

# Primed to Help Students Succeed: Reflections on OER Adoption

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AMATYC Conference

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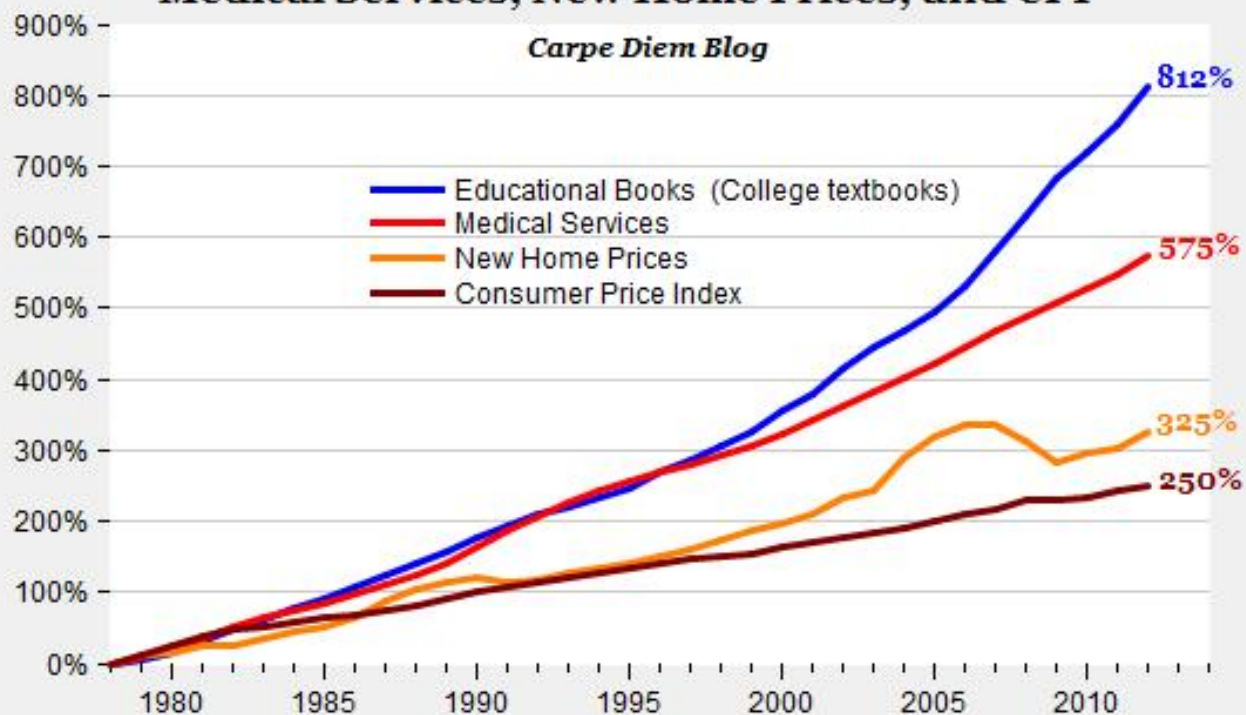


# Why OER?



## Percent Change Since 1978 for Educational Books, Medical Services, New Home Prices, and CPI

*Carpe Diem Blog*



Sources: BLS, Census Bureau



# 48%

of students say that textbook costs impact how many and which courses they take



# 65%

of students have decided against  
buying a text due to expense



# 94%

of students who did so were concerned that  
not having a text would affect their grade



# 82%

of students feel they'd do better if a text was available for free online with optional hard copy



# Problem

"As publishers keep costs high by pumping out new editions and selling books bundled with software, students are forced to forgo book purchases or otherwise undermine their academic progress."





# Solution!

*Open Educational Resources (OER) are teaching, learning, and research materials in any medium that reside in the public domain or have been released under an open license that permits their free use and re-purposing by others.*



# A Success Story

- Benefits & Rewards
  - Challenges
  - Planning
  - PCC Statistics
  - Support & Resources
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# Discussion: OER Benefits & Rewards

1. Take five minutes with your neighbors to discuss benefits and rewards that OER could provide students and faculty (we'll time you)



# Discussion: OER Benefits & Rewards

1. Take five minutes with your neighbors to discuss benefits and rewards that OER could provide students and faculty (we'll time you)
2. Let's share!



# Debrief: Benefits & Rewards

## ● Accessibility

- Zero students with no text
- Free online access (first day or sooner)
- Download to preferred device
- Hard copy optional and available



# Debrief: Benefits & Rewards

- Inclusion
  - Engagement
  - Community-building
- Equity
  - Economic reality
  - Completion



# Discussion: OER Adoption Challenges

1. Take five minutes with your neighbors to discuss the challenges of adopting OER



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# Debrief: OER Adoption Challenges

- "If it ain't broke ..."
- Misconceptions
- Resources (online HW support, videos, slides)
- Workload (FT, PT, online)
- Compensation

Go for it!

Take a chance!



# Commitment

- Unsure if students care about costs? Ask them!
- Remember your early teaching experiences!
- Adoption need not be "perfect"
- Go for it!



# Planning!

Once benefits/rewards *and* challenges of OER adoption are understood, make a plan...



# Team-building: Outside Math Dept.

*Reach out for support from*

- Students
- Librarians
- Administration
- Statewide funding sources
- OER community (authors, tech, etc.)



# Team-building: Inside Math Dept.

*Work together with your colleagues to*

- Find OER that support student learning
- Apply for grant funding
- Participate in OER projects
- Pilot OER (Go for it!)
- Create and share auxiliary resources



# The idea is born...

- AMATYC Conference
- Commitment!





# Planning begins...

- OpenOregon grant proposal
- Recruit instructors to pilot OER







# Pilot project begins...

- Stipend support for participating instructors
- Support materials for pilot instructors
  - Supplement, HW list, schedule, etc



# OER pilot sections

- 4 PCC campuses
- 13 instructors (FT & PT)
- $\approx 40$  pilot sections
- $\approx 1100$  students
- successful student learning
- $\approx \$130,000$  savings





# With OER pilots in progress...

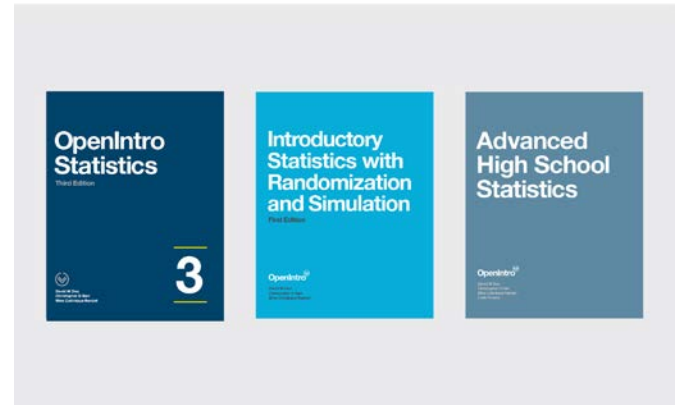
## ● Textbook Committee

- Consider if OER
  - meets PCC course needs
  - supports student learning
- Select OER text that best suits PCC stats sequence



# OER adoption...

- Face-to-face classes
- Implementation Fall 2017
- \$225,000 projected savings per year





# Reflections...

## ● Challenges

- Understand colleagues' concerns
- Create solutions where possible (“Get your ducks in a row!”)
- Change is challenging (and rewarding)!

## ● Future Goals

- ebook conversion



# Support & Resources

- [PCC Library OER Guide](#)

From lovely Oregon...

- [OR HB 2871](#)
- [HECC](#)
- [OpenOregon](#)



# More Support & Resources

- Office of Professional Development
- Online Homework
  - [MyOpenMath](#)
  - [Webwork](#)
- *We* can create support materials to share
  - locally
  - nationally

# More Support & Resources

- There are strong high quality OER textbooks
  - [OER Commons](#)
  - [Open Textbook Library](#)
  - [OpenStax](#)
  - [OpenIntro](#)





# Thank you!

## ● AMATYC

- Amy Hofer (OpenOregon)
- Jen Klaudinyi (PCC Library)
- PCC pilot instructors
- ASPCC & Phi Theta Kappa
- PCC OER Steering Committee
  - Linda Blanchette, Lisa George, Karen Paez, Lisa Avery, Tanya Batazhan, Kurt Simonds (administrative support)