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OER From Vision to Action

Student initiated Partnership for OER adoption at Mines

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STUDENT INITIATED PARTNERSHIP FOR OER ADOPTION AT MINES



Who we are



Sarena Nguyen
Chemical
Engineering
Mines



Erick Gomez
Robots and
Intelligent
Systems
Mines



Torin Johnson
CompSci
Mines



Ye Li
Scholarly
Communications
Librarian
Arthur Lakes Library

The Mines Environment

- *Small, difficult engineering university*
- *Industry Oriented*
- *Autonomous departments*
- *Varying Class Sizes*
- *1,286 Graduate Students (master's and doctoral)*
- *4,757 Undergraduate Students*





Reaching out to Faculty/Staff

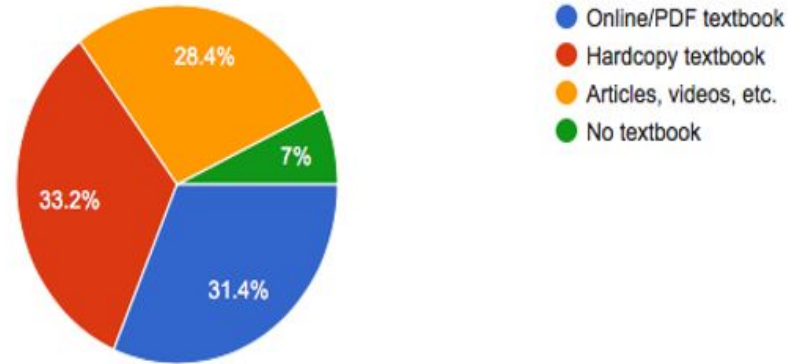
Department	Enthusiasm	Implemented True OERs	Free (For Mines Students)	Willing To Share With World
Physics	Very	No	Yes	No
Math	Very	No	Yes	Yes
Geological	Very	Yes	Yes	Yes
EPICS	Somewhat	No	None	No
Environmental Engineering	None	No	No	No
Humanities, Arts, Social Sciences	Very	No	No	No
Computer Science	Very	No	Yes	Yes
Trefny Center	Very	Yes	Yes	Yes

What we found out

- Some departments have more reservations than others
 - Discipline traditions / industry tie
 - “If it’s not broken, don’t fix it”
 - Low return of investment (time and resource)
 - Uncertain about workload
- Instructors have other incentives like benefits for their children
- Reputation and outreach
- Side projects

Survey Results

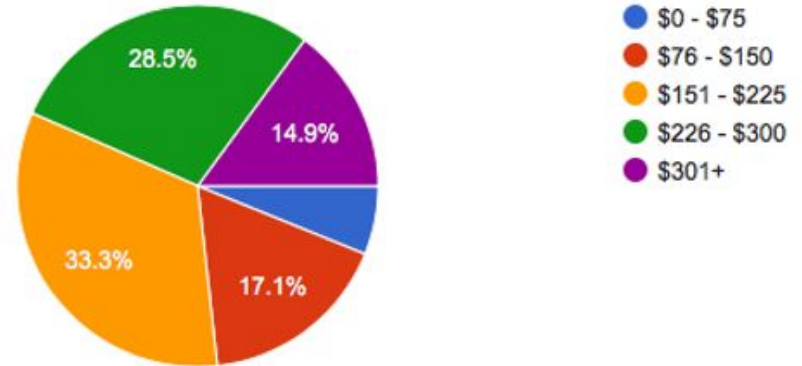
- If you were to take a class that required additional reading outside of class, which form would you want the most?*



Total Participants: 231

Survey Results

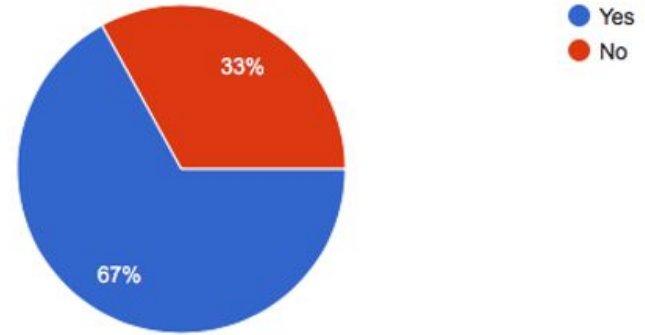
- *On average, how much do you spend on textbooks and learning materials each semester?*



Total Participants: 231

Survey Results

- *If learning materials and textbooks had no cost, do you believe that you would perform better in classes?*



Total Participants: 231

Future Goals

Summer

- Find faculty champions in every department
- Find out how much each major pays for textbooks
- Plan presentations for fall
- Start to put together an executable plan

Future Goals

Fall Semester

- Raise awareness among students
 - Survey to inform and gain support
 - Info session to educate
 - More creative means...
- Pizza with the President
- Committee with more faculty and students
- Find methods to incentivize faculty together with the library



Things We Are Looking For

Tools and Incentives

Adoption and Creation

Input

Any Ideas or Pathways

Recommendations of Resources



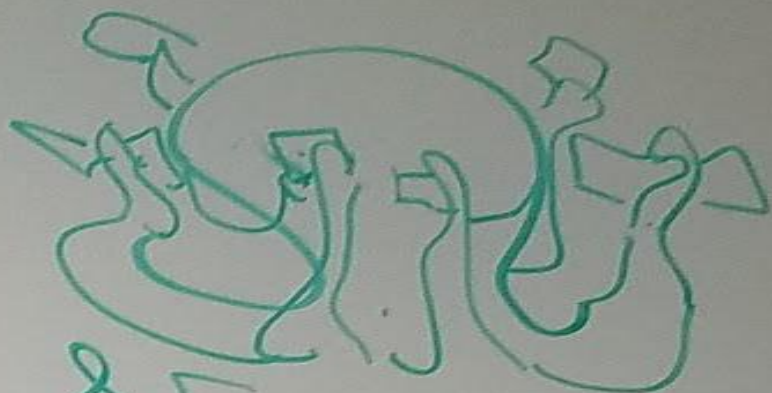
Questions? Comments?

Feel free to reach out to us and thank you for listening to our presentation!

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Courtesy of
Erick Gomez



8 Free DERS

9E+1 8 Happy Tentacles

16 Bone Pits for

Min 2,