HIVES Faculty Surveys

- Surveys were completed by 71 faculty at the beginning of the semester, reflecting on their experiences in traditional classrooms.
- Faculty were surveyed at the end of the semester, reflecting on their experiences in the HIVES. 58 faculty completed the post-teaching survey.

Changes in Teaching Practice

- 68.4% of faculty reported changing their teaching practices over the course of the semester.
- 82.9% of faculty used collaborative learning activities often or always in their teaching, as compared to only 68% in traditional classrooms.
- 63.4% of faculty used problem-based learning activities often or always in their teaching, as compared to only 50% in traditional classrooms.
- Only 14.3% of faculty spent more than 60% of class time lecturing in the HIVES, as compared to 41.3% of faculty in traditional classrooms.

"How satisfied have you been with your teaching experience?"

Traditional:
- Satisfied or Extremely satisfied: 26%
- Neutral: 40%
- Dissatisfied or Extremely dissatisfied: 34%

HIVES:
- Satisfied or Extremely satisfied: 23%
- Neutral: 73%

"Please indicate the quality of your interactions with students during class time..."

Of the faculty that were satisfied with the HIVES...
- 90.2% Regularly used the whiteboards around the periphery
- 82.9% Regularly used the moveable seats to change the class configuration
- 75.6% Regularly used the displays around the room to broadcast student work
- 56.1% Regularly used the interactive touchscreen computer

"How confident have you been with facilitating collaborative learning?"

- 0% Not at all confident
- 26% Not very confident
- 20% Neutral
- 40% Confident
- 34% Extremely confident

Next Steps

- Direct comparisons between two sections of a course with the same instructor: One in a traditional classroom, and one in the HIVES.
- Classroom observations of engagement
- Pre- and post- learning surveys for students in traditional and HIVES classes
- Teaching Innovation Fund Project led by faculty member comparing engagement in the HIVES and traditional classrooms.

*These data are preliminary, as analysis is still underway*