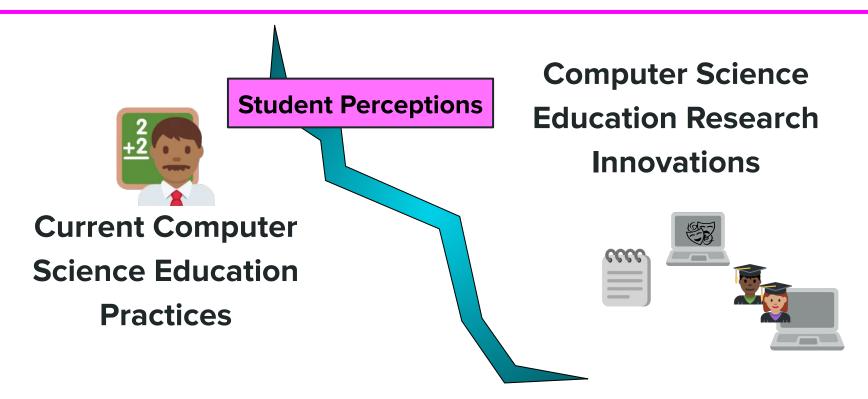


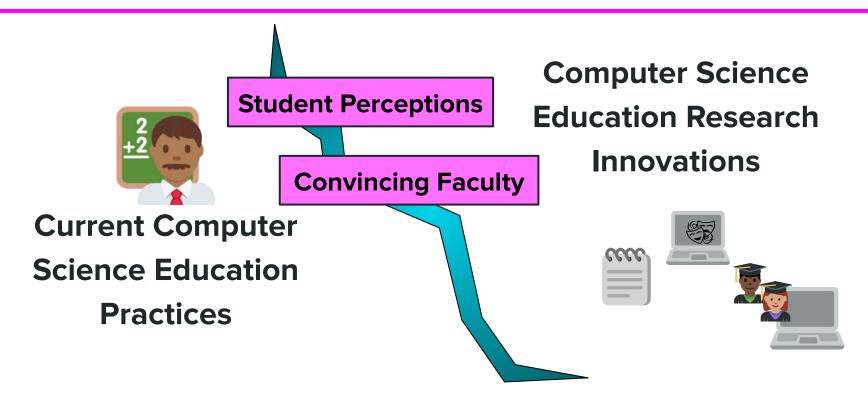


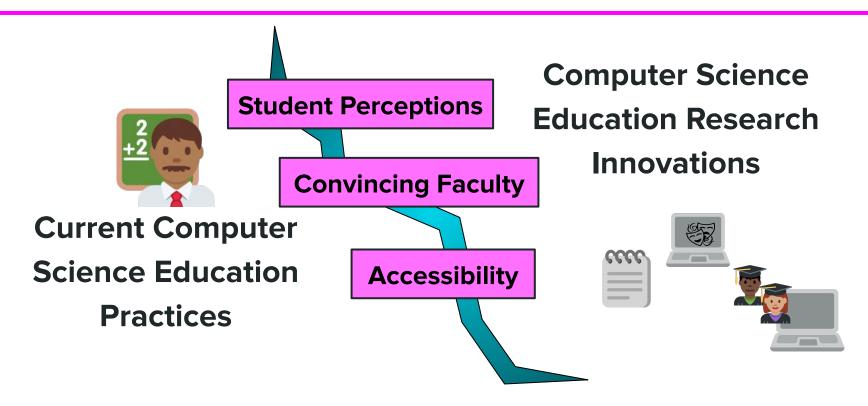


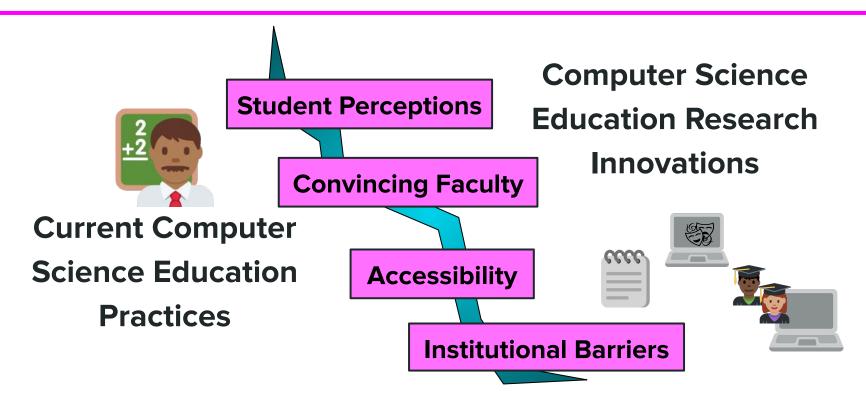












### Now what?



Let's build a bridge!

## Two Main Goals for Building a Bridge

- Improving the accessibility of education innovations
- Identify a path to propagate innovations from researchers to practitioners



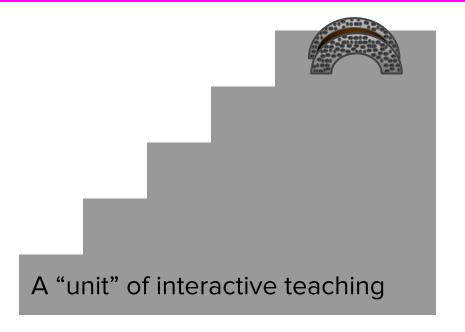


**Small Teaching** 



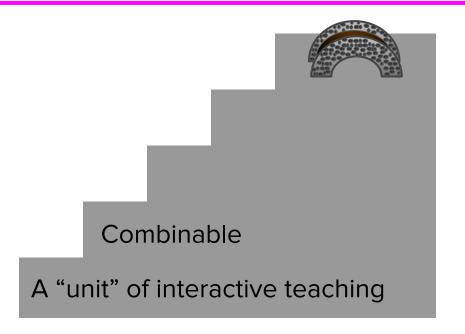


**Small Teaching** 



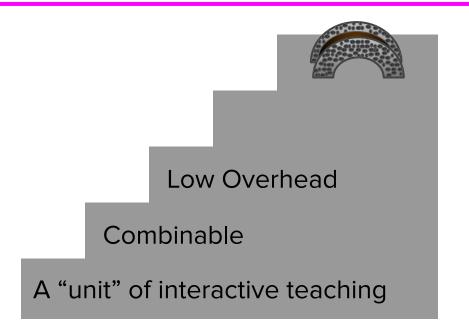


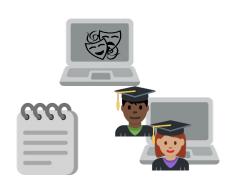
**Small Teaching** 



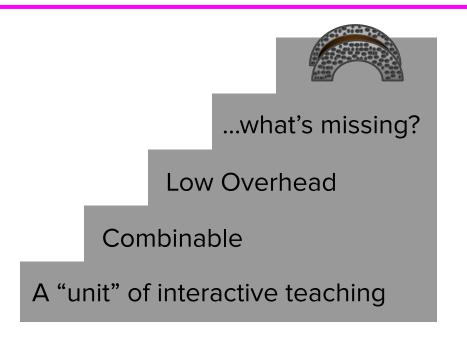


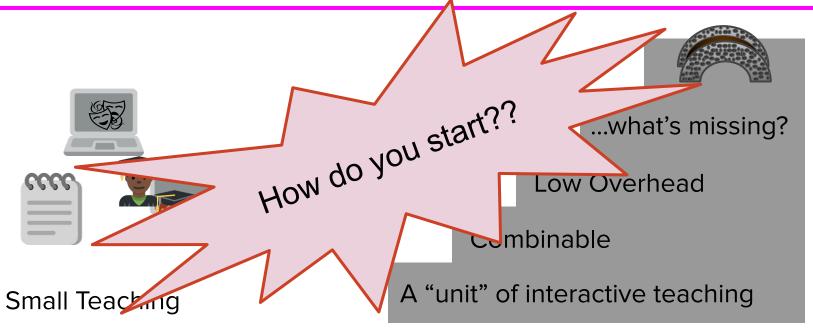
**Small Teaching** 



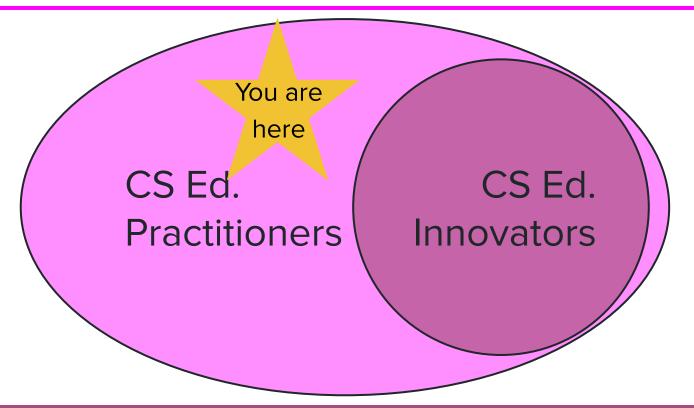


**Small Teaching** 





# Finding the bridge?



### Let's imagine...

- Ideally, there would be a dataset of CS Ed Innovations
- Documented for re-usability
- Evaluated for motivating to students and administrators
- Accessible with varying time and resource requirements

# A Few More Steps...



Computing Education Research Artifacts

CS Ed Artifact

CS Ed Artifact - Submitted by CS Ed Researchers

#### CS Ed Artifact

**Type**: lecture activity, flipped classroom, tool/software, framework...

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Not all inclusive, but it is a start.

### **Ensure Quality Artifacts**



1) Calls for Artifacts

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2) Artifact Review Committees

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1) Calls for Artifacts



2) Artifact Review Committees



3) Include Junior Researchers

### Takeaways

- Small, low effort, teaching innovations can increase access
- Education research artifacts engage junior researchers
- Above all, guide instructors, help build change

Thank you



### A Few More Steps



Computing Education
Research Artifacts

- Why artifacts?
- What is an artifact in CSER?
- How will we ensure quality artifacts?