

Accelerating Adoption of Adaptive Courseware at Public Universities



Portland State University Update, Spring 2018

Moving From Scaling to Sustainable

- Office of Academic Innovation (OAI) has integrated active and adaptive course redesign across its portfolio promoting increased student success outcomes when best practices are applied to course redesigns
- The Board of Trustees has expressed a strong interest in active and adaptive work
- The strategic plan cites improving student success, and raising retention and graduation rates and OAI believes active and adaptive are key to raising metrics
- The College of Liberal Arts & Sciences recognize the pilot successes and the dean's management will promote scaling pilots
- The adaptive courseware has been integrated with a strong push to leverage open education resources

Creating a Culture of Faculty Success

- Faculty activities are focused on pilot-specific support for Mathematics and Statistics, Chemistry, Biology, Business and Physics
- There remains a challenge finding other academic partners who are willing to conduct adaptive courseware pilots at scale
- Faculty are interested in adaptive courseware to determine if they can reduce costs for students by replacing textbooks and using learning analytics to personalize instruction for students
- Adaptive pilots are stronger when OAI understands faculty needs and interests and then provides very individualized consulting to faculty
- PSU is leveraging faculty learning communities to disseminate information about pilots

Challenges and Lessons Learned

- Institutional culture of faculty autonomy and urban geography present barriers to dissemination
- Vice Provost of Student Success and Academic Innovation is leading efforts as PSU has had leadership changes at provost and presidential level
- Evidence from pilot outcomes are critical to encourage faculty to consider adaptive research studies and outcomes from other institutions

BY THE NUMBERS

5 vendors, 5 disciplines

PSU faculty are currently using 5 vendors across 5 disciplines: mathematics and statistics, chemistry, biology, business and physics

1,424

Academic Year 2017-18 enrollment





SNAPSHOT

Success Factors	Looking Ahead
<ul style="list-style-type: none">• Executive Director of OAI is the APLU Adaptive Courseware project lead at PSU• OAI champions at PSU are Vice Provost for Innovation, Planning, and Student Success, and the deans and associate deans in various schools and colleges	<ul style="list-style-type: none">• Deeper collaboration with the College of Liberal Arts and Sciences across projects• Hosting of a second adaptive courseware faculty event in Fall 2018 where current participants will share their work and results. This will be the continuation of an early-adopters community at PSU• Adaptive courseware faculty champions will be key speakers at the event

About Portland State University

28,000+

Fall 2017 enrollment

1/4

of students take at least one online course

42%

of entering freshman qualify for Pell grants

1/5

of students identify as being members of underrepresented minority groups

Learn More

To learn more about Portland State University's adaptive courseware implementation, contact:

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The APLU Personalized Learning Consortium (PLC) is a membership organization of public universities leveraging collaboration and scale to advance the use of technology to improve student learning, retention, and graduation through personalization. To learn more, go to www.aplu.org/plc.

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