

# Supporting Student Success and Closing Equity Gaps with Affordable Learning Solutions

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Connecting the cost of course materials to student success strategies



Showcasing easy access to free and open educational resources



Overview of Affordable Learning Solutions- an institutional strategy



Examples of institutional outcomes

## Affordability is not about the price of textbooks.

## Affordability is about what students can pay.



 About 1/3 of all CSU students get enough financial aid to cover tuition, books, and course supplies (but not enough to live on).

 About 50% of undergraduates are Pell-eligible, meaning that their families cannot afford to send their children to college.



### What is affordable for students?

About 11% of students in the Cal State
 University system experience homelessness

 About another 41% of the students experience some degree of food insecurity CSU study (2018).

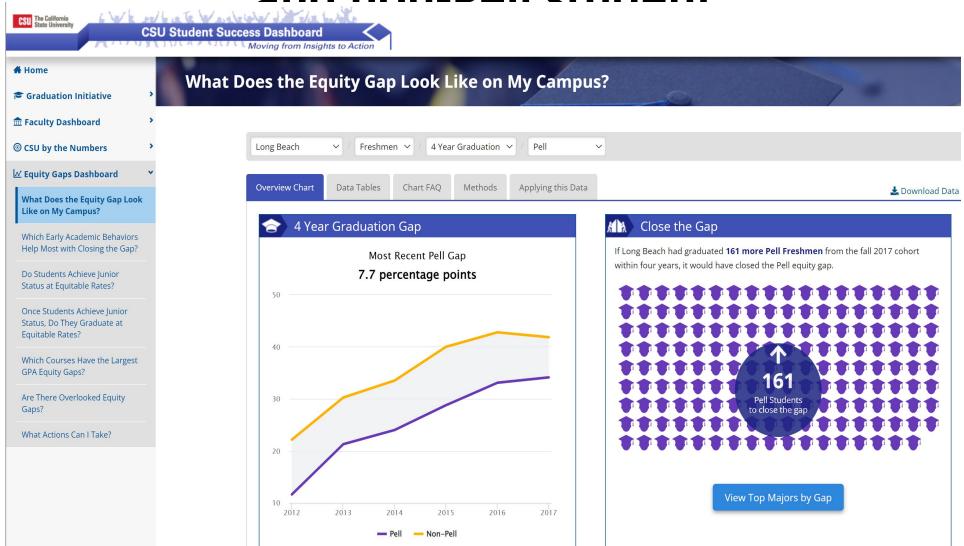
https://www2.calstate.edu/impact-of-the-csu/student-success/basic-needs-initiative

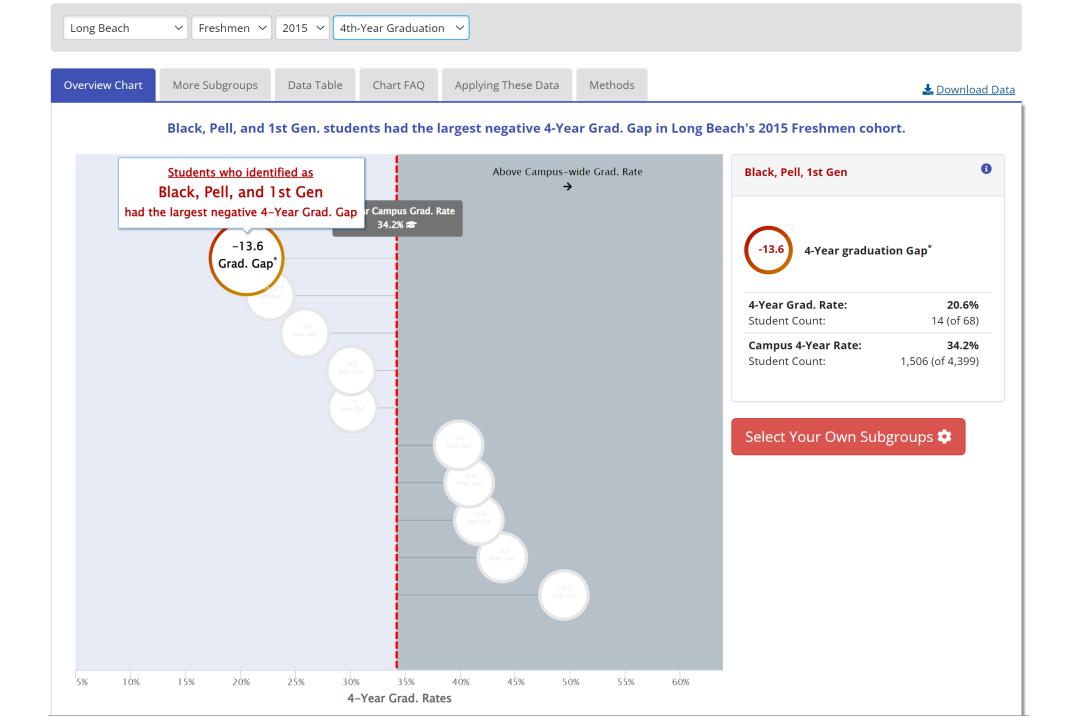
## Let's explore some data about factors that impact student success....



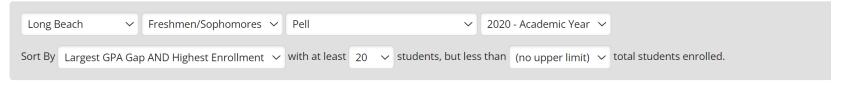
https://csusuccess.dashboards.calstate.edu

## At CSULB, there is a 7.7% points gap in the 4-year graduation rates between Pell and non-Pell student





#### Which Courses Have the Largest GPA Equity Gaps?



- Equity gaps also exist within courses...

Here are Long Beach's top ten GPA equity gap courses for Freshmen - Sophomores



## Textbook Affordability Affects Access to Education and Graduation in a Timely Manner

2018 Florida students' responses to costs (survey)

- 64% Report they don't buy at least 1 textbook...
- 42.8% Report they take fewer courses ...
- 35.6% Report they earn a poor grade ...
- 22.9% Report they fail a course ...

#### BECAUSE OF THE COST OF

#### **TEXTBOOKS**

Are we trying to raise our Graduation Rates?

Are we trying to close Equity Gaps?



### Imagine saving every student at CSULB

\$125 per semester – cost of 1 new textbook.

With 40,000 CSULB students,

We can save students...

\$10 Million EVERY YEAR

## How to deliver the \$10M in "financial aid" to students?

Where do you find no and low-cost course materials that faculty can choose to adopt?

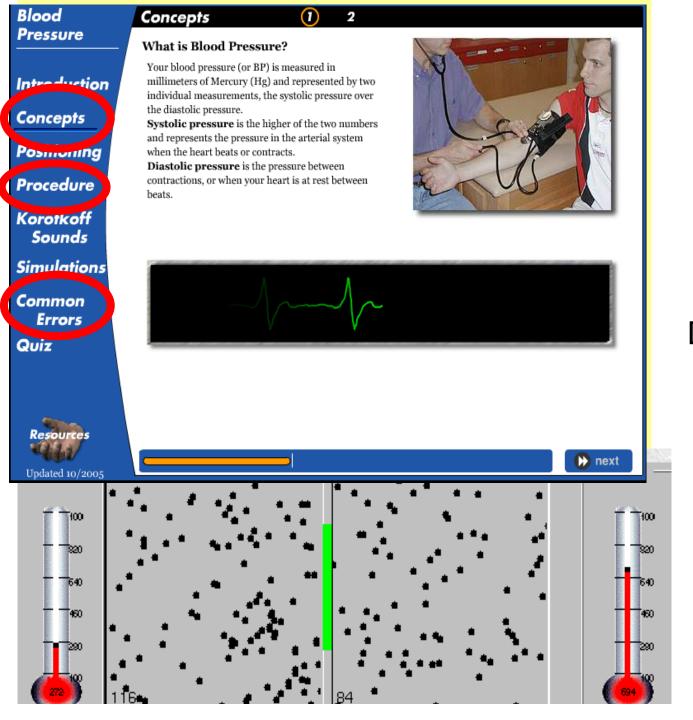
#### An Invitation to "OPEN" DOORS for ALL TO LEARN

- Open Educational Resources (OER)
- OpenCourseWare (OCW)
- Open Enrollment (MOOC's)
- Open TextBooks
- Open Access Journals

OPEN = Free of Cost

- = Permissions to Use
- = Free to Choose How to Learn In Your Context

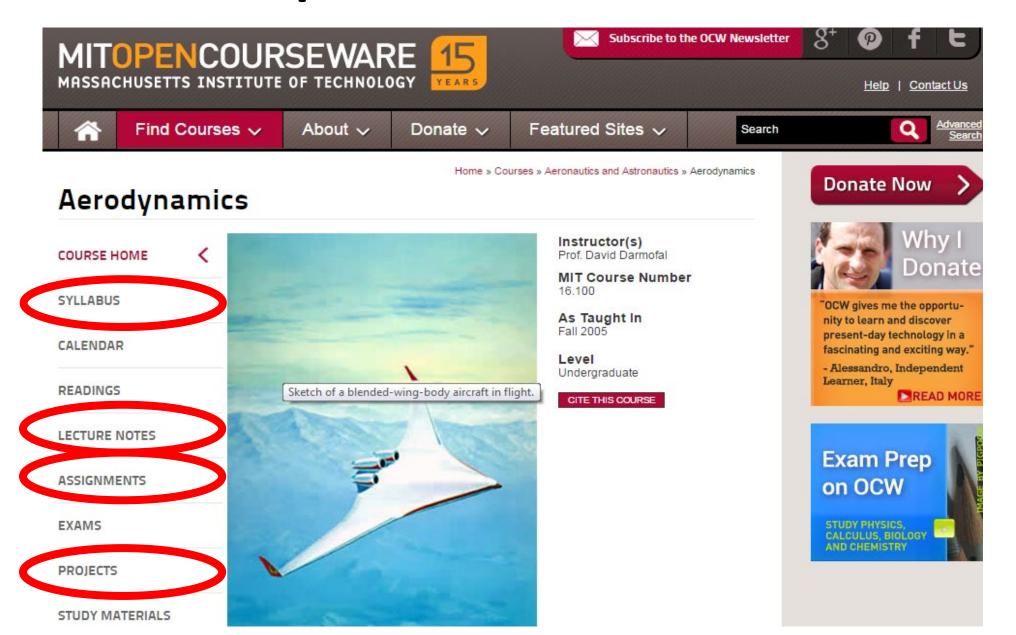




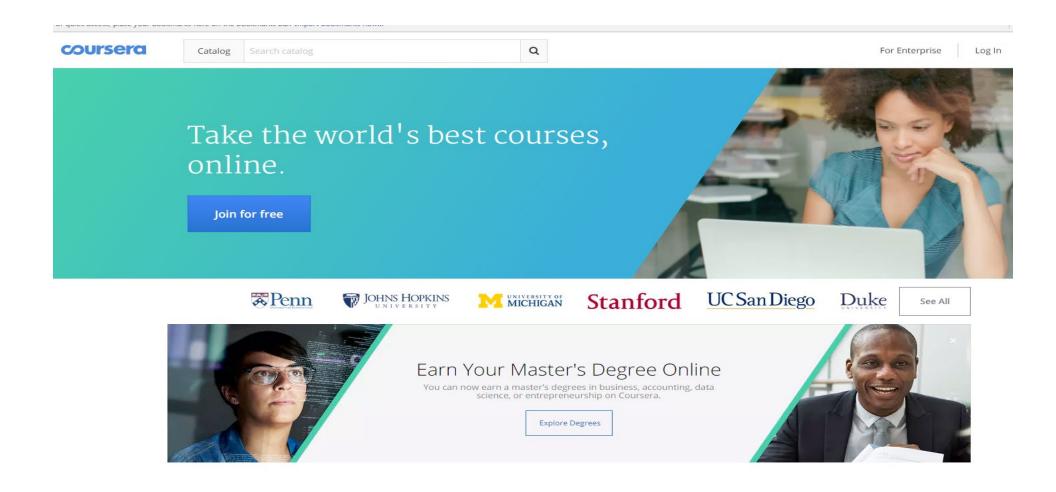
## Open Educational Resources:

**Simulations Animations Tutorials Presentations Drill and Practice ePortfolios Assessments** Collections Virtual Labs etc.

### **OpenCourseWare**



## MOOCs – Open Enrollment



Top Specializations

See All







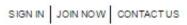




### Open Textbooks









Access. The Future of Education.

OUR BOOKS >

FACULTY

STUDENTS

**ADMINISTRATORS** 

STAXDASH

NEWS

HELP US

ABOUT US

FREE. OPEN-SOURCE. PEER-REVIEWED.

HIGH-QUALITY TEXTBOOKS FOR YOUR COLLEGE COURSE.

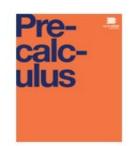


















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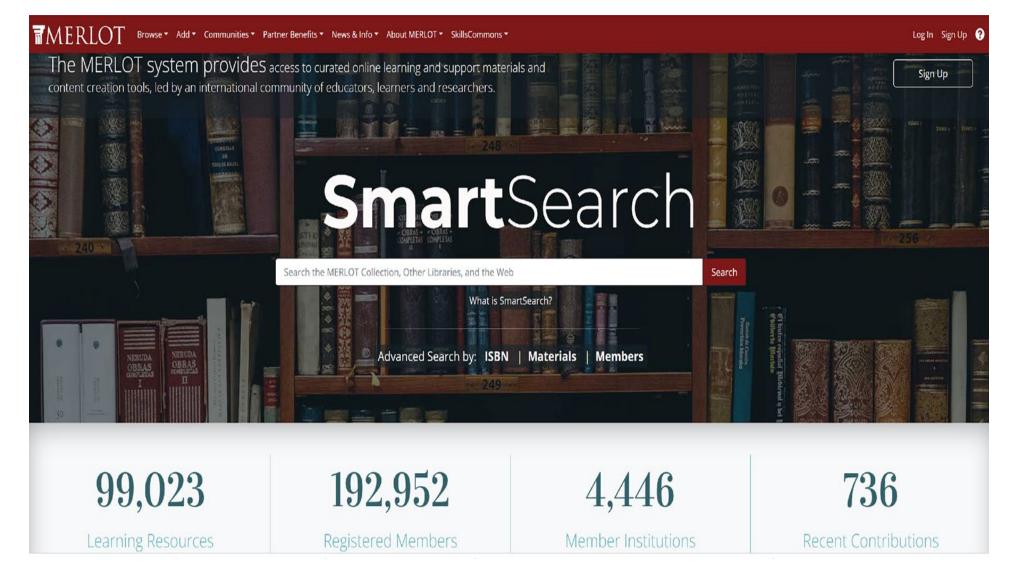




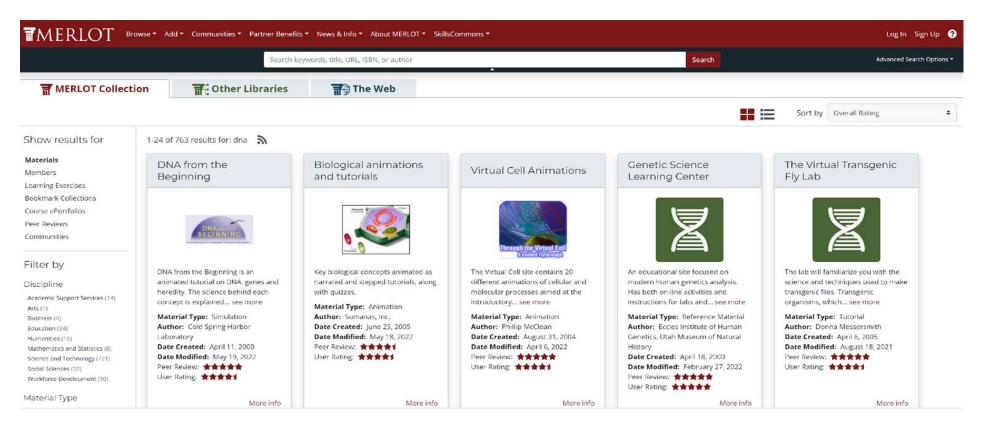
# TALE TO TO THE Multimedia Educational Resource for Learning and Online Teaching

- Free and open library created & administered by the California State University since 1997
- Over 99,000 free and open online instructional materials in wide range of disciplines & levels
- Over 190,000 registered members in MERLOT IT'S FREE!
- EXPLORE <u>www.merlot.org</u>





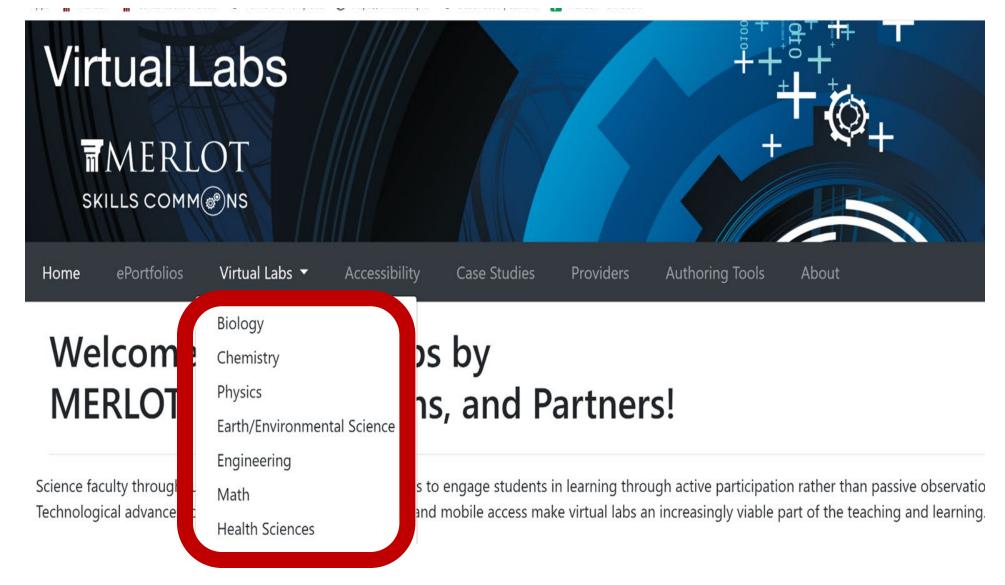
## www.merlot.org



MERLOT provides access to animations, simulations, presentations, tutorials, case studies, and over 10 other types of materials

MERLOT has 24 editorial boards of SME from around the world to assess the quality of the learning resources

MERLOT simultaneously searches over 70 other instructional libraries so you can always find what's "out there".



https://virtuallabs.merlot.org

## Content without Practices Goes Nowhere

- How do I adopt OER in my classes?
- How do I redesign my teaching & curriculum so more students succeed?

### Explore our new free and open portal for Open Educational Practices

## http://oep.merlot.org



#### Open Education Practices: Sharing Through ePortfolios

To advance open educational practices (OEP), MERLOT and SkillsCommons have designed this OEP portal to enable easy discovery and sharing of free, open, and exemplary collections of ePortfolios along with tools, templates, and guidelines that showcase open practices in higher education.



#### **Moving Online**

The COVID-19 pandemic required higher education to quickly transform their instruction to online modalities. MERLOT



#### Course Redesign with Technology

Over 700 faculty have authored open teaching ePortfolios on how they redesigned their courses with technology



#### Affordable Learning

Over 100 faculty have authored open ePortfolios about how and why they've adopted and taught with free and open

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### ePortfolios on Adopting OER



#### **Principles of Economics**

#### **CSU Instructor Open Textbook Adoption Portrait**

**Abstract**: This open textbook is being utilized in an economics course for high school students who seek college credit by Abbas P. Grammy, Ph.D. at California State University Bakersfield. The open textbook provides a large number of brief chapters covering both economic theory and applications. The application section covers many social issues such as poverty, inequality, discrimination, immigration, globalization, unemployment, and inflation. The main motivation to adopt an open textbook was to save money for students. Most students access the open textbook online.

COOLforED is a service of the California State University-MERLOT program.

Partial funding provided by the State of California, the William and Flora Hewlett Foundation, and the Bill and Melinda Gates Foundation.

Ouestions? Email cool4ed@cdl.edu

#### About the Textbook

#### About the Course

#### **Textbook Adoption**

#### **Principles of Economics**

#### Description:

Principles of Economics covers
the scope and sequence for a
two-semester principles of
economics course. The text also
includes many current examples,
including; discussions on the
great recession, the controversy
among economists over the Affordable Care Act



#### ECON 100: The Economic Way of Thinking

#### Description:

Introduction to economic analysis. Topics covered include microeconomic theory and application and macroeconomic theory and policy. Also, an in-depth study of into selected topics and current events.

#### **OER Adoption Process**

Because most of my students come from low-income families, I wanted to help save them money on the textbook. My department chair recommended the textbook to me. The faculty at my institution are adopting a policy of using e-textbooks in introductory and principles of economics courses.

The textbook comes with an excellent test bank. I brought a selection of chapter questions to the class to have students practice and learn what to expect in

## AFFORDABLE LEARNING SOLUTIONS

### **Affordable Learning Solutions**

Institutional strategy to provide students no cost and low-cost instructional materials that enable their successful learning and course completion.

## AL\$ Strategy

## **Enabling Ecosystems**

with policies, leadership, business models

## **Developing Demand** with

communications, training, & professional development

#### **Creating Capabilities**

with convenient & affordable access to content through technologies

#### **Building Bridges**

between siloed groups that need to collaborate

#### **Aggregating Allies & Assets**

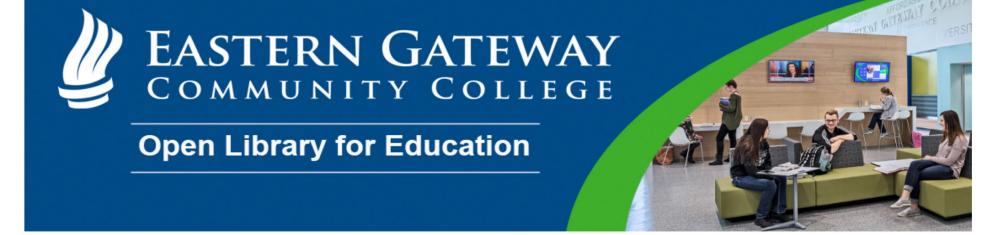
Identify all the resources and organizations that can be part of the solution

## AY 2022-2023: CSULB AL\$ Program Is Getting A Boost

- The ATS Team and I will be working together to design and deliver some professional development webinars/workshops for faculty to learn more about AL\$ and to support their choice of more affordable learning solutions.
- Lesley Farmer (College of Education) will be designing and delivering some professional development webinars/workshops for faculty to learn more about ICT (Information, Communication, and Technology) Literacy so students (and faculty) are better prepared to use free and open digital resources and technologies in successful instruction.
- Elaine Bernal (Dept of Chemistry) will be designing and delivering some professional development webinars/workshops for faculty to learn more about using free and open virtual labs so students and faculty are better prepared to use free and open digital resources and technologies in project-based/inquiry-based learning strategies.

MORE INFO ABOUT THE CSULB AL\$ PROGRAM WILL BE FORTHCOMING





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GENERAL EDUCATION

CAREER AND TECHNICAL EDUCATION

VIRTUAL LABS FACULTY SHOWCASE SHARE

ABOUT US

#### Eastern Gateway Community College Open Library for Education



#### FIND

Looking for FREE and OPEN online materials for your courses?

FREE and OPEN eTextbooks

FREE and OPEN Course Materials

FREE and OPEN Online Courses



#### **SHOWCASES**

Looking for courses in academic disciplines that have recommended FREE and OPEN eTextbooks selected for them?

Looking for FREE and OPEN courseware and curriculum for career and technical education (CTE)



#### **ACCESSIBILITY TOOLS**

Looking for guidelines, tools, and methodologies for evaluating accessibility of the wide range of materials produced by the TAACCCT program? Explore the resources and tools for accessibility evaluation applied for these resources. With these tools, technologies, and technical assistance....

## How did Eastern Gateway Community College save students \$22.6 Million?

Spring 2020: Enrollment = 28,898

Savings: \$7.8M

Summer 2020: Enrollment = 11,386

**Savings = \$3.5M** 

Fall 2020: Enrollment = 38,703

**Savings: \$11.3M** 

### Overview of EGCC strategy

- Identify which courses to target
- Work with faculty to plan for the change
- Support faculty making the change
- Support from leadership
- Leverage existing OER for immediate benefit
- Assess the financial impact

### **Bethune-Cookman University AL\$**

#### Bethune Cookman Open Educational Resources





HOME

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FACULTY SHOWCASE COURSE SHOWCASE

VIRTUAL SE LABS CAREER AND
TECHNICAL EDUCATION

SHARE

**EVENTS** 

ABOUT

In response to COVID-19, we have organized free resources to help teach and learn online.

#### Welcome to B-CU BeCool4ed.org

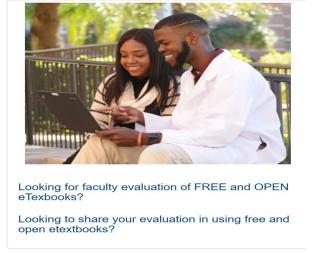
Bethune-Cookman University's Open Education Resource Library

#### What is B-CU BeCool4ed.org?

This eLearning portal is a partnership between Bethune-Cookman University and the MERLOT (Multimedia Educational Resource for Learning and Online Teaching) organization. It represents Bethune-Cookman's's commitment to promoting student success by providing affordable educational alternatives to traditional textbooks and quality digital learning materials for the cookman and the cookman university and the MERLOT (Multimedia Educational Resource for Learning and Online Teaching) organization. It







### **BCU- General Education Strategy**

- Executive Leadership "invited" every department to participate, with a focus on General Education courses
- Be-COOL4ed website provided collection of free and open educational resources for GE courses
- Professional development workshops and connection to a large HBCU AL\$ initiative
- In 2 years, ALL GE courses used free and open educational resources for their courses except GE biology lab (which they working on).

### https://Affordablelearningsolutions.org

ALS is lending a hand to empower students to continue their education through the use of low/no-cost learning resources to bridge some of the material that is not covered in their courses. Explore OERs, low-cost, and library resources below to learn about the immense collection available to you! #ALSLendsaHand







CSU's Affordable Learning Solutions enables faculty to choose and provide more affordable, quality educational content for their students. By reducing CSU student course material expenses, more students acquire the course materials they need to succeed and benefit from their CSU learning experience. Now CSU faculty and students have greater access to quality free and lower cost learning materials through a variety of ALS programs and partnerships.



Your guide for ALS advocacy on your campus and potential low/no cost textbook resources.



Your guide to your campus ALS initiative and faculty low/no cost materials' case studies.



-12 yrs. of AL\$

**Cal State** 

University

**System** 

-State & Grant \$

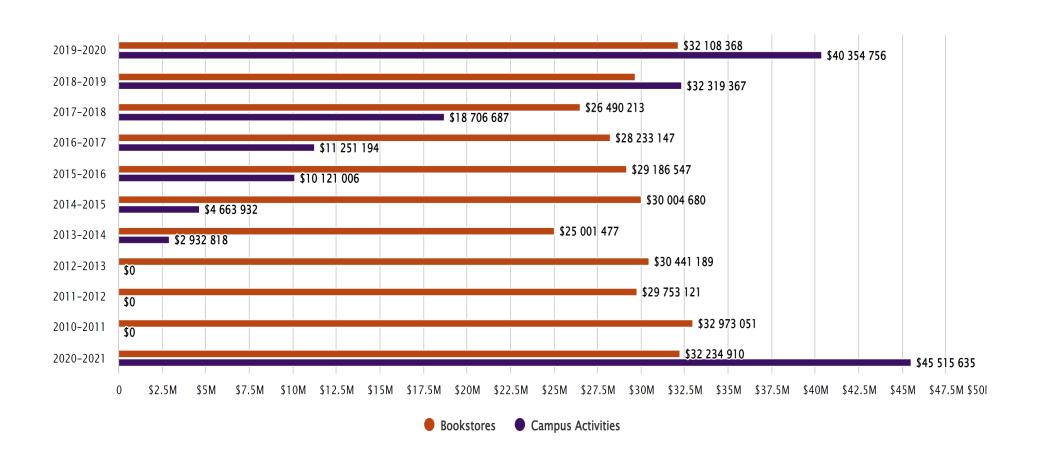




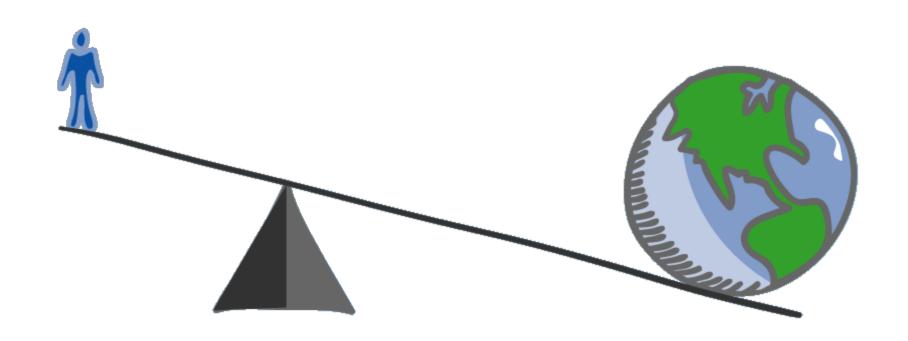


-State Legislation

## \$77+M in savings in 2020-2021 in CSU

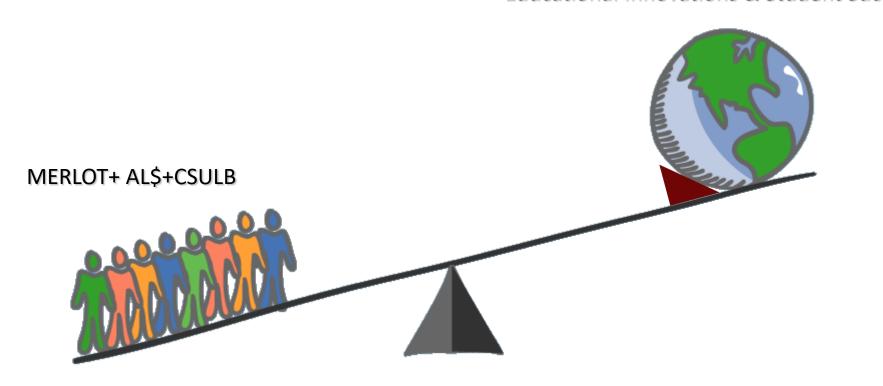


## Shall We Be Open For Our Students Success?



## And Move the World With Innovations?

**Educational Innovations & Student Success** 



## QUESTIONS?

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