

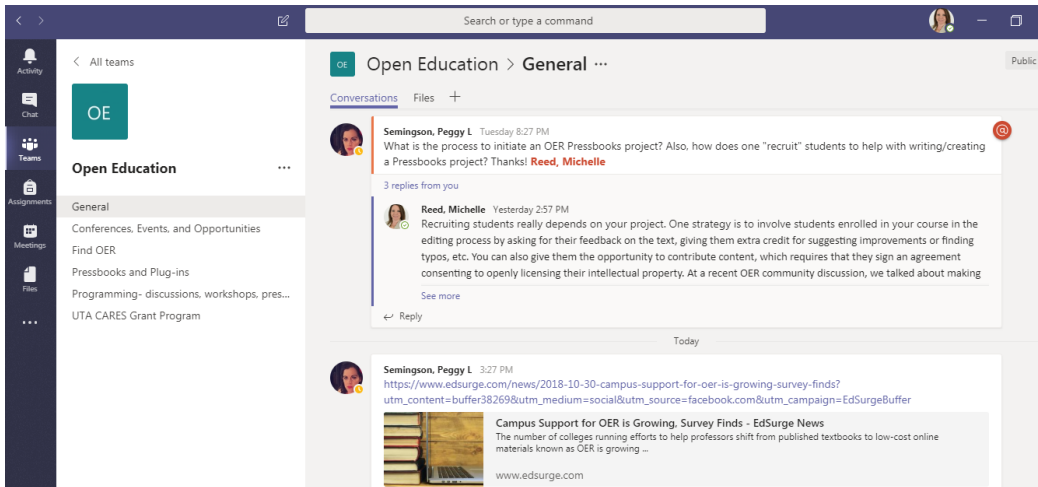
Open Educational Resources

Michelle Reed, Director of Open Educational Resources
University of Texas at Arlington Libraries



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Open Educational Resources in Microsoft Teams

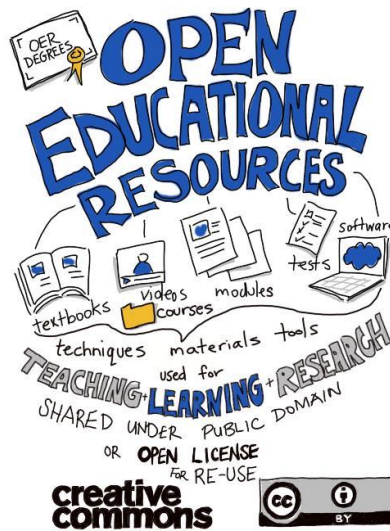


<https://bit.ly/2z180c1>

Join the Open Education team in Microsoft Teams for updates about open education, including events and funding opportunities. <https://bit.ly/2z180c1>

Open Educational Resources (OER)

free resources licensed to allow users legal permission to revise & reuse

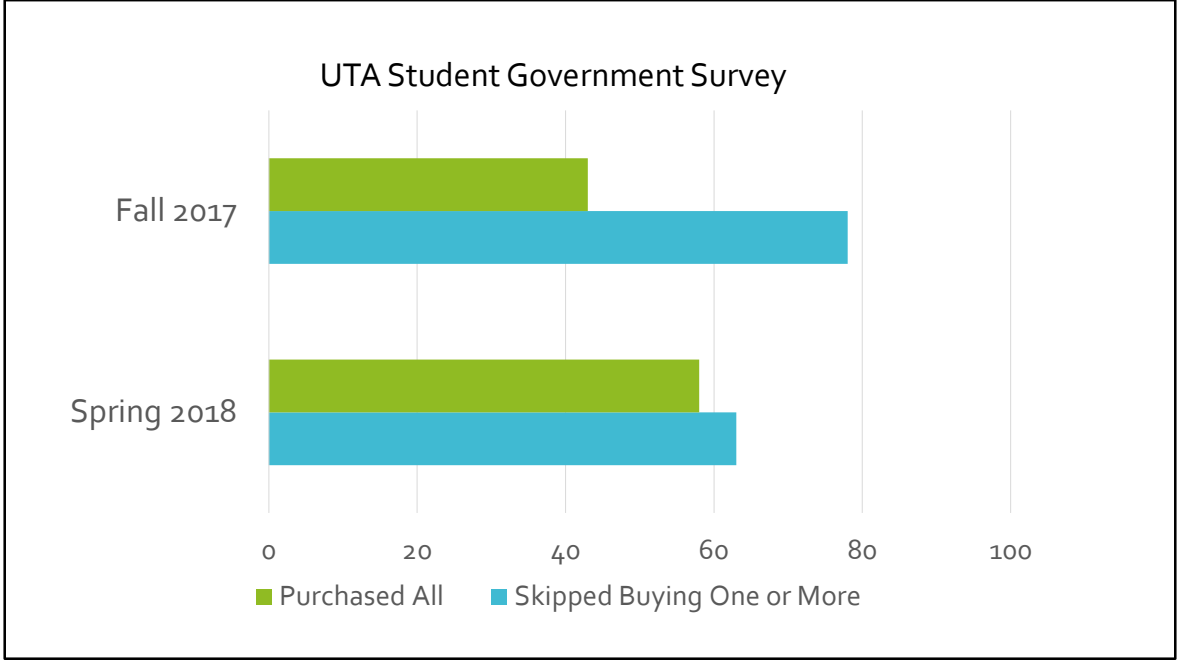


<https://www.flickr.com/photos/gforsythe/38088290601>

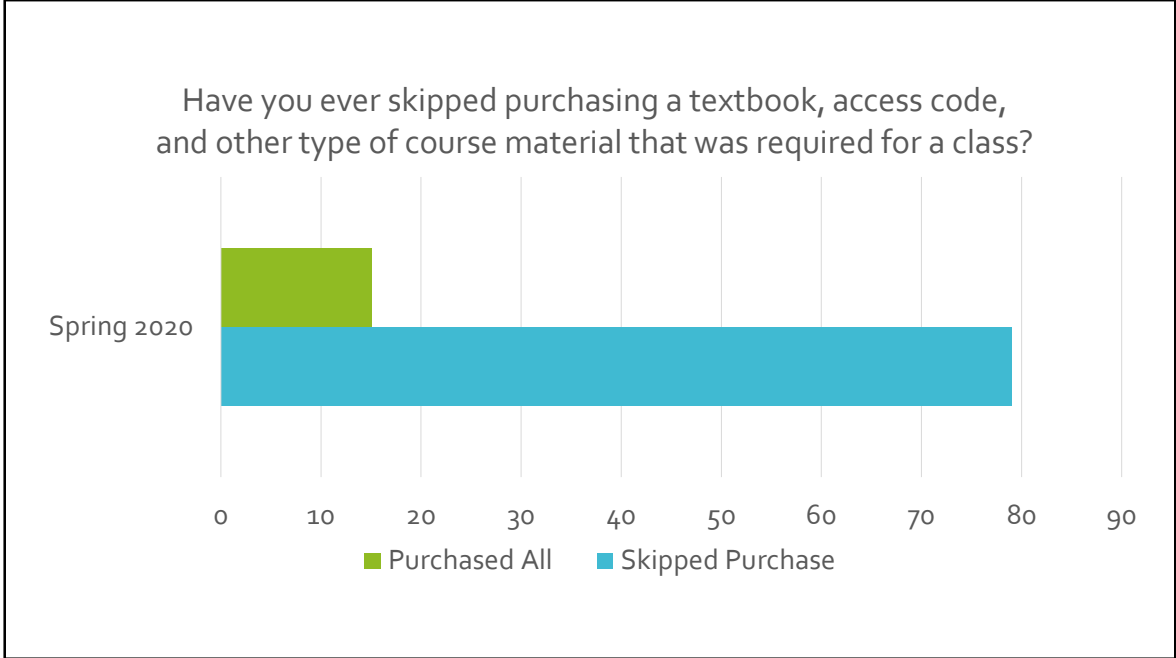
Open educational resources (OER) are free educational materials shared to allow for reuse and revision.

Image is in public domain from <https://www.flickr.com/photos/gforsythe/38088290601>

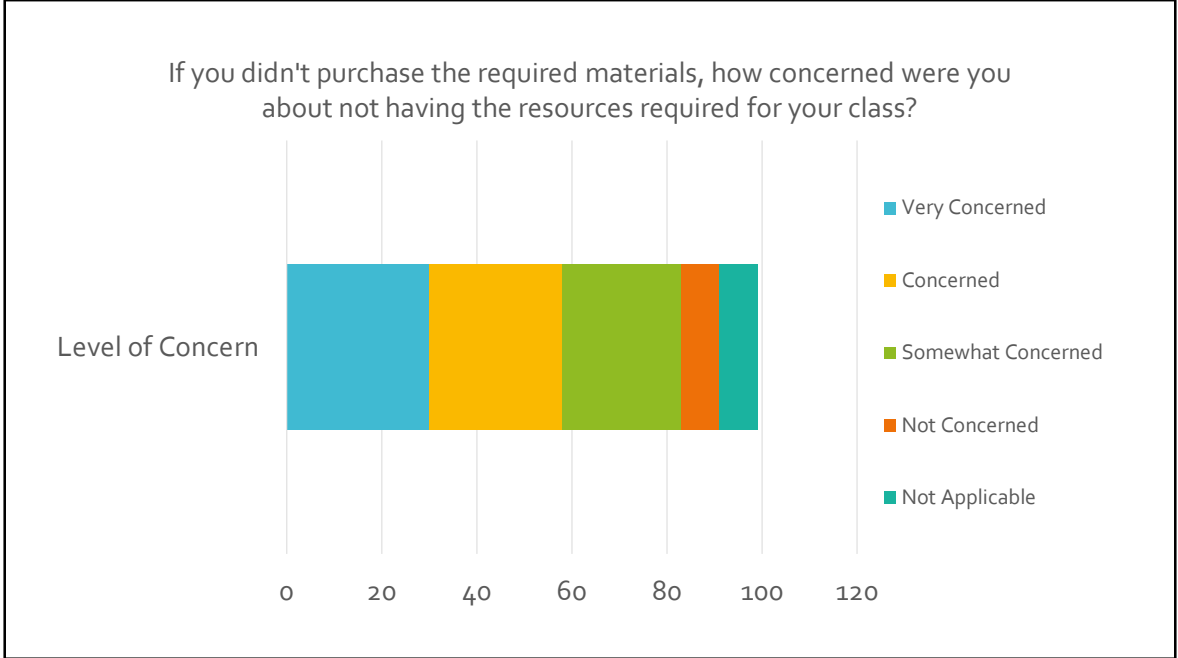
The work we do on OER has a big impact on college affordability and access, which in turn impacts equity, student success, engagement, efficiency, and even enrollment intensity.



Over the last few years we've surveyed students about how much money they spent on course materials and whether they'd skipped purchasing required resources for any of their courses. Consistently, over half of UTA students report skipping the purchase of one or more required course materials.



Results of Student Government and UTA Libraries course materials survey from Spring 2020. COVID-19 outbreak disrupted response rate. ~100 students responded to the survey in the first week of March before Spring Break with nearly 80% reporting that they skipped purchase of required course materials.



Students don't go without course materials because they don't care or because they aren't concerned about the impact. In most cases, students are well aware that not purchasing materials could have a negative impact on their success, but they choose to take the academic risk for a number of reasons. In the survey this spring, we asked UTA students how concerned they were about not having access to course content. Over 80% had some level of concern with the majority of students saying they are concerned or very concerned about not having access to course materials.

The infographic is contained within a black-bordered box. On the right side, there is a solid blue vertical rectangle with the text "UTA Students & OER" in white. To the left of this rectangle, there are four light gray rounded rectangular boxes stacked vertically. Each box contains an icon on the left and text on the right. The icons are: a yellow checkmark, a green network of nodes, an orange piggy bank, and a teal puzzle piece.

UTA Students
& OER

- ✓ Appreciation for format options (increases student agency)
- 🌐 Appreciation for customization of content (increases efficiency)
- 🐷 Appreciation for cost savings (increases affordability + student success)
- 🧩 Significant encouragement for continuing and expanding the program

Over the last three years, student feedback about UTA CARES and Mavs Open Press supported course materials/OER has fallen into the following four categories:

- Appreciation for format options (increases student agency)
- Appreciation for customization of content (increases efficiency)
- Appreciation for cost savings (increases affordability + student success)
- Significant encouragement for continuing and expanding the program

They could be downloaded
and it was accessible without
wifi which is helpful.

Category 1: Appreciation for format options (increases student agency)

Student feedback about UTA CARES and Mavs Open Press supported course materials/OER: “They could be downloaded and it was accessible without wifi which is helpful.”

I bought the printed version of the manual but I liked that I also had access to it online so I could reprint pages to practice labeling and drawing structures.

Category 1: Appreciation for format options (increases student agency)

Student feedback about UTA CARES and Mavs Open Press supported course materials/OER: "I bought the printed version of the manual but I liked that I also had access to it online so I could reprint pages to practice labeling and drawing structures."

I had potential to do better in this class due to the resources relating closer to the course subject we are learning.

Category 2: Appreciation for customization of content (increases efficiency)

Student feedback about UTA CARES and Mavs Open Press supported course materials/OER: "I had potential to do better in this class due to the resources relating closer to the course subject we are learning."

The book provided for the course was very helpful and well written. Because it was very specific for the class, the book was extremely useful.

Category 2: Appreciation for customization of content (increases efficiency)

Student feedback about UTA CARES and Mavs Open Press supported course materials/OER: “The book provided for the course was very helpful and well written. Because it was very specific for the class, the book was extremely useful.”

The reduced cost is very good for students who are financially strained and offers them an equal opportunity.

Category 3: Appreciation for cost savings (increases affordability + student success)

Student feedback about UTA CARES and Mavs Open Press supported course materials/OER: “The reduced cost is very good for students who are financially strained and offers them an equal opportunity.”

Low cost materials helped focus more on learning rather than worrying about how to pay for the education coming from different resources that may cost money, which helped the grade overall.

Category 3: Appreciation for cost savings (increases affordability + student success)

Student feedback about UTA CARES and Mavs Open Press supported course materials/OER: “Low cost materials helped focus more on learning rather than worrying about how to pay for the education coming from different resources that may cost money, which helped the grade overall.”

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Category 4: Significant encouragement for continuing and expanding the program

Student feedback about UTA CARES and Mavs Open Press supported course materials/OER: "This is a fantastic program that should be more wide-spread throughout the university and departments."

Please do this for every class.

Category 4: Significant encouragement for continuing and expanding the program

Student feedback about UTA CARES and Mavs Open Press supported course materials/OER: "Please do this for every class."

OER & Student Satisfaction

94%

of students impacted by the program say the **quality** of the OER is the same or better than traditional course materials

96%

of students say **ease of access** for the OER is the same or better than traditional course materials

From three years of survey data from students in courses supported by the UTA CARES Grant Program and/or Mavs Open Press.

The textbook given to us
this semester was
absolutely amazing.

Comment on quality.

Student feedback about UTA CARES and Mavs Open Press supported course materials/OER: “The textbook given to us this semester was absolutely amazing. It gave all the information we needed very clearly and made it interesting to learn with the modern examples and cool extra facts about France obtaining to our lesson.”

I could open up the book/website anywhere I wanted. The format was easy to read and just overall better.

Comment on ease of access.

Student feedback about UTA CARES and Mavs Open Press supported course materials/OER: "I could open up the book/website anywhere I wanted. The format was easy to read and just overall better."

Support for Open Education

- Help you discover OER appropriate for your courses and learning outcomes
- Help you customize OER to best meet your students' learning needs
- Help you publish your own OER and understand how to legally and ethically use third-party content
- Disseminate and archive your OER
- Help you develop course assignments that empower students to create content that benefits the greater public
- Connect you with colleagues in your discipline who are using, creating, and collaborating on OER
- Provide financial and technical support for OER projects

<https://libraries.uta.edu/about/dept/oer>

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**TUESDAY, OCT 01, 2019 • UT ARLINGTON MEDIA RELATIONS : UT ARLINGTON
MEDIA RELATIONS**



The University of Texas at Arlington is investing \$500,000 to fund open educational resources (OER) led by UTA Libraries in the 2019-20 academic year, the largest award by a public academic institution in the

state of Texas specifically supporting OER initiatives.

<https://www.uta.edu/news/news-releases/2019/10/01/library-oer>

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UTA CARES Grant Program

- Adoption Stipends (\$800)
- Scale Grants (up to \$5,000)
- Innovation Grants (up to \$10,000)

<https://libguides.uta.edu/utacares/grants>

UTA CARES Grant Program offers funding to support the adoption, modification, and creation of OER and other affordable course content. Currently accepting applications for adoption stipends only. <https://libguides.uta.edu/utacares/grants>



Advanced Search

Title
Author
Subject
Source
Link

Search

Advanced Search

UTA Libraries assist with OER discovery- we can help you find OER to adopt in your courses. The guide on Free Resources by College can get you started. It links to several resources for locating OER, including OASIS, a discovery tool that allows you to search multiple OER repositories at once. OER published by Mavs Open Press are indexed in the OASIS source files.

<https://libguides.uta.edu/freeresources>

Open Textbook Workshops

Attend an Open Textbook Workshop to discover open textbooks in your field. After the workshop, you'll be asked to write a short review of an open textbook from the [Open Textbook Library](https://libguides.uta.edu/OERgrants/workshops). Your review will benefit other faculty considering open textbooks, and you'll receive a \$200 stipend for your participation and written review.

<https://libguides.uta.edu/OERgrants/workshops>

Sign up for email notices <https://bit.ly/3l3wtEt>

We offer numerous professional development opportunities each year, including Open Textbook Workshops. Two workshops will be hosted in Fall 2020. Sign up for email notices to receive an announcement when the Fall dates are scheduled.

<https://bit.ly/3l3wtEt>

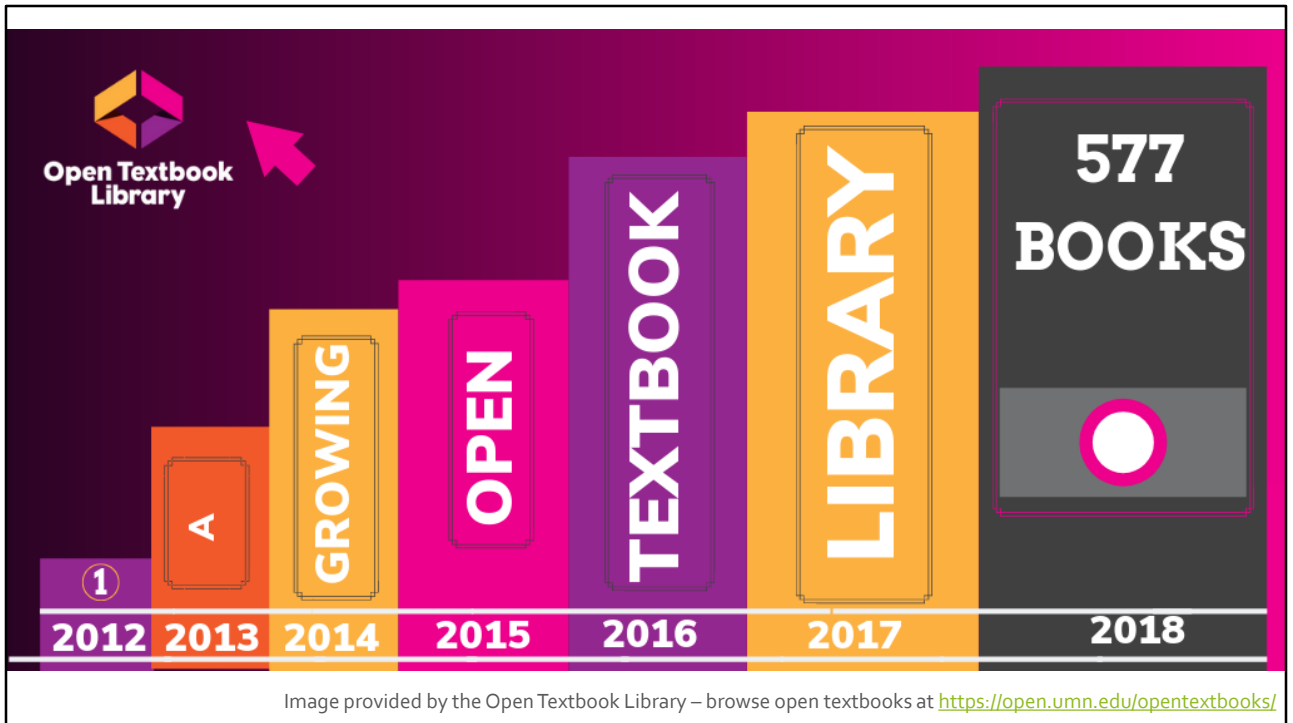
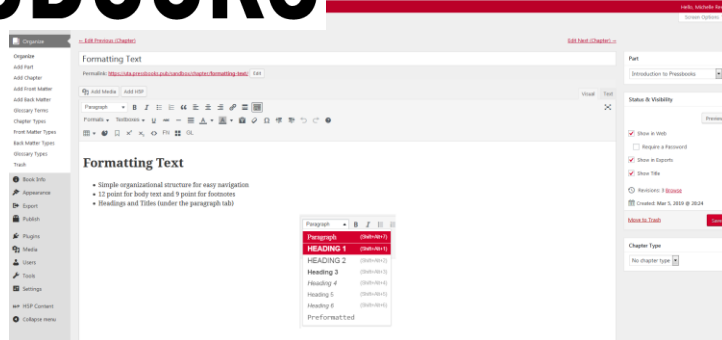


Image provided by the Open Textbook Library shows “a growing open textbook library” with 1 book in the collection in 2012 and 577 books in 2018. Browse open textbooks at <https://open.umn.edu/opentextbooks/>.

Modify or Create OER

PB PRESSBOOKS



<https://uta.pressbooks.pub/>

We use Pressbooks as our creation and dissemination platform for OER. Pressbooks is an open source tool derived from WordPress. It offers an easy-to-use text editor with automatic exports in a variety of formats.

Aida Allen

Mathematics

2019 UTA CARES
Adoption Stipend

OpenStax open
textbook

Key Findings:

- Business Math at UT-Arlington has experienced low success rates in the past. Passing rates of 55-60% is a norm for this course. During the open textbook adoption, my success rate (A, B, C) was 87%.

“

...often math instructors think it is impossible to teach this course with an open text because most instructors are used to Pearson products. This experience has helped me see how my choice of course materials can either burden or uplift my students. I know that some of the students in the class were homeless at the time and knowing that they were not required to purchase \$100 materials has reminded me that my work is meaningful.

”

UTA CARES Grantee feature. Aida Allen received an adoption stipend for transitioning to an open textbook and reported significant improvement in success rates in a math course.

Dr. Habib
Ahmari

Civil Engineering

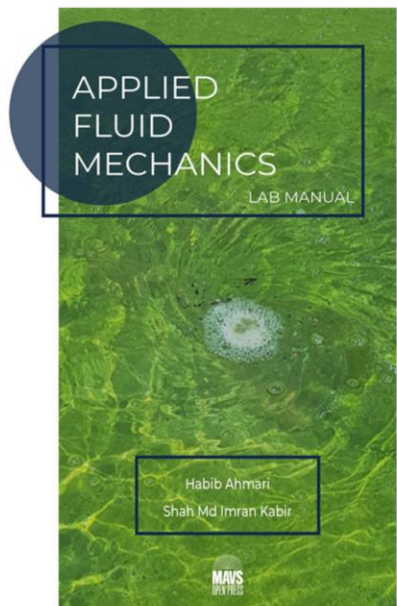
2018 UTA CARES
Innovation Grant

Flipped classroom
& creation of lab
manual w/ video

Key Findings:

- Course grades improved
 - 12% to 47% A
 - 61% to 42% B
 - 20% to 8% C
 - 6% to 3% D
 - 0% F
- Time spent on prep decreased
 - 8.2 hrs/week to 4.8 hrs/week

<http://hdl.handle.net/10106/28408>



<https://uta.pressbooks.pub/appliedfluidmechanics/>

UTA CARES Grantee feature. Dr. Habib Ahmari received an innovation grant for creating an OER and reported improvement in course grades while students also reported spending less time preparing for course.

From final report:

“The grade distribution also signifies that the implementation of the OER method played an important role in students’ performance in this course. Figure 5 compares the grade distribution of lab reports, quizzes, the final exam, and the overall grade. The percentage of students who obtained grade A in their lab reports increased significantly, from 59% in the traditional-based semester to 84% in the OER-based semester (Figure 5a). The percentage of students who earned grade B decreased from 29% to 8%. The students’ overall grades were 47%A and 42% B in the OER-based semester, whereas in the traditional-based semester, 12% earned an A and 61% earned a B(Figure 5d). The grade distributions for the quizzes and final exam did not show significant variability between these two semesters (Figures 5b and5c).”

Alicia Soueid

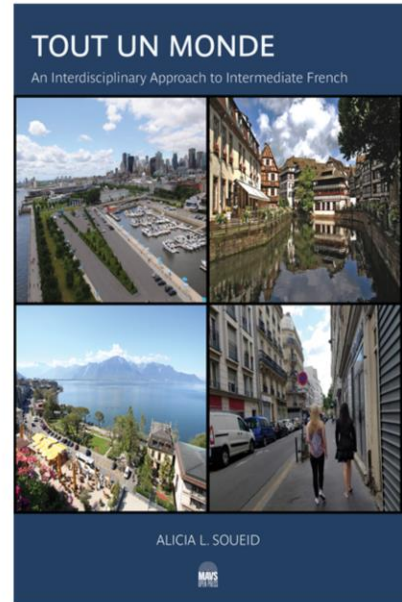
French

2017 UTA CARES
Grant Recipient

Creation of new
open textbook

Student Feedback:

- The textbook given to us this semester was absolutely amazing
- [My professor] wrote a really engaging and fun French book!



<http://hdl.handle.net/10106/28404>

UTA CARES Grantee feature. Alicia Soueid's intermediate French textbook has been well-received by students, who have described it as amazing, engaging, and fun. The book is being revised in UTA's Pressbooks instance to include interactive assessment, such as fill-in-the-blank and multiple-choice questions.

Reporting Free Resource Use

▼ Additional Search Criteria

Meeting Start Time greater than or equal to

Meeting End Time less than or equal to

Days of Week include only these days

Mon Tues Wed Thurs Fri Sat Sun

Instructor Last Name begins with

Class Nbr

Course Keyword

Minimum Units

Maximum Units

Course Component

Session

Mode of Instruction

Campus

Location

Course Attribute Educational Resources Cost

Course Attribute Value

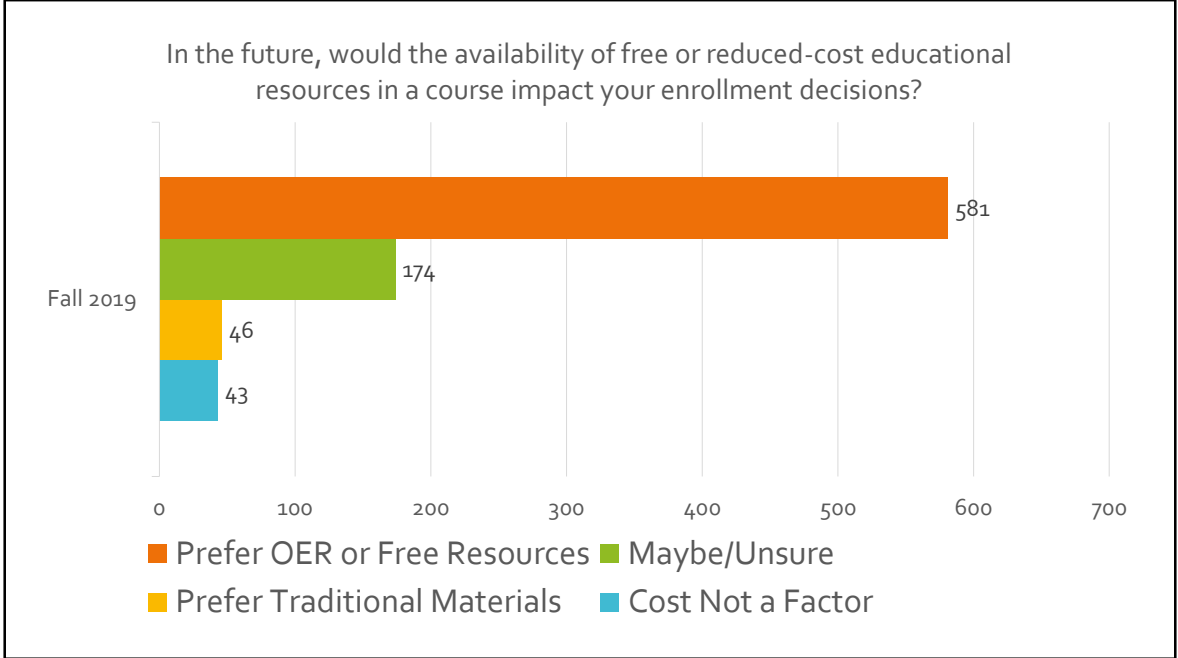
Resources should be reported before the first day of registration whenever possible, generally:

Fall & Summer Courses - April 15

Spring Courses - October 15

<https://libguides.uta.edu/utacares/report>

If you use OER or other free resources in your courses, please be sure to report your use as early as possible through the forms linked on our reporting guide. This allows us to tag courses that use OER in the schedule of classes so students can search and filter by cost. Making this information available helps students plan their budget and make educated enrollment decisions. <https://libguides.uta.edu/utacares/report>



Data from UTA CARES student survey distributed in Fall 2019. When asked if the availability of free or reduced-cost resources would impact enrollment, most students said they would prefer to enroll in a course that uses OER/free resources (581). Approximately 20% of students said it depends (174), and 5% each said they would prefer traditional commercial materials or that cost is not a factor.

Thank You!

Contact us at oyer@uta.edu
Sign up for updates <https://bit.ly/3l3wtEt>

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Free Resources by College <https://libguides.uta.edu/freeresources>
OER Department Home <https://libraries.uta.edu/about/dept/oyer>
OER from Mavs Open Press <https://uta.pressbooks.pub/>
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Subject Librarians <https://libraries.uta.edu/research/librarians>
UTA CARES Grant Program <https://libguides.uta.edu/oyergrants>

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