OER Awareness, Advocacy, and Adoption: An Institutional Approach

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Available at: https://works.bepress.com/chelsea-stone/3/
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Institutional Approach

STRATEGIC APPROACH

AWARENESS & ADVOCACY

RESOURCES & ACCESS

MATH CASE STUDY
Strategic Approach

- Process mechanisms
- Task-force
- faculty survey
- Policies and incentives
Awareness & Advocacy

- Workshops/webinars
- Consultations
- Departmental meetings
- Website reports
Resources & Access

- OER list by discipline
- Creation of OER modules for self-directed learning
- OER Libguide
Math Case Study - Overview

• Stages of Implementation
• Results - cost and usage
• Pedagogical approach and impact on student learning
Stages of Implementation

1. Open Textbook Identification
2. Open Textbook Review
3. Pilot/Adoption
4. Scale It Up
Survey Results - Open textbook usage

Student response rate = 90%

4. The textbook format that I used
91 responses

- I used the free digital version: 70.3%
- I purchased the print version: 17.6%
- Both - free digital version AND print version: 8.8%
- Other: 3.3%

10. The textbook helped me with learning course content?
91 responses

- Strongly Agree: 31.9%
- Agree: 45.1%
- Neutral: 14.3%
- Disagree: 2.9%
- Strongly Disagree: 4.4%

11. The homework materials helped me with learning course content?
91 responses

- Strongly Agree: 29.7%
- Agree: 26.9%
- Neutral: 22.2%
- Disagree: 9.9%
- Strongly Disagree: 14.4%
Results & Challenges - Cost savings

70.3% (72 students) free version
26.4% (27 students) print version
3.3% (3 students) other/neither

Student cost of roughly $1,485.00 based on average cost of two textbooks

VERSUS

90 students spring 2016
Student cost of roughly $15,506.37 based on average bookstore textbook costs

Estimated student savings of $14,021.37

VERSUS

XYZ Homework cost = $40 / each student

VERSUS

MyMathLab = about $100 / each student
*Access code with NEW textbook
Pedagogical Approach and Impact on Student Learning

- Instructional design - minimal changes
- Integration of XYZ Homework / digital materials
- Impact on student learning - grades for spring 2017 comparable to spring 2016