

# ORCCA UPDATE TO PCC BOARD



Aug 17<sup>th</sup>, 2017

# Open Educational Resources (OER)

An Open Educational Resource is typically a textbook<sup>1</sup> that:

- is licensed for use at no cost
- is licensed to permit customization without copyright infringement
- encourages community collaboration for improvements

Therefore OER teaching materials:

- reduce cost to students
- permit faculty to customize to the local curriculum
- grow and improve with time to surpass commercial teaching materials

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<sup>1</sup>or other teaching material

## Student Quotes on using OER in Statistics

Did using no- or low-cost text this quarter have any effect on your life?

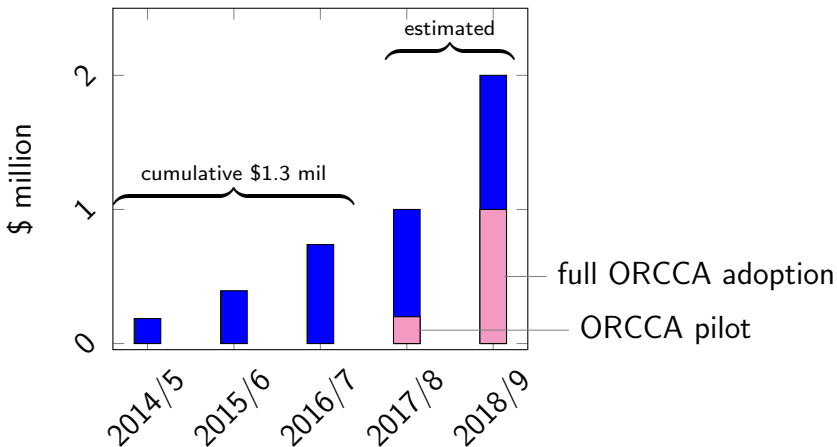
*Yes. Cost of a textbook was put toward the cost of living, instead (groceries for 2 months!) and I didn't have to worry about bringing a book to class.*

Did using a no- or low-cost text work any better or any worse for you than using a publisher text (costing around \$100)?

*This low-cost text worked fine. I liked that it was all on line and I didn't have to carry the book with me. I don't think it is the same quality as a book that costs \$100+ in terms of graphics and explanations, but it worked out fine!*

I encourage you to visit the [Full Survey Responses](#).

# Savings to students from OER use at PCC



# Short History

- Alex Jordan's involvement with open source software WeBWork and MathBook XML (now PreTeXt).
- Let's make a "state of the art" OER for MTH 60, 65, 95. Save each student roughly \$100.
- A PCC-sponsored NSF grant proposal.
- Board approves Strategic Funding support: about \$195K for faculty release time.

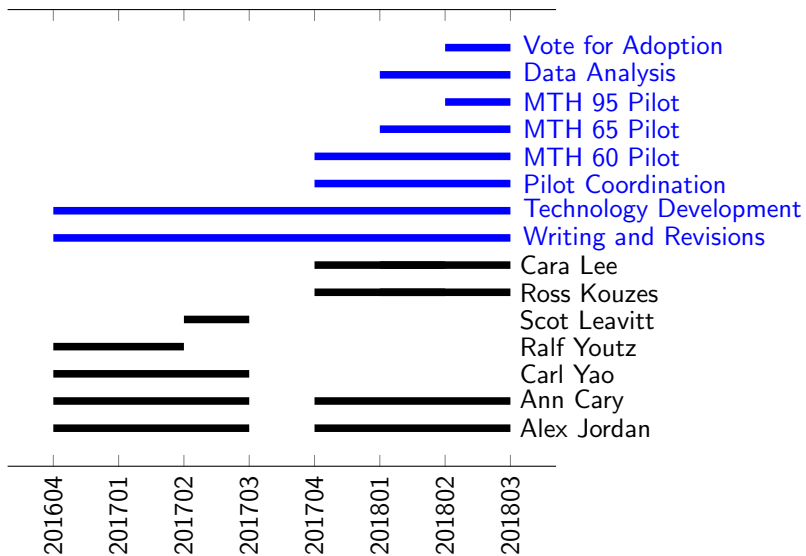
# Current Drafts

Explore technical and pedagogical features at these links:

eBook [spot.pcc.edu/math/orcca/orcca.html](https://spot.pcc.edu/math/orcca/orcca.html)

PDF [spot.pcc.edu/ajordan/orcca.pdf](https://spot.pcc.edu/ajordan/orcca.pdf)

# Faculty Course Release and Work Timeline



# Thank You

Our project will be in student hands this Fall. We hope for good results leading to full adoption starting Fall 2018.

We thank the Board and Administrators for support of this project in various forms over the past several years, leading up to the Strategic Funding support that is so crucial for success.

Links:

- [Student Survey on OER use in Statistics at PCC](#)
- [ORCCA eBook \(draft\)](#)
- [ORCCA pdf \(draft\)](#)
- [Animation of worker progress](#)

Email [alex.jordanpcc.edu](mailto:alex.jordanpcc.edu) with any questions.