Preparing CS Education PhD students at University of Illinois Computer Science
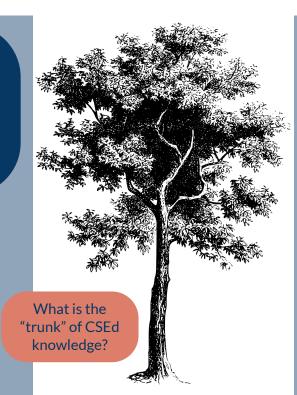
Our large CSEd program (6 advising faculty, 23 PhD students) requires more infrastructure for teaching relevant theory.

Our new graduate course covers a *core reading list*.

Advising faculty contribute:

- A strong representation of **their own work**
- Papers that are **influential to their own work**
- Papers that help our students understand **other perspectives**

What is the "trunk" of CSEd knowledge?

Our reading list areas:

- Cognitive science, learning sciences, & educational psychology
- Educational paradigms
- CSEd-specific concepts & theories
- Broadening participation in computing
- Instructional practices
- Research methodologies

Let's discuss best practices in CSEd research training!