A Longitudinal View of Gender Balance in a Large Computer Science Program Amy Baer and Andrew DeOrio



Research Questions

- Where in the Computer Science curriculum does the gender balance change?
- Why does the gender balance change throughout the Computer Science curriculum? Do grades play a role in this change?
- Where should future research focus?

Data Set

- **29,354** unique students who took a CS course over the past **10** years at U of M
- Gender, majors, minors, academic level, GPA, courses and grades











- Women often choose not to continue in Computer
- Attrition disparity could be related to women often receiving lower grades than men in EECS courses despite having the same or higher overall GPAs.