## DEVELOPING OER DEMAND AND SKILL SETS An HBCU AL\$ Summer Series Workshop









Led by Tennessee State University and supported by the California State University Long Beach MERLOT and SkillsCommons and MIT OpenCourseWare teams, the collaboration and community of Historically Black Colleges and Universities (HBCUs) are designing and deploying strategies making higher education more affordable by reducing the cost of course materials and increasing culturally responsive content.

The HBCU Affordable Learning Solutions (AL\$) project provides any HBCU free access to the tools, technologies, and some services for them to initiate their own AL\$ program and learn from their HBCU colleagues.

This project is made possible through the essential support from the William and Flora Hewlett Foundation.















# Planning is Critical for Creating an OER Mindset and Sustaining Implementation

## Agenda

- Strategies for finding, revising, remixing and reusing OER
- Examples of OER reuse
- Creating an OER derivative
- Adding to the HBCU Cultural Collection

## What is OER and Why Are They Important?



## Open Educational Resources (OER)

### Anyone can freely:

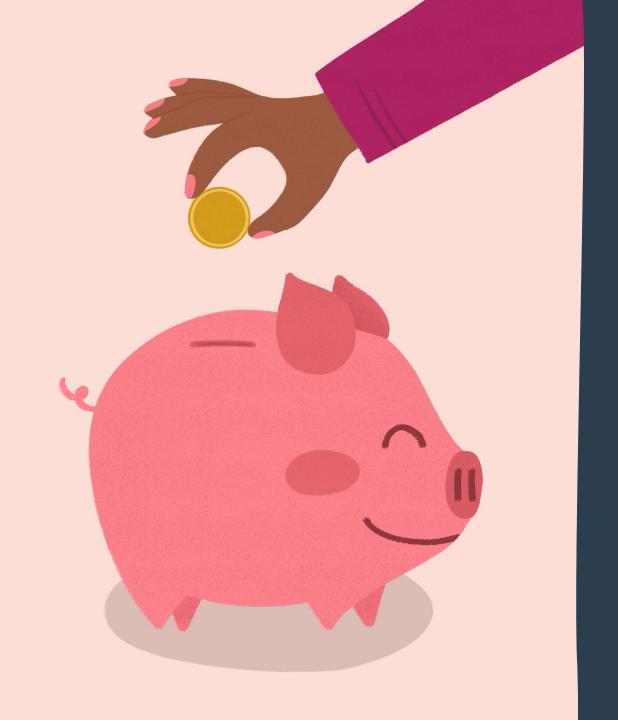
- Reuse
- Revise
- Retain
- Redistribute
- Remix

## Why Are Educators and Trainers Interested in OER?

• **FREE** instructional materials help reduce costs in higher education

• **QUALITY** materials across all disciplines and sectors





What Are the Benefits of OER?

Reduce
Production Time
and Financial
Costs

#### HBCU CULTURAL COLLECTIONS



#### **OUR GOALS:**

The HBCU Affordable Learning Community is building a collection of free and open educational resources to support faculty and students te learning in Africana, African American, and Black Studies programs as well as bringing the Africana, African American, and Black Studies context into all disciplines. We know the topic areas within the collection will expand over time with the participation and leadership of the H community.

Explore all the MERLOT Members with expertise across many disciplines who are me HBCUs:

- Academic Support Services
- Arts



#### Finding More Open Educational Resources

♣ Home → Finding More Open Educational Resource

Reusing OER developed by others is one of the major goals of SkillsCommons. Anyone engaged in workforce development can save time money, and effort by reusing the existing OER in SkillsCommons and in other OER collections available on the web.

To help you find more OER, we, along with Creative Commons, created a "one stop shop" for OER resources on SkillsCommons

SkillsCommons' "One-Stop-Shop" for OFB Collections

#### Finding more free and open resources with MERLOT

MERLOT (Multimedia Educational Resources for Learning and Online Teaching at www.merlot.org) is a free and open online library of over 92,000 free and open educational resources, with over 37,000 with a Creative Commons Iscense. MERLOT is administered and led by the California State University since 1997 and has over 500 higher education institutions represented in the system and campus partners within the MERLOT Consortium. MERLOT's over 168,000 individual members continue to build the collection, with over 600 faculty, students, librarians, staff, administration, consultants, healthcare crossissions, and content developers sioning for the per month.

You can find a wide range of online materials of different types (22) – animations, assessment tools, learning assignments, mobile apps, collections, simulations, tutonisis, as well as free and open textbooks and free and open courseware at www.merlot.org. The "What is Merlot?" You'libe video provides you a wilk through the website.

MERLOT provides a variety of services and portals for finding and reusing free and open educational resources

MERLOT Resources for Finding and Reusing Existing Free and Open Educational Resources:

- and open offine libraries and searches the World Wide Web using a custom Google search rubric to identify educationally relevant
- resources.

  Virtual Labs: The MERLOT portal provides easy access to virtual labs and simulations in STEM disciplines. The portal also includes teach-

## Where Can | Find OER?

#### MERLOT HBCU Portal, Cultural Collection

https://www.hbcuals.org/

#### **MERLOT Smart Search**

• https://info.merlot.org/merlothelp/topic.htm#t=MERLOT\_Smart\_Search.htm&rh search=finding%20oer&rhhlterm=find%20oer

### **SkillsCommons Support Center**

https://support.skillscommons.org/home/discover-reuse/finding-more-oers/

#### MIT Open CourseWare

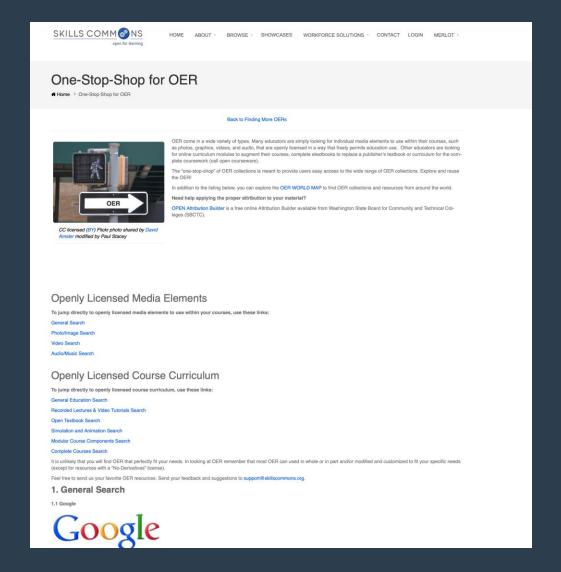
https://ocw.mit.edu/

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VIRTUAL LAL

## One Stop Shop for OER on SkillsCommons



https://support.skillscommons.org/ home/discover-reuse/findingmore-oers/find-oer/





The MERLOT Homepage



#### MERLOT Collection





you've found or created to the

MERLOT Collection.



Use Content Builder to create a webpage or site to host your own learning materials.



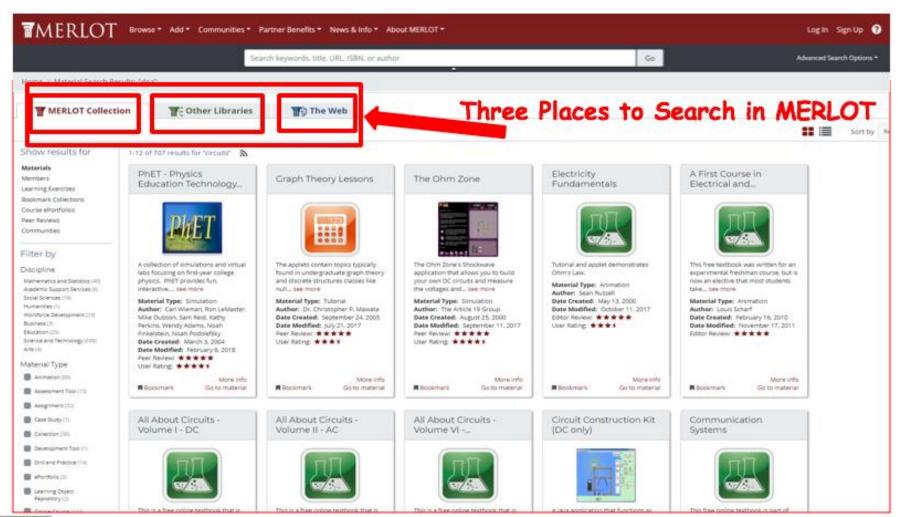
Build your entire course - from prerequipmes to online resources to







### Three Places to Search





### MERLOT Collection



Browse by Discipline

All Disciplines



Add a Material

Submit an online learning material you've found or created to the MERLOT Collection.



Create a Material

Use Content Builder to create a webpage or site to host your own learning materials.



#### Create a Course ePortfolio

Build your entire course - from prerequisites to online resources to assessment.

### Community Portals

MERLOT Community Portals include 1) academic discipline content supported and curated by content experts, 2) communities that support institution-wide academic programs, and 3) those built and maintained by our partner institutions.



Academic Discipline Portals



Academic Support Portals

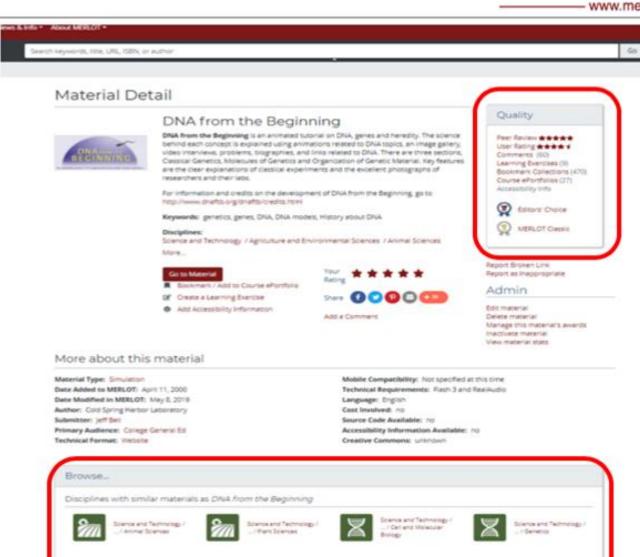


Partner Portals



People who viewed this also viewed





Biological animations

Neuroscience for Xids



## MERLOT - SkillsCommons Technical Assistance Services



### We enable YOUR SUCCESS with expertise from our team and our community!

- Strategic Planning so you can leverage SkillsCommons.
   MERLOT, and OER
- Innovation Planning so you can adopt exemplary programs and strategies
- Communication Planning through storytelling tools and guidance
- Program Implementation Support with process & change management services
- **Technology Support** for sustaining and scaling your use of SkillsCommons and MERLOT technology

## Open Educational Practices Portal: Giving You the "Know-How" for Adopting OER

Home

Capturing & Sharing OEP

Course Redesign Affordable Learning Career & Technical Education Virtual Labs Quality Assurance •

Moving Online About

Q

### Open Educational 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



Course Redesign with Technology

Over 700 faculty have authored open teaching ePortfolios on how they



Affordable Learning

Over 100 faculty have authored open ePortfolios about how and why they've

https://oep.merlot.org/

## Better Support Features

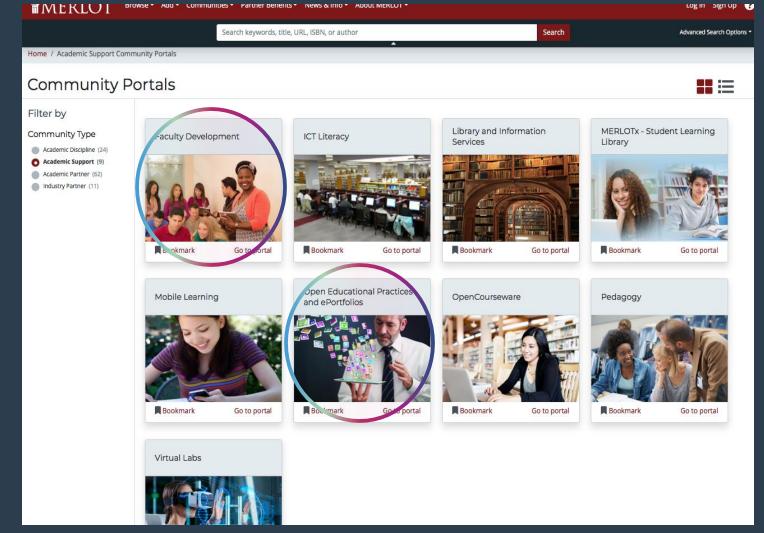
Having Content is Nice and All, But We Know You Need More.

### **Community Portals**

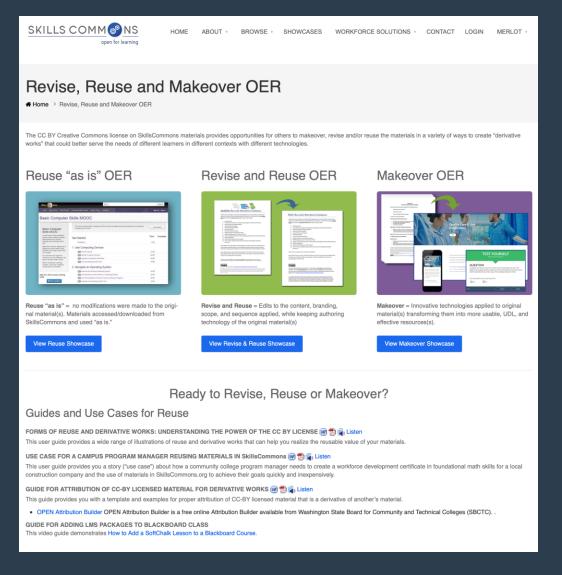
https://merlot.org/merlot/communities.htm?ty pe=1&fromAdvancedSearch=true

### **HBCU Hubs**

https://merlot.org/merlot/communities.h tm?type=2&fromAdvancedSearch=true



## Strategies for Revising, Remixing and Reusing OER



# You Can Reuse OER "As Is" or Change in Ways that Better Suit Your Needs Due to Open Licensing

## **c**creative commons

#### Reuse "as is" OER Showcase

# Home > Reuse "as is" OER Showcase

#### Back to Revise, Reuse Makeover Showcase

Explore our Showcase of SkillsCommons material that has been reused by others. These showcases demonstrate how you can reuse the OER materials created by TAACCCT grant recipients and others.

#### What is Reuse?

Reuse "as is" = no modifications were made to the original material(s). Materials accessed/downloaded from SkillsCommons and used "as is."

#### Basic Computer Skills MOOC

The material was created by Northcentral Technical College and reused by Northwest





Northwest State Community College in Ohio is reusing this Basic Computer Skills MOOC that was submitted to SkillsCommons by the Intentional Networks Transforming Effective and Rigorous Facilitation of Assessment, Collaboration, and Education

(INTERFACE) project. This course is helpful to students struggling with basic computer literacy. The Ohio Workforce Investment Board (WIB) is also using this course "as is" to assist people who are looking for employment, but lack basic computer skills. No changes or modifications have been made to this course.

Original Material: Basic Computer Skills Course

Reused Material: Basic Computer Skills MOOC



#### Healthcare iPad Simulations

Advancing Career and Training for Healthcare (ACT) – ACT for Healthcare is a statewide project with participation from all 6 colleges in the Wasconsin Technical is alse Bystem. The goals of ACT are to increase attainment of degrees, certifications, certificates, cptilinears, and other inclusity-recognized cordentials that match the skills recided by employers to better prepare TAA-slight workers, veterans, and other activities for high-wage, high-skill work with 48 employers and industry representatives to develop, modify, and implement career pathway in identified occupational area to inprove and accelerate training and employment outcomes: 2452 participants served, 1562 participants will be completing a program study of the control of the contr

Original Materials: ARISE Simulations

Reused Material: Augmented Reality Healthcare Scenarios



#### Mechatronics Technology Certificate Program

The National STEM Consortium academic certificate in Mechatronics Technology is built on a 30-semester-credit model and is mapped to the Siemens Mechatronic Systems Level certification. The skills taught include electrical, mechanical, and computer technologies. Graduates are prepared for entry-level Mechatronics positions in almost every industry.

Original Materials: National STEM Consortium Materials

Reused Material: Mechatronic Technology Certificate Program



# Fine Examples of Revising & Reusing OER in SkillsCommons and Tools to Help You Build Your Own BookMark Collections in

Material for writing course

Date Added: July 20, 2022

Author: Maria Fieth

development

Back to Revise, Reuse Makeover Showcase thers. These showcases demonstrate how you can reuse the OFR materials created by TAACCCT grant recir FIMERIOT Browse - Add - Communities - Partner Benefits - News & Info - About MERLOT - SkillsCommons -Mi Maria ▼ ? Search keywords, title, URL, ISBN, or author Search Advanced Search Options Examples of Revise & Reuse Discipline Increasing efficacy in Med-Surg collection for Possible resources for tvise and reuse the materials in a Academic Support Services (5) online... Idaho's... World... tter serve the needs of different Arts (2) Business (3) 1 Bookmark 3 Bookmarks l Bookmark Subject Matter Expert Review Education (5) Health Sciences (5) Humanities (6) Mathematics and Statistics (1) Science and Technology (3) ge and reused by Northwest State Social Sciences (2) Workforce Development (2) vest State Increasing efficacy in online teaching Med-Surg collection for Idaho's Z-Possible resources for World and learning Degree development Mythology from Health Professions Pathway act was able to save time and mone Author: Maria Fieth Author: Maria Fieth Author: Maria Fieth strategy. Date Added: April 5, 2023 Date Added: August 30, 2022 Date Added: August 3, 2022 Go to Collection Go to Collection Go to Collection Material for writing Gathering materials for Elements of Literature course... Af Am Lit.. 1 Bookmark 7 Bookmarks 6 Bookmarks

Gathering materials for Af Am Lit Fall

Author: Maria Fieth

Date Added: July 20, 2022

Collection Starter for Idaho Z-Degree

Development

Author: Maria Fieth

Date Added: July 20, 2022

SKILLS COMM®NS

# Home > Revise & Reuse Showcase

Revise & Reuse Showcase

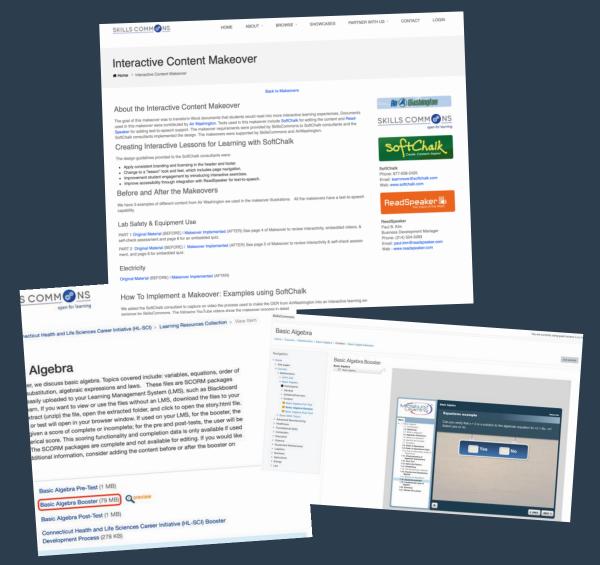
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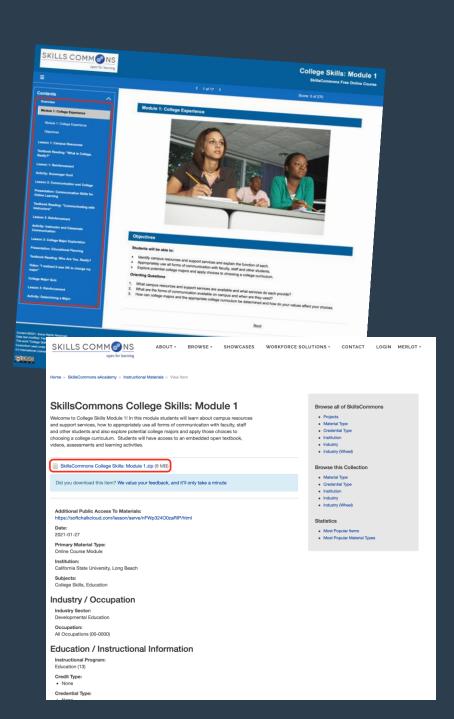
west State

y College and reused by Northwe

BROWSE + SHOWCASES WORKFORCE SOLUTIONS + CONTACT LOGIN MERLOT

## Creating an OER Derivative





## Adding to the HBCU Cultural Collection in MERLOT



#### **OUR INVITATION:**

With the support of the William and Flora Hewlett Foundation and our long-time partner MERLOT, the HBCU Affordable Learning Community invite you to help us build a diverse and inclusive collection of free and open educational resources that will strengthen the online educational voices of our community and share our voices with all educators and learners.

Explore the Africana, African American, and Black Studies collection in MERLOT

Our initial priorities in building the collection are:

- General Collection
- Biographies
- Black History Month
- HBCU Histories

Explore free and open educational resources related to African topics across disciplines in the broader MERLOT collection

- Academic Support Services
- Arts
- Business
- Education
- Humanities
- Mathematics and Statistics
- Science and Technology
- Social Sciences
- Workforce Development

Explore online resources across a wide range of other open online libraries using MERLOT's SmartSearch

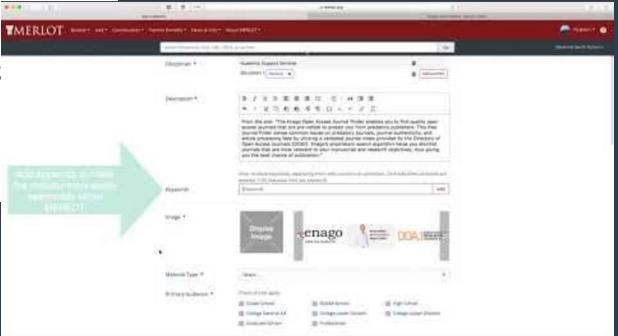
- Africana topics
- African American topics

Explore free and open educational resources that were AUTHORED by faculty affiliated with HBCUs and cataloged in the MERLOT collection

- Academic Support Services
- Arts
- Business
- Education
- Humanities
- · Mathematics and Statistics
- Science and Technology
- Social Sciences
- Workforce Development

Explore free and open educational resources that SUBMITTED by faculty affiliated with HBCUs and collection

- Academic Support Services
- Arts
- Business
- Education
- Humanities
- · Mathematics and Statistics
- · Science and Technology
- Social Sciences
- Workforce Development



## Next Workshop: June 25th 3:00 - 4:00 pm CT Register Here!

https://www.merlot.org/merlot/viewSite.htm?id=9162632&pa qeid=9185394





Workshops Designed to link Professional Development, Open Knowledge Product Creation, and Research and Evaluation to an Iterative and Holistic Capacity-building Process to Transform Institutional Culture

#### DELIVERABLES

- Add 2 New Hubs and Associated Affiliates (40 total)
- · Curation of Culturally Responsive Content
- Institutionalized Open Culture Campus Wide in 15 Locations
- · Professional Development including 5 Playbooks to Capture
- Proven Leadership Practices · Research and Evaluation



#### ROLES AND RESPONSIBILITIES



- 2 New Hubs
- 1 Hub : 2 Affiliates Hub Portals Undated
- · Minimum 1 ePortfolio
- · Expand Africana Cultural Collection in MERLOT
- · Institutionalize the Effort
- · Participate in Research

#### LEVERAGING OER WORKSHOP

and Skills Sets

June 11, 2024

3:00 - 4:00 pm CT

Creating OER

Finding OER

· Reusing OER

#### **Developing Demand**

#### SMART PRACTICES WORKSHOP Integrating Open

#### **Culture Practices into Existing Institutional** Structures

#### June 25, 2024

- 3:00 4:00 pm CT
- - ePortfolios
- Open Licensing
- · Remaking OER Accessibility Considerations
- Expand the MERLOT Cultural Collection



#### Portal Design and

- Upkeep
- · Expand the
- MERLOT Cultural Collection



#### SUSTAINABILITY WORKSHOP

#### Celebrating the Steps

#### July 9, 2024 3:00 - 4:00 pm CT

- Knowing What. to Celebrate and Whu
- Watching for
- Early Successes What We Are Learning



#### OPEN CULTURE PLAYBOOKS WORKSHOP

#### Understanding the Impact July 23, 2024 3:00 - 4:00 pm CT

- · Premise of the Open Culture Playbooks
- · The Research Process
- · Hub and Affiliate Roles
- · Expected Outcomes



#### SUCCESS STORIES WORKSHOP

#### **Enabling the EcoSystem** August 6, 2024 3:00 - 4:00 pm CT

- · Developing and Sustaining the Open Mindset Campus-Wide
- Engaging Stakehoders
- · Policy Development and Refinement
- · Change Management

## Questions



## Questions?

WebMaster@MERLOT.org

Gerry Hanley: Executive Director, MERLOT SkillsCommons Rick Lumadue: Director, MERLOT SkillsCommons Maria Fieth: Director, MERLOT SkillsCommons

