

# 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"><li>• Executive Director of OAI is the APLU Adaptive Courseware project lead at PSU</li><li>• OAI champions at PSU are Vice Provost for Innovation, Planning, and Student Success, and the deans and associate deans in various schools and colleges</li></ul>	<ul style="list-style-type: none"><li>• Deeper collaboration with the College of Liberal Arts and Sciences across projects</li><li>• 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</li><li>• Adaptive courseware faculty champions will be key speakers at the event</li></ul>

### About Portland State University

28,000+

Fall 2017 enrollment

42%

of entering freshman qualify for Pell grants

1/4

of students take at least one online course

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:

#### PLC Grant Program Management

Johannes De Gruyter

[jdeg2@pdx.edu](mailto:jdeg2@pdx.edu)

503-725-9165

Kevin Berg

[kgb@pdx.edu](mailto:kgb@pdx.edu)

503-725-5264

*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](http://www.aplu.org/plc).*

Contact: PLC Program Manager Susie Freedman, [sfreedman@aplu.org](mailto:sfreedman@aplu.org)