

Accelerating Adoption of Adaptive Courseware at Public Universities



Supporting Scale

- Oregon State University (OSU) has discovered that building collaborative teams of faculty with diverse perspectives results in implementation approaches that support students from all backgrounds.
- Instructors that have successfully implemented adaptive courseware are the best champions for scaling adaptive courseware.

College Algebra Redesign

OSU redesigned the key gateway course of College Algebra working “backwards” from course-level outcomes to weekly objectives to individual assignments and questions. A large team of instructors and TAs worked for twelve weeks eventually producing a completely new course which has been highly successful in its first year. To maintain that momentum and guard against the negative effects of turnover, a new position, Director of Foundational Math, has been created to provide oversight to first year mathematics courses making use of adaptive courseware and active learning. A full-time coordinator for the Math and Stats Learning Center has also been hired, providing additional support for students.

By the Numbers

13 Courses using adaptive courseware 

6,000 Fall 2018 enrollment 

Priorities for 2019 and Beyond

Complete building of master courses in chemistry, statistics, and writing.

Assess student experience and outcomes through surveys and focus groups.

Campus tour to engage colleges and faculty to support scaling beyond grant goals.