Faculty Senate Meeting April 19, 2023

Gentle Reminders

- Faculty Senate is an open and public meeting.
- Please, only Senators speak in the meeting unless the Chair or Chair-elect specifically calls on you to speak
  - Senators, please wait to be called by the Chair or Chair-elect.
- The public may address the Senate at the end of the meeting during public comment.
- Please share information from the faculty senate with the faculty of your department.

MONTANA STATE UNIVERSITY

Agenda

- Approval of Minutes
- FYI Items
- Informational Items
- Old Business
- New Business
- Courses and Programs
- Updates
- Senator’s Open Discussion
- Public Comment
- Adjourn

MONTANA STATE UNIVERSITY

BOZEMAN MONTANA

Approval FS Minutes 04/05/23

Do I have a motion to approve?

Any Discussion?

All those in favor of the motion or
Those not in favor of the motion indicate by saying…

MONTANA STATE UNIVERSITY

BOZEMAN MONTANA

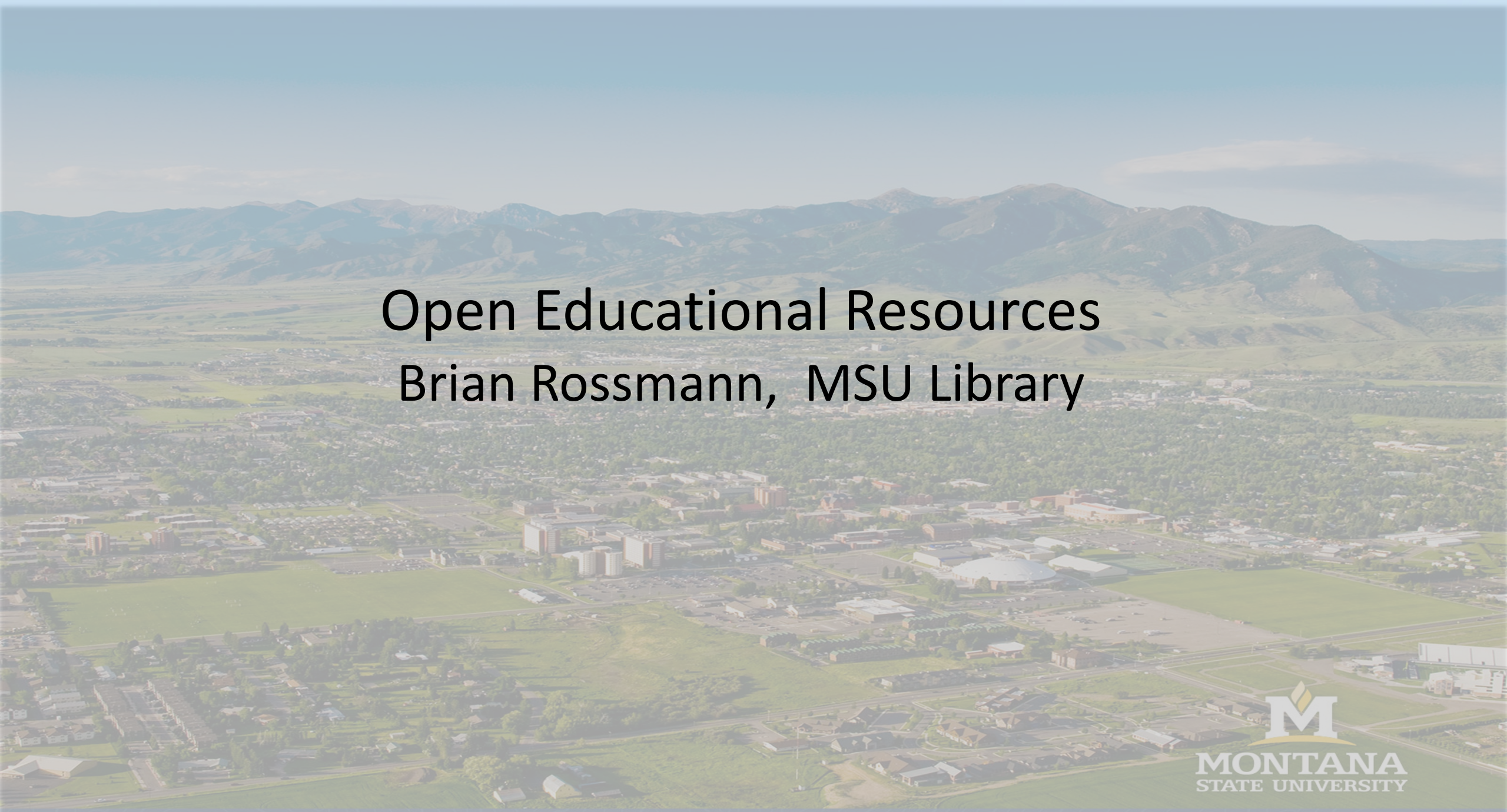
FYI Items

- VPRED Celebrating Research May 2

- Save the Date: 100th Day of Student Recognition May 5, 2023

Open Educational Resources

Brian Rossmann, MSU Library

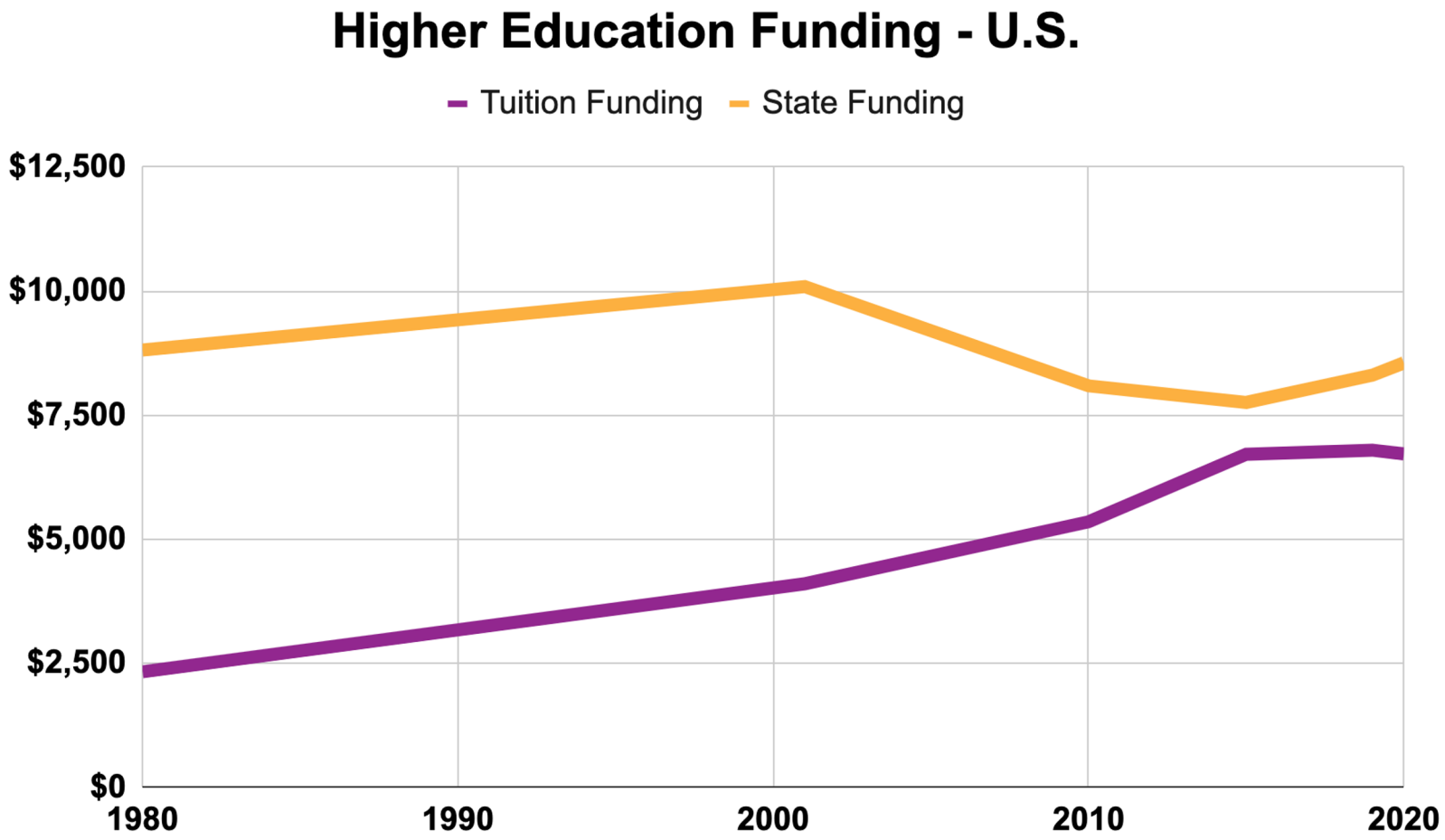


OPEN EDUCATIONAL RESOURCES

ACCESS, AFFORDABILITY, INCLUSION, AND ACADEMIC SUCCESS

Brian Rossmann
Open Educational Resources and Scholarly Communication Librarian

The Broken Textbook Market



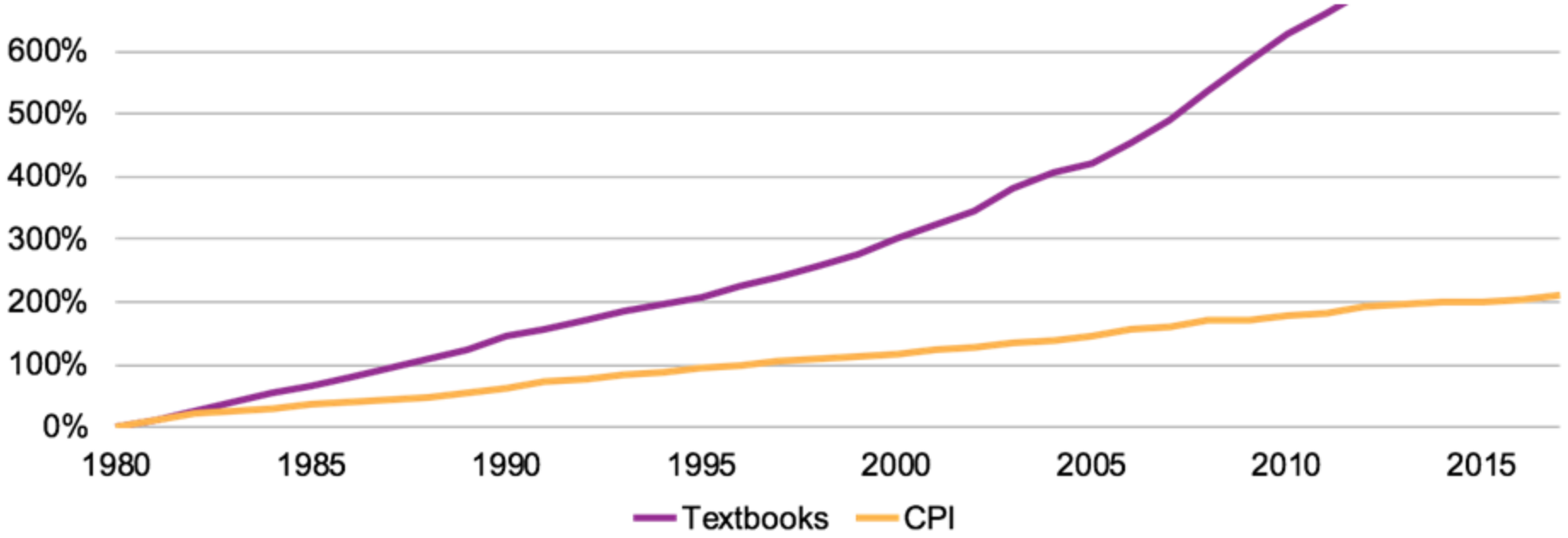
http://www.sheeo.org

Textbook Costs Have Increased 1,000% Since the 1970s

Textbook costs increased 88 percent between 2006 and 2016, according to a report by the Bureau of Labor Statistics. | Getty Images

https://www.vox.com/the-goods/2019/3/6/18252322/college-textbooks-cost-expensive-pearson-cengage-mcgraw-hill

Rising Costs of Textbooks



Bureau of Labor Statistics http://www.bls.gov/cpi/

Undergraduate Resident Students

Category	Semester	Academic Year
Tuition/Fees[1]	$3,863	$7,726
Room/Board[2]	$5,650	$11,300
Books/Supplies[3]	$725	$1,450
Miscellaneous [4]	$2,025	$4,050
Total	$12,263	$24,256

Undergraduate Non-Resident Students

Category	Semester	Academic Year
Tuition/Fees[1]	$14,802	$29,604
Room/Board[2]	$5,650	$11,300
Books/Supplies[3]	$725	$1,450
Miscellaneous [3]	$2,025	$4,050
Total	$23,201	$46,402

What they are actually spending on textbooks is more like $413 per year.

https://www.nacs.org/student-spending-on-course-materials-continues-to-decline

Why the difference?

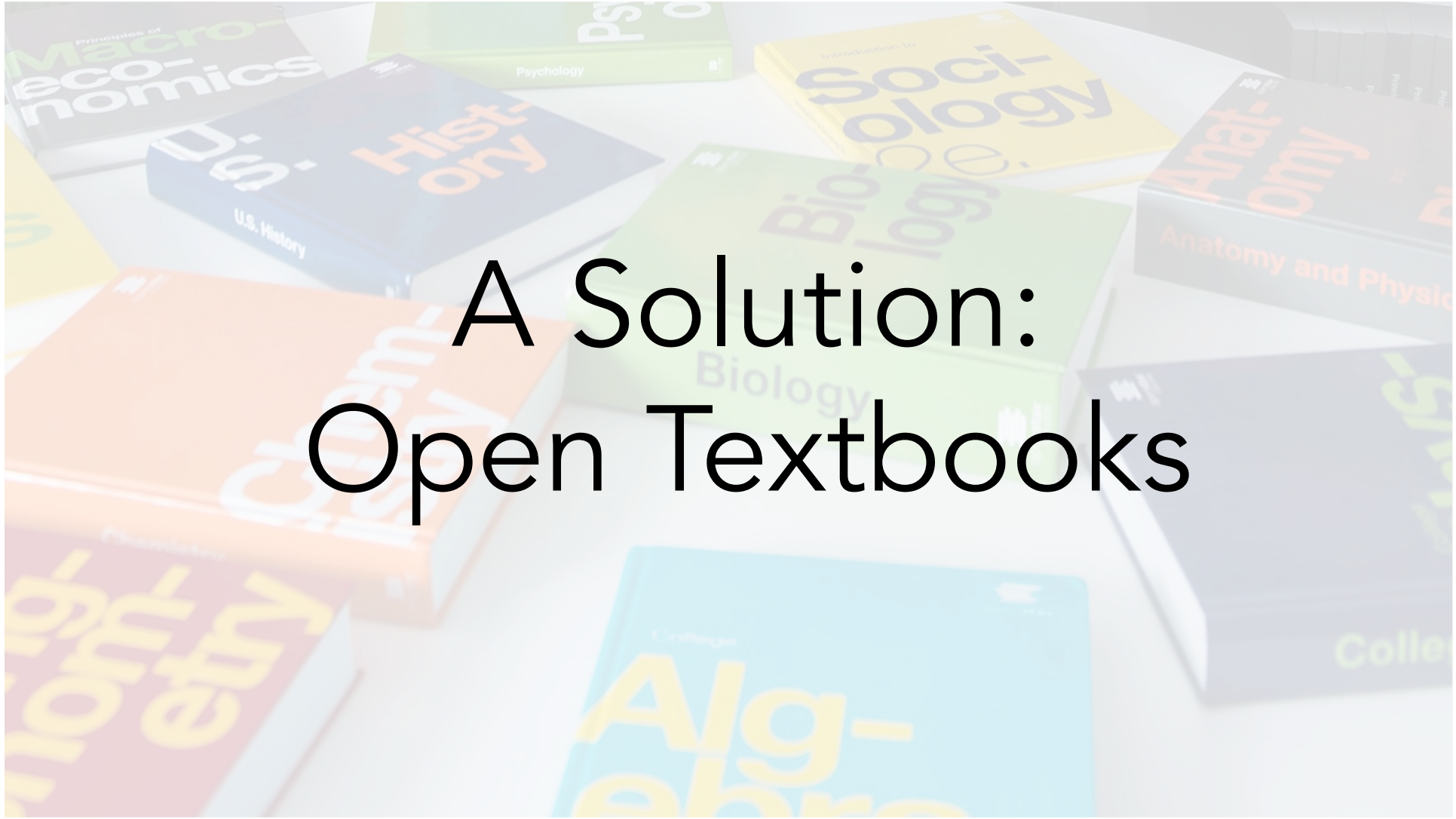
In your academic career, has the cost of required textbooks caused you to:

64.2%	Not purchase the required textbook
42.8%	Take fewer courses
40.5%	Not register for a specific course
35.6%	Earn a poor grade
22.9%	Drop a course
18.1%	Withdraw from a course
17.2%	Fail a course

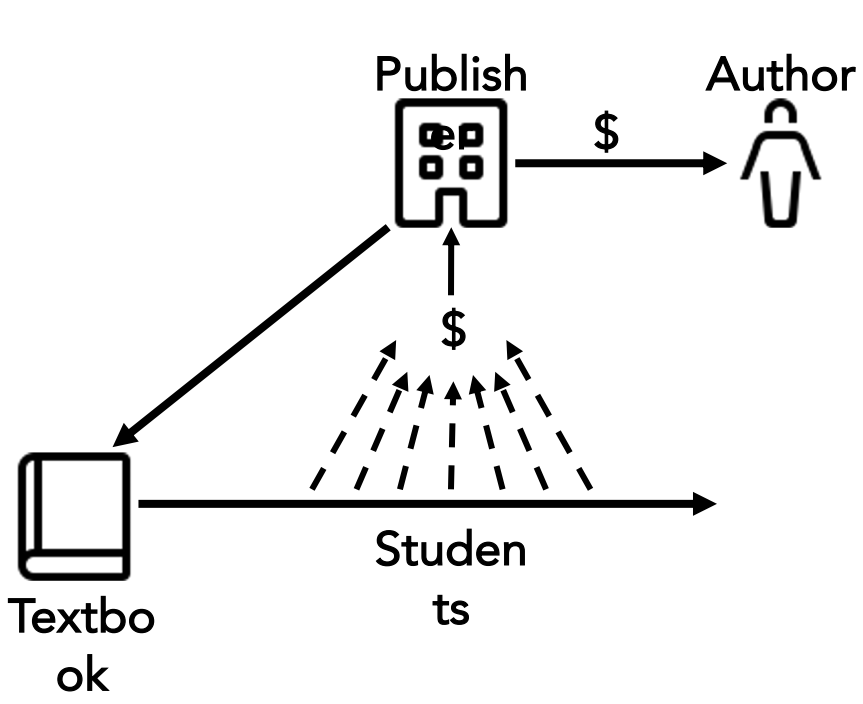
https://dlss.flvc.org/documents/210036/1314923/2018+Student+Textbook+and+Course+Materials+Survey+Report+--+FINAL+VERSION+--+20190308.pdf/07478d85-89c2-3742-209a-9cc5df8cd7ea

Sense of Belonging in the Classroom

"Racially minoritized and first-generation students at four-year institutions are less inclined to feel that same sense of belonging compared to their peers at two-year institutions" (Gopalan and Brady, 2019).



A Solution:
Open Textbooks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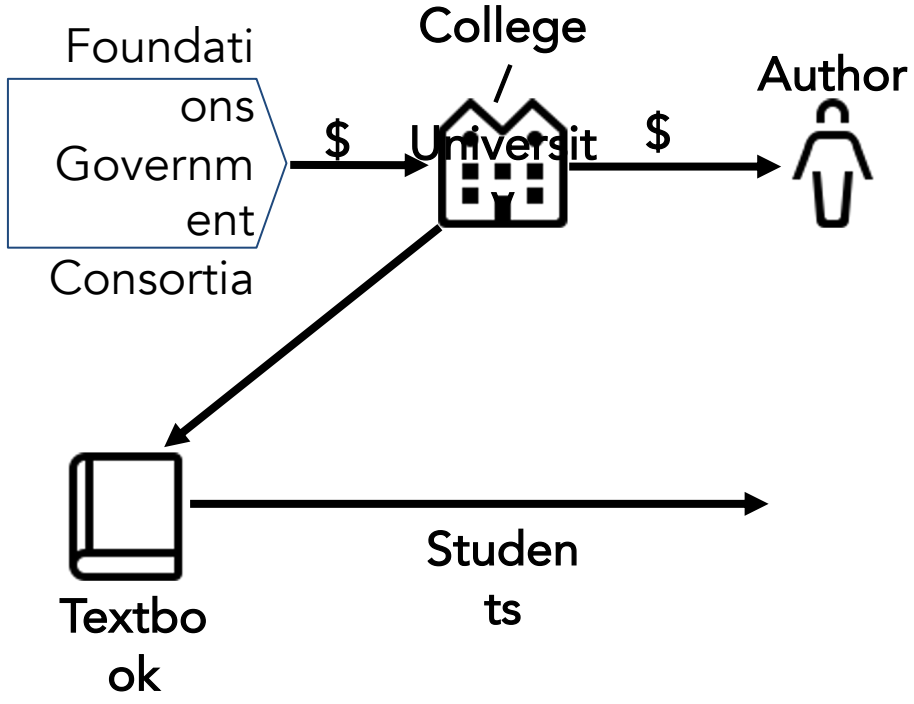
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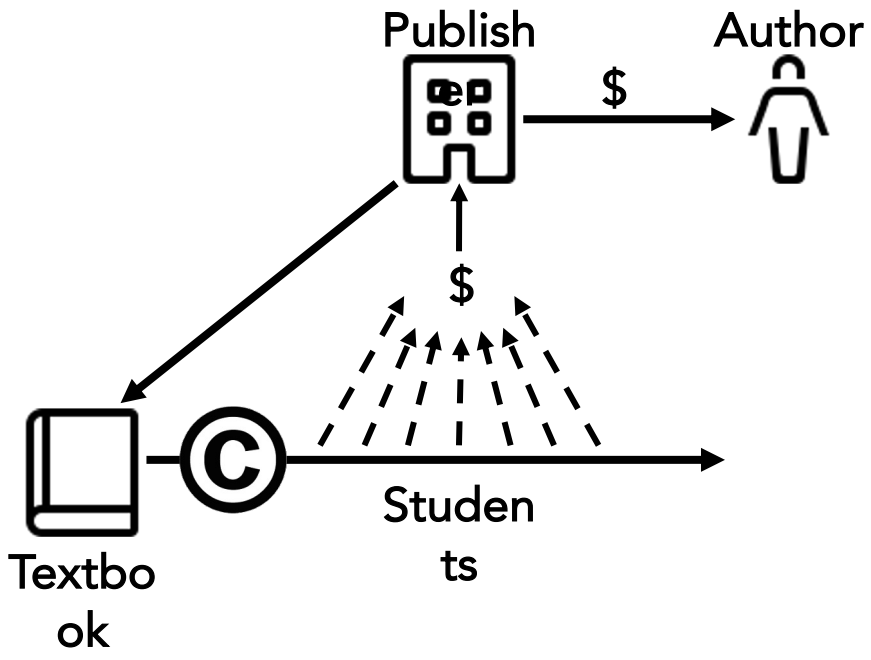
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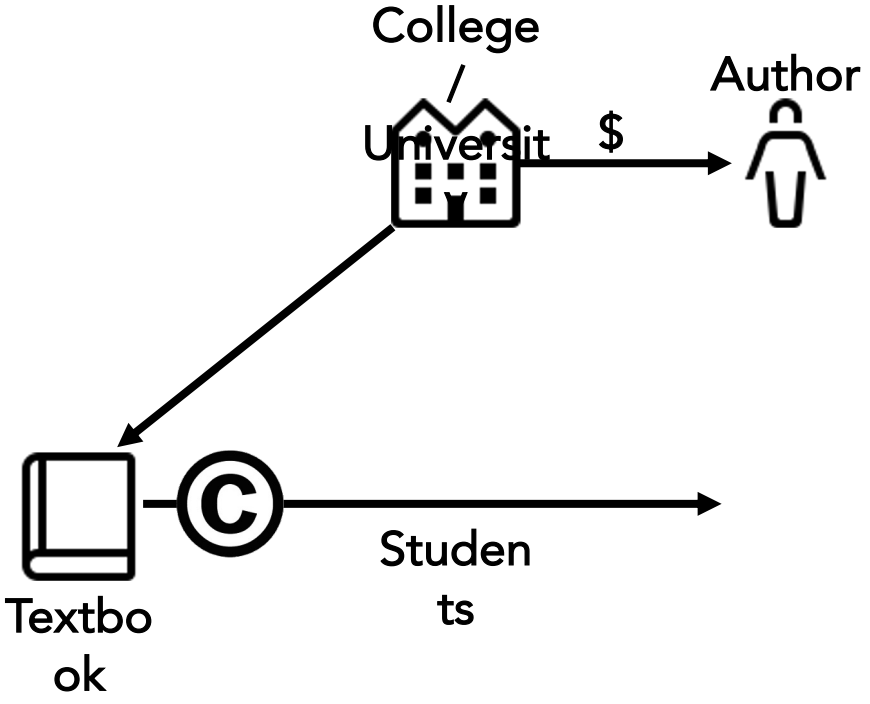
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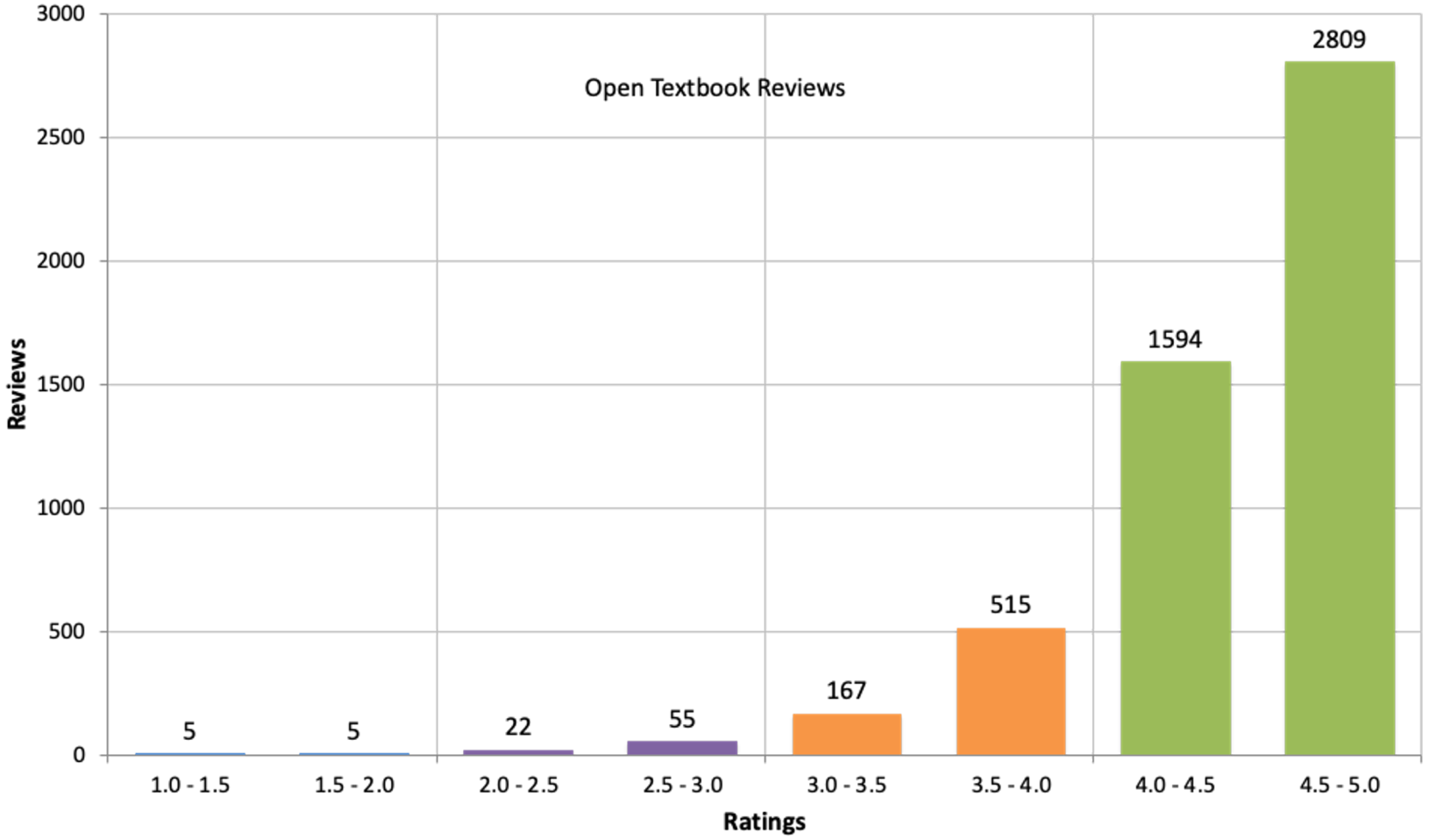
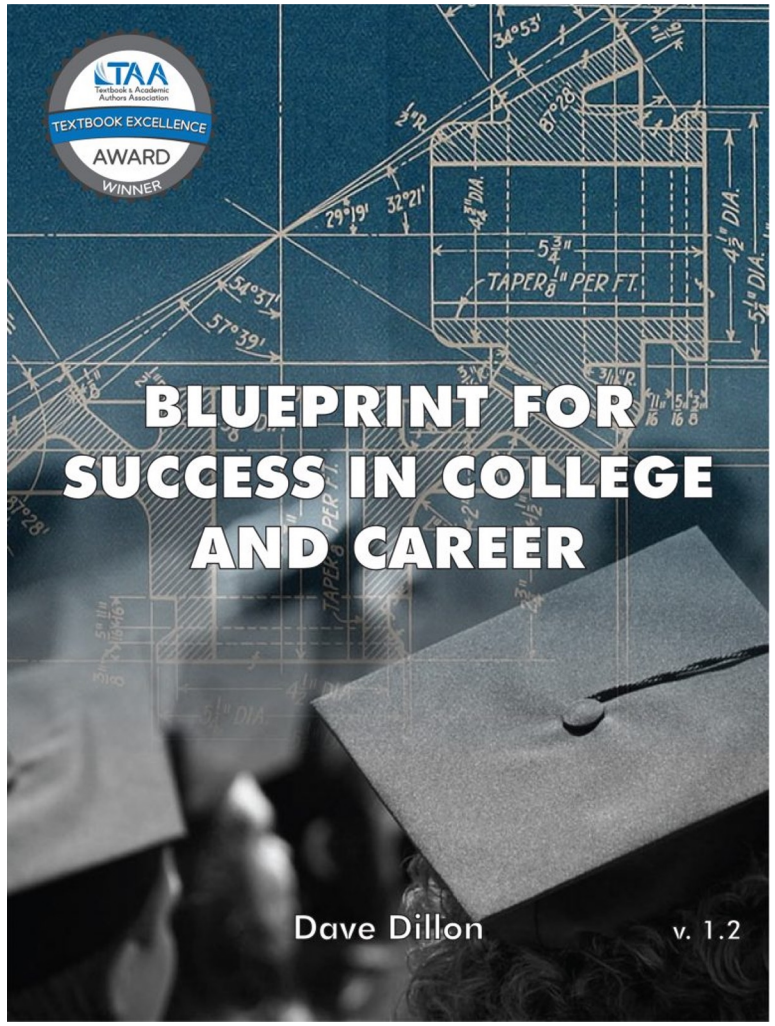
Where do I find them?

open.umn.edu/opentextbooks

Are they any good?





TAA announces 2019 Textbook Award winners

FEBRUARY 25, 2019 BY ERIC SCHMIEDER 0 COMMENTS

Thirty-one textbooks have been awarded 2019 Textbook Awards by the Textbook & Academic Authors Association (TAA). Four textbooks received William Holmes McGuffey Longevity Awards, 17 textbooks received Textbook Excellence Awards, and ten textbooks received Most Promising New Textbook Awards.

The McGuffey Longevity Award recognizes textbooks and learning materials whose excellence has been demonstrated over time. The Textbook Excellence Award recognizes excellence in current textbooks and learning materials. The Most Promising New Textbook Award recognizes excellence in 1st edition textbooks and learning materials.

The awards will be presented during an awards reception at TAA's 32nd Annual Textbook & Academic Authoring Conference in Philadelphia, PA, June 14, 2019.

Blueprint for Success in College and Career is a remix of four previously existing OER (Open Educational Resources): A Different Road To College: A Guide For Transitioning To College For Non-traditional Students by Alise Lamoreaux, How to Learn Like a Pro! by Phyllis Nissila, Foundations of Academic Success: Words of Wisdom, edited by Thomas Priester, College Success, provided by Lumen Learning, and one previously copyrighted textbook with content that is now openly licensed: Blueprint for Success in College: Indispensable Study Skills and Time Management Strategies by Dave Dillon. A free OER, (Open Educational Resource), Blueprint for Success in College and Career is a students' guide for classroom and career success. This text, designed to show how to be successful in college and in career preparation focuses on study skills, time management, career exploration, health, and financial literacy.

Is there an academic impact?

University of Georgia

Change from non-OER to OER

	Δ Grade	Δ DFW
Non-Pell eligible students	+6.9%	-2.05%
Pell eligible students	+10.98%	-4.43%
All Students	+8.6%	-2.68%

The Impact of Open Educational Resources on Various Student Success Metrics

Is Inclusive Access the Same as OER?

Also known as Equitable Access, Auto Access, Day One Access, All Students Acquire, and automatic textbook billing, Inclusive Access is essentially a large-scale text rental program.

	OER	Inclusive Access
Free	✅	
Customizable	✅	
Perpetual Access	✅	

Nine Questions OpenStax would have you ask About Inclusive Access program.

Are There Ancillaries?

OpenStax Hub

A venue for instructors to share ancillary materials that they have created to pair with OpenStax textbooks.

PHET Interactive Simulations (PHET SIMS)

Free, interactive, research-based science and mathematics simulations that cover topics taught in K-12 and higher education contexts, with primary coverage for Physics, Biology, Mathematics, Chemistry, and Earth Science.

MyOpenMath

Free, open source, online course management system for mathematics and other quantitative fields

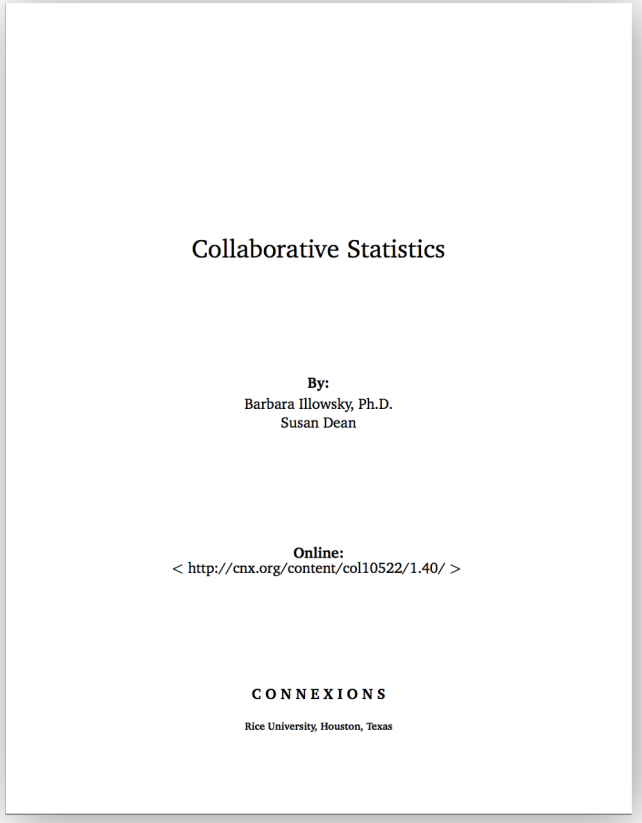
LibreTexts

Contains resources for thirteen subject areas, and its content has been adopted for more than 150 courses.

Adapted from https://libguides.csudh.edu/oer/ancillary

How else can open textbooks improve student success?

Content Customization



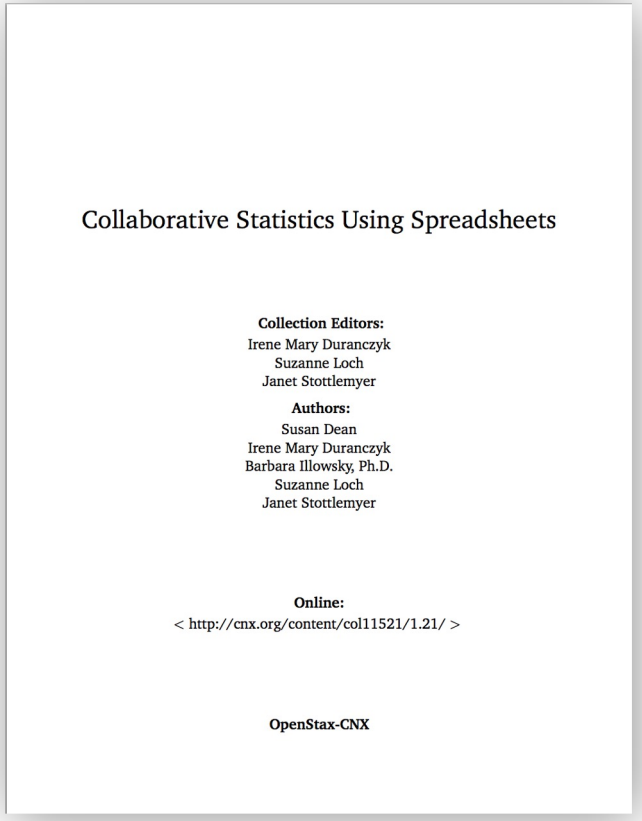
Collaborative Statistics

By:
Barbara Illowsky, Ph.D.
Susan Dean

Online:
< http://cnx.org/content/col10522/1.40/ >

CONNEXIONS

Rice University, Houston, Texas



Collaborative Statistics Using Spreadsheets

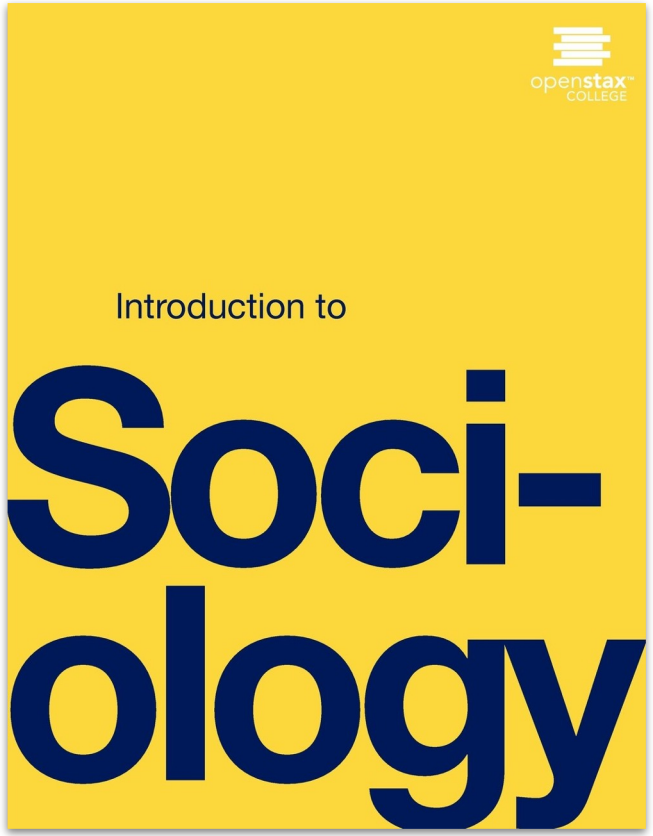
Collection Editors:
Irene Mary Duranczyk
Suzanne Loch
Janet Stottlemyer

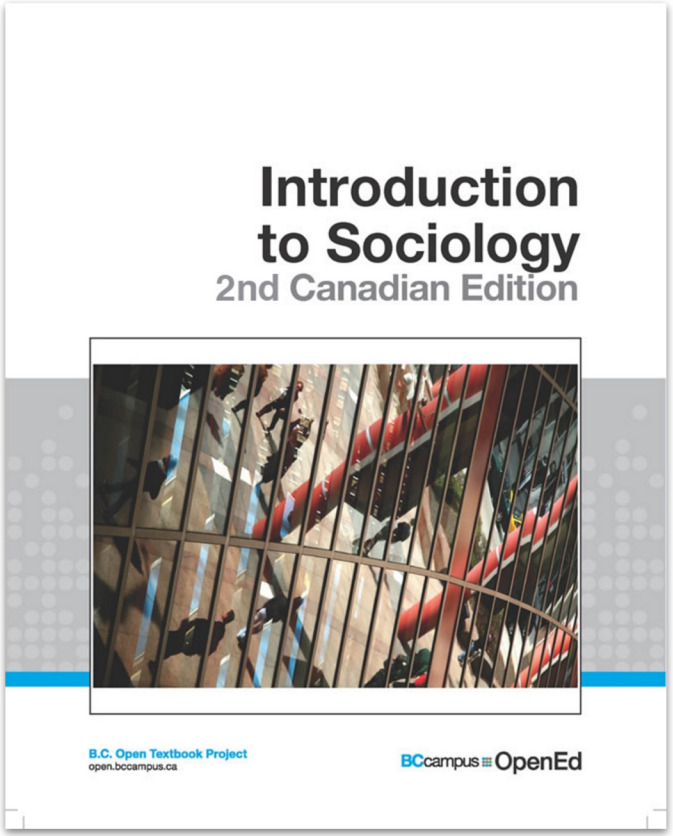
Authors:
Susan Dean
Irene Mary Duranczyk
Barbara Illowsky, Ph.D.
Suzanne Loch
Janet Stottlemyer

Online:
< http://cnx.org/content/col11521/1.21/ >

OpenStax-CNX

Contextualization





Inclusion: Diversifying & Amplifying Voices

Knowing Home: Braiding Indigenous Science with Western Science, Book 1

Edited by Gloria Snively and Wanosts'a7 Lorna Williams

Knowing Home attempts to capture the creative vision of Indigenous scientific knowledge and technology that is derived from an ecology of a home place. The traditional wisdom component of Indigenous Science—the values and ways of decision-making—assists humans in their relationship with each other, the land and water, and all of creation. Indigenous perspectives have the potential to give insight and guidance to the kind of environmental ethics and deep understanding that we must gain as we attempt to solve the increasingly complex problems of the 21st century.

Download this book

Inclusion: Acknowledging and Addressing Disparities

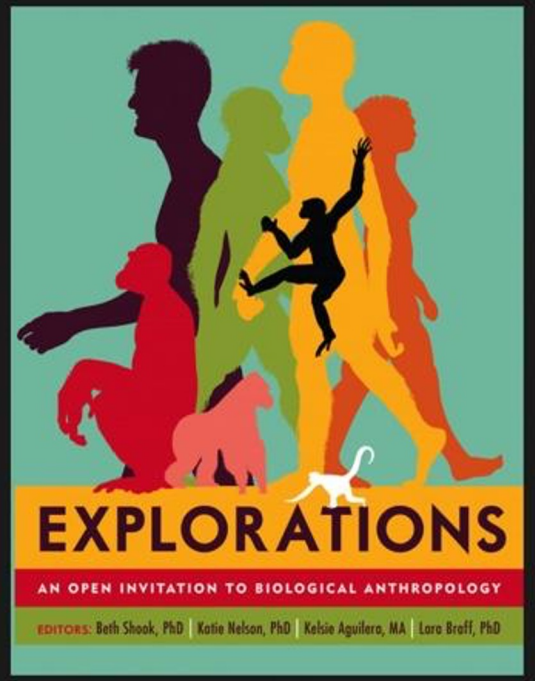
Explorations

An Open Invitation to Biological Anthropology

Beth Shook, Katie Nelson, Kelsie Aguilera, and Lara Braff, Eds.

The first comprehensive, peer-reviewed open access textbook for biological anthropology courses. Produced with support from the Society for Anthropology in Community Colleges (a section of the American Anthropological Association) and a grant from Minnesota State. Available free of charge for use in any setting.

Creative Commons Attribution NonCommercial



Innovative Pedagogy: Open Pedagogy Example

An Ecological Approach to Obesity and Eating Disorders

Clemson University Public Health Science HLTH 4150 Students

Zach Harley, Victoria Kellogg, Tyler Mandel, Ashley Jacoby, Sydney Worrrall, Savannah Shope, Samuel Garrson, Randy Fang, Peyton Sutley, Nicole Barber, Maclaine Hanvey, Laurie Barton, Lauren Gohs, Kelly Berk, Katie Yacu, Katie Dzoba, Greg Goines, Federico Martinez, Drew Belsha, Conor Coleman, Chris Matlashewski, Brian Weaver, and Brandon Perdue

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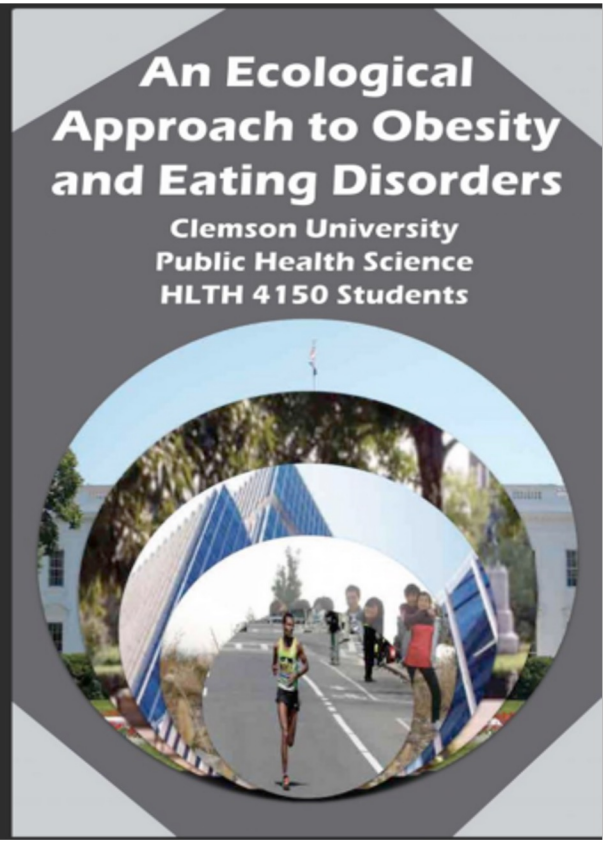


“Open textbooks save money, which matters deeply to our students. But they can also create a new relationship between learners and course content, and if teachers choose to acknowledge and enable this, it can have a profound effect on the whole fabric of the course.” Robin deRosa.

OER at MSU

Course	Previous Textbook Cost	2021 Enrollment	Savings
ASTR 110	$79.09	1025	**$81,067**
STAT 216	$148.50	1,511	**$224,383**
EELE 101	$50	260	**$13,000**

From 2019-2022, OER has saved over **9,600** MSU student **$1,513,976** in textbook costs

What can you do?

- Take a look! Consider an open **textbook!**
- Write a review!
- Adopt if a book meets the needs of you and your students. **Grants ranging from $1,000 to $5,000 are available for adoption/development of OER**. https://www.lib.montana.edu/services/publication/oer.html
- Raise awareness - talk with colleagues in your program and department.

Writing a Review

Is there is a textbook in the Open Textbook Library that fits your class and/or expertise?

A $125 incentive will be paid for:

1. attending this workshop AND
2. reviewing a textbook in the Open Textbook Library

Writing a Review

1. You will receive an email with a link to the online review form.
2. Complete a concise review withing a month of attending the workshop.
3. The review will be posted on the Open Textbook Library under an open license.
4. Incentive will be paid.

Thank You!!

brossmann@montana.edu

open.umn.edu/opentextbooks

MSU OER GRANTS

https://www.lib.montana.edu/services/publication/oer.html

Old Business

RTP Role and Scope

RTP Standards

RTP Definitions

MONTANA STATE UNIVERSITY
BOZEMAN MONTANA

RTP Role and Scope

- Primarily minor edits for clarity

- Added under Contents of Role and Scope Documents
  - **e.** Procedures for selection of the unit's review committee.
  - **f.** The performance indicators and associated quantitative and qualitative expectations for teaching, service and integration, with appropriate weighting of the indicators, that demonstrate effectiveness and sustained effectiveness.

- Removed reference to University Role and Scope as it refers to faculty handbook

RTP Standards

- Minor edits for clarity

RTP Definitions

- Clarifications and minor edits
- Added definitions of Sustained Effectiveness in Teaching, Research, and Service
  - **Sustained effectiveness in teaching** is consistent successful performance over time and across course offerings and different student populations as a range of duties appropriate to the faculty member's appointment.
  - **Sustained effectiveness in service** is consistent successful performance over time and across a range of duties appropriate to the faculty member's appointment.
  - **Sustained effectiveness in integration** is consistent successful performance over time and across a range of duties appropriate to the faculty member's appointment.

RTP Definitions

- New definition of Review Period
  - **Review Period** is the period of performance to be considered for review. The review period for retention and tenure begins on the first day of employment in a tenurable position at the university and ends on the deadline established by the provost for submission of dossiers. If a candidate is hired with credit for years of service at a prior institution, the tenure review period includes the time of prior service specified in the letter of hire. The review period for promotion to professor is the period of employment at MSU in the rank of Associate Professor plus the time the candidate's tenure dossier was under review until ~~submission deadline for the candidate's MSU tenure review or date of hire, whichever is later, to~~ the deadline established by the provost for submission of the dossier for promotion to the rank of professor.

  - Green = original proposed edit
  - Red= revised proposed edit

RTP Definitions

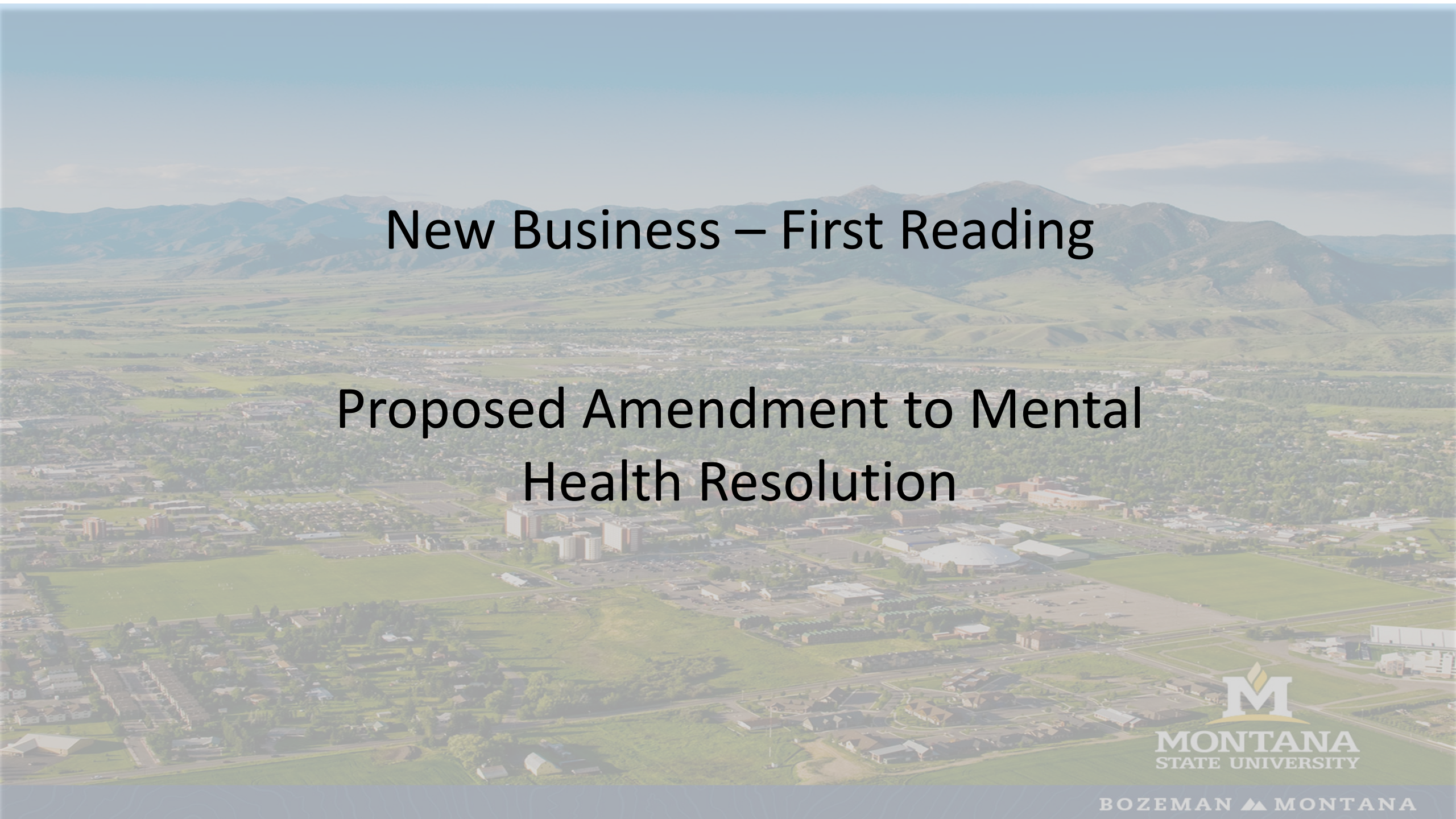
- New definition of Review Period- Clean view
  - **Review Period** is the period of performance to be considered for review. The review period for retention and tenure begins on the first day of employment in a tenurable position at the university and ends on the deadline established by the provost for submission of dossiers. If a candidate is hired with credit for years of service at a prior institution, the tenure review period includes the time of prior service specified in the letter of hire. The review period for promotion to professor is the period of employment at MSU in the rank of Associate Professor plus the time the candidate's tenure dossier was under review until the deadline established by the provost for submission of the dossier for promotion to the rank of professor.

RTP Definitions

- The definition of Student changed
  - Changed to refer to the definition in the revised student code of conduct

New Business – First Reading

Proposed Amendment to Mental Health Resolution



In addition, the Faculty Senate acknowledges the extent to which MSU faculty already contribute unacknowledged, uncompensated, and unsupported emotional labor as first contacts with students' mental health challenges. The Senate further acknowledges the intensive efforts and positive impacts of Counseling and Psychological Services, the MSU Mental Health Task Force, and many other MSU offices involved in supporting mental health on campus. In support of these efforts, and to facilitate further prioritizing student, faculty, and staff mental health, the Senate therefore calls on MSU administration to

1. More clearly communicate to the MSU community the scope and scale of mental health challenges MSU is experiencing.

2. Regularly report to the MSU community the budgetary resources available to meet these difficulties, and efforts MSU is making to expand resources to meet student and faculty mental health needs; and

3. Commit additional resources to help faculty and staff negotiate supporting student mental health

Undergraduate New Courses -First Reading:

a. AHMT 240 : Clinical Chemistry
b. ENSC 311 : Fundamentals of Environmental Data Analysis
c. HSTR 360 : Cold War Europe
d. PHOT 301 : Photography: Global Histories and Perspectives
e. HSTR 476 : Oral History: Theory and Practice

Undergraduate New Courses -Second Reading:

a. AVMT 205 : Aircraft Communication Systems
b. AVMT 210 : Aircraft Navigation Systems I
c. AVMT 215 : Federal Aviation Administration Regulations
d. ECIV 464 : Lightweight Concrete Engineering
e. ETME 362 : Applied Electronics and Power for Mechanical Systems
f. PSCI 445 : Political Psychology
g. SOCI 334 : Gender, Crime, and Criminal-Legal System

Undergraduate Course Changes-Second Reading:

- ETME 202 : Mechanical Engineering Technology Computer Applications
  - i. Change from 1 credit to 3
  - ii. Added learning outcomes
- HORT 499R: Horticulture Capstone
  - i. Changed from HORT 486R : Horticulture Capstone II

Undergraduate Course Inactivations-First Reading:

- EELE 461 : Digital System Design
  i. The course has not been offered recently due to a staffing shortage. To keep students better informed of what courses will be offered, EELE 461 is to be inactivated.
- HORT 485R : Horticulture Capstone I
  i. We are switching the capstone courses to a single 3 credit option in the spring instead of two capstone courses.

Undergraduate Course Inactivations-Second Reading:

- BIOB 477 : Genome Science and Gene Expression
- BIOM 460 : Infectious Diseases Ecology and Spillover
    i. Instructor has left MSU, no available faculty.
- BMKT 241 : Sales
    i. Neither Business, or Gallatin College are teaching this course. Business says it belongs to Gallatin College. Gallatin says they've never taught it.
- ECIV 332 : Engineering Hydraulics
    i. Course has been replaced with ECIV 333.
- ENGL 490R : Undergraduate Research
    i. ENGL is not an OCHE approved rubric. WRIT 490R and LIT 490R already exist.
- RBPF 129 : Manufactured Home Weather
    i. Program was put into moratorium.
- WRIT 091 : Sp: College Writing Co-Req
    i. We are no longer offering this course.

Undergraduate Programs/Certificates-Second Reading:

- AVET-AAS : Aviation Electronics Technology
- CARP-CAS : Carpentry
- HADP-CAS : Healthcare Administrative Professional

Graduate New Courses-First Reading:

- EDCI 543 : Introduction to Curriculum Design and Assessment

Graduate New Courses-Second Reading:

- HIST 509 : Oral History: Theory and Practice
- EDCI 519 : Addressing Equity in Linguistic and Cultural Diversity
- PHSX 579 : Special Relativity for Teachers

Graduate Course Changes -Second Reading:

- BIOH 586 :AP Biology for Teachers
    i. Title change from BIOH 586 : A Big Ideas Approach for AP Biology Teachers
- CHMY 526 : Solution NMR Spectroscopy:practical applications to the structural determination of small molecules
    i. Title change from Adv Protein NMR Spectroscopy
- EIND 511 : Advanced Human Factors
    i. Title change from Design for Quality of Life
- HDCO 598 : Internship
    i. Credit change from 2-12 to 1-12

Graduate Course Inactivations -Second Reading:

- CSCI 541 : Computer Graphics
    i. The course has not been taught for several years. No current faculty have the expertise to teach it.
- DGED 524 : Cellular Mechanotransduction
    i. Per Craig Ogilvie: As a disciplinary course it should not be managed by the graduate school, learning outcomes, instructor etc. These should be in a dept. MIE already has an EMEC 424 and an EMEC 524 which are co-convened.
- MB 560 : Infectious Disease Ecology & Spillover
    i. Instructor no longer with MSU.
- NEUR 528 : Molecular Basis of Neurological Diseases
    i. Instructor no longer with MSU.

Graduate Programs/Certificates-Second Reading:

- CERT : Nonprofit Leadership and Administration

Updates

- Sustainability Initiative – Progress Report

Senate Open Discussion

Public Comment

Next Meeting May 3, 2023
Leon Johnson 346

Faculty Senate Meeting Adjourned