

# Librarians Leading the Way for Open Education



**Abbey K. Elder**

*Open Access & Scholarly Communication Librarian  
Iowa State University, United States*

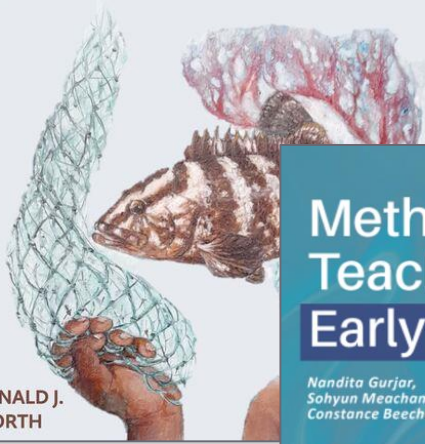


“The open education movement... is built on the belief that everyone should have **the freedom to use, customize, improve, and redistribute educational resources** without constraint.”

# OPEN EDUCATION



# FISH, FISHING, AND CONSERVATION



DONALD J. ORTH

## Methods of Teaching Early Literacy

Nandita Gurjar, Sohyun Meacham, and Constance Beecher



БОБИРЬ Д.В., БІЛОКОНЬ І.М., ОЧКАСОВ О.Б., СЕРДЮК В.М.

## ТЕОРІЯ ЛОКОМОТИВНОЇ ТЯГИ ТЯГОВІ РОЗРАХУНКИ ДЛЯ МАНЕВРОВОЇ РОБОТИ

НАВЧАЛЬНИЙ ПОСІБНИК



## CAREER CORNERSTONES:



### ESTABLISHING A FOUNDATION FOR A CAREER IN HEALTHCARE

Katherine Greene and Andrea Nelson



## GESTIÓN DEL CAMBIO COMO FUNDAMENTO DE LA DIRECCIÓN ESTRATÉGICA

Terán-Guerrero, Fernando Neptali  
la, Mercy Elizabeth  
ncio, Viviana de Lourdes  
John Steet  
n Carlos  
as, Marco Vinicio



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## The use of OER can...

- improve student learning outcomes
- decrease financial strain
- build opportunities for engagement
- and much more!



# Libraries and Openness



A symbiotic relationship



A photograph of a library reference desk. The desk is curved and made of light-colored wood. On the desk, there are two computer monitors, a keyboard, and some papers. Two lamps with white shades are on the desk. In the background, there are bookshelves and a sign that reads "Reference & Information". The text "A History of Support" is overlaid in the center of the image.

# A History of Support



 International  
Open Access **Week**

# Тиждень відкритого доступу 2023

**#OAWeek**  
23-29 ЖОВТНЯ





**Without any support,  
a lot of our faculty  
wouldn't do this at all...**



A man and a woman are sitting at a dark table in a bright, modern office or meeting space. They are both looking at their laptops. The woman is on the left, wearing a light-colored top and dark pants, holding a pen. The man is on the right, wearing a light-colored shirt. On the table are two laptops, a glass of water, a blue pitcher, and a white mug. A large window in the background shows a cityscape with many buildings. The text "We have to invest in our instructors and authors..." is overlaid in the center of the image.

**We have to invest in our  
instructors and authors...**



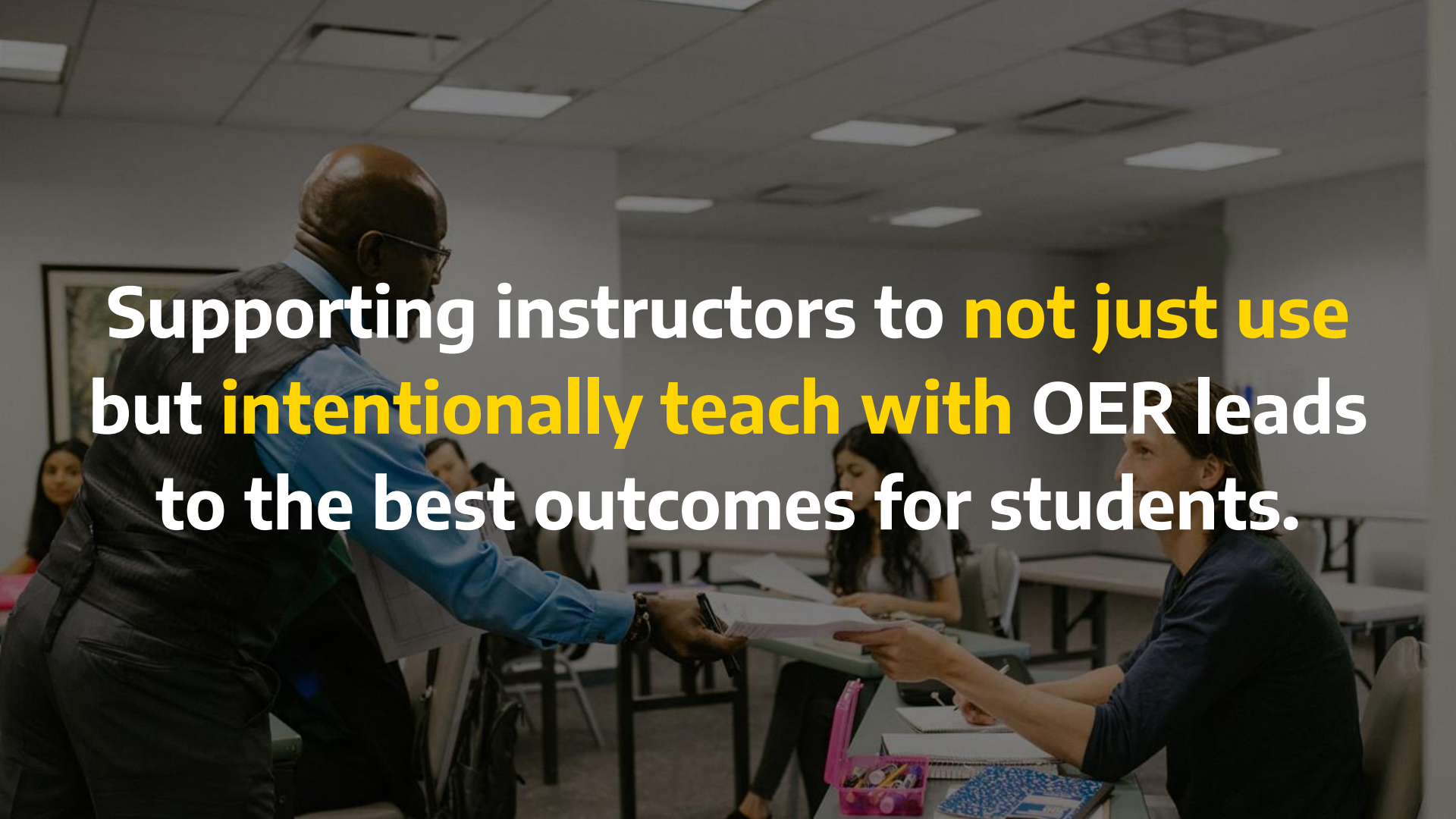
# 3. Librarians as Leaders for OER



New and evolving



“First, we encourage **educators** and **learners** to actively participate in the emerging open education movement.”

A photograph of a classroom. A male teacher in a blue shirt and dark vest is leaning over a desk, pointing at a document. A female student is sitting at the desk, also looking at the document. Other students are visible in the background, some sitting at desks. The room has a drop ceiling with recessed lights.

Supporting instructors to **not just use** but **intentionally teach with** OER leads to the best outcomes for students.



**Librarians are  
taking a  
leading role**

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# What can we do?

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# What can we do?

- Reference support
- Publishing programs
- Professional development
- Partnerships & more!

# **Support Locating OER**



- Subject ▾
- Type ▾
- License ▾
- Author ▾
- Organization ▾
- Language ▾
- Provider ▾

72379 results found

Massachusetts Institute of...  
**Lecture 5: Hydrogen Atom Energy Levels**  
Science, Chemistry  
Chemistry, Mathematics, Natural...  
Video

Massachusetts Institute of...  
**Lecture 6: ...**  
Science, Chemistry  
Chemistry, Mathematics, Natural...

Massachusetts Institute of...  
**Lecture 7: P-Orbitals**  
Science, Chemistry  
Chemistry, Mathematics, Natural...  
Video

Massachusetts Institute of...  
**Lecture 8: Multielectron Atoms and Electron...**  
Science, Chemistry  
Chemistry, Mathematics, Natural...  
Video

Massachusetts Institute of...  
**Lecture 9: Periodic Trends**

Massachusetts Institute of...  
**5.111 F14 Exam 4**

Massachusetts Institute of...  
**5.111 F14 Exam 1**  
This resource contains information regarding principles of chemical science: Exam 1.  
Chemistry, Mathematics, Natural...

Massachusetts Institute of...  
**5.111 F14 Exam 2**  
This resource contains information regarding principles of chemical science: Exam 2.  
Chemistry, Mathematics, Natural...

# You have options!



## Transform Higher Education and Student Learning

Open textbooks are licensed by authors and publishers to be freely used, adapted, modified, and distributed at no cost.

Now offering 1302 open textbooks, the Open Textbook Library is supported by the [Open Education Network](#).

# You have options!

### New Books



Aviation Maintenance Technician  
Handbook – Airframe (FAA-  
H-8083-31B)

[READ MORE »](#)


### Coming Soon

The Art and Science of Teaching Agriculture: Four Keys to  
Dynamic Learning

Published by Virginia Tech Publishing

Accessible Appalachia: An Open-Access, Introductory  
Reader in Appalachian Studies

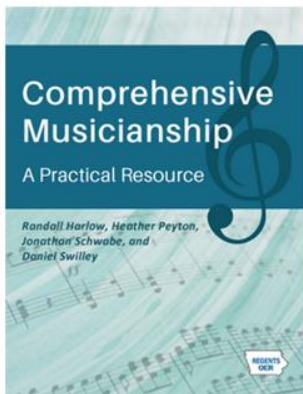
Published by Eastern Kentucky University



**You have  
options!**

# **Support Publishing OER**





## Comprehensive Musicianship, A Practical Resource



*Randall Harlow, Heather Peyton, Jonathan Clarke Schwabe & Daniel Swilley*

[Read on Pressbooks](#)

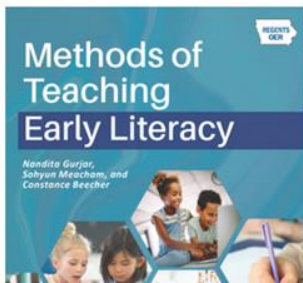
### Category

[Open Textbooks](#)

### Description

This OER presents an integrated suite of learning resources developed for the core music theory and musicianship curriculum at the University of Northern Iowa School of Music. It provides a more comprehensive symbiosis of musicianship and music theory learning than can be found in existing textbooks, including engaging and progressive video demonstrations and interactive listening and vocal exercises that integrate musical knowledge with foundational musical skills. This OER affords the flexibility to shape core musicianship and music theory learning to meet the needs of changing School of Music demographics well into the future, a resource for innovative and inviting music programs accessible to all.

[View more detail](#)



## Methods of Teaching Early Literacy



*Nandita Gurjar, Sohyun Meacham & Constance Beecher*

[Read on Pressbooks](#)

### Category

[Open Textbooks](#)

### Description

## Filters

License

Subject

Network

Collection

Last Updated

Language

Institution

Publisher

Q iowa

Iowa State University Digital Press (42)

University of Iowa (1)

University of Iowa Libraries (1)

[CLEAR FILTER](#)

Word Count

H5P Activities

42 results

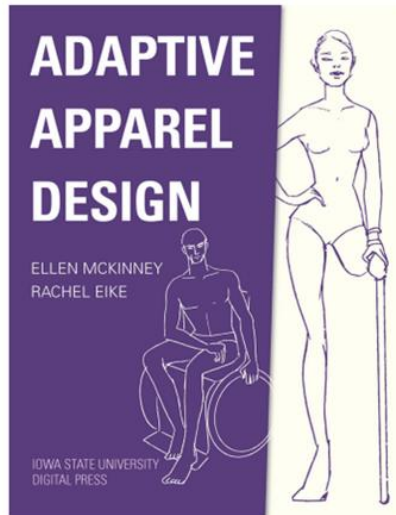
[Share this query](#)

### Active Filters

Iowa State University Digital Press

[CLEAR ALL](#)

1 2 3 4 5 [→](#)



IASTATE.PRESSBOOKS.PUB | IOWA STATE UNIVERSITY OPEN BOOKS

### [Adaptive Apparel Design](#)

CC BY-NC-SA | [1 H5P activities](#) | 15,102 words

**Author(s):** Ellen McKinney, Rachel Eike

**Subject(s):** Fashion and textile design

**Last updated:** 08-31-2023

**Publisher:** Iowa State University Digital Press

**Language:** English

This instructional text and designer resources have been prepared to support those learning about adaptive apparel design. The text is easy for students, scholars, and designers to use, and is organized around the apparel design process: research, sketching, developing a sample notebook, mood or inspiration board, pattern work, first sample, and the completed ensemble. Users can read from beginning to end or jump into resources related to their current phase of design.



IASTATE.PRESSBOOKS.PUB | IOWA STATE UNIVERSITY OPEN BOOKS

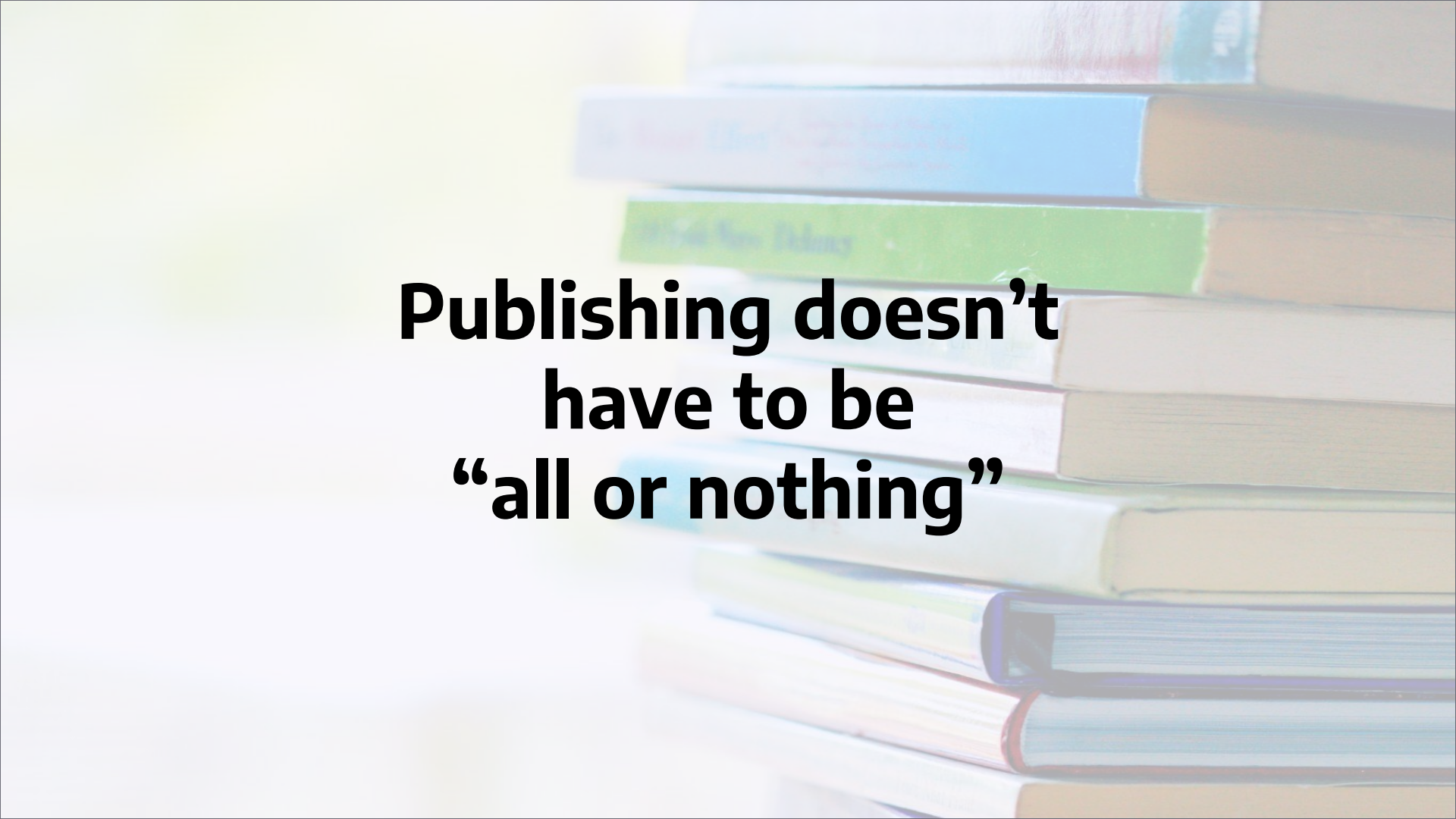
### [Comprehensive Musicianship, A Practical Resource](#)

CC BY-NC-SA | 0 H5P activities | 59,034 words

**Author(s):** Randall Harlow, Heather Peyton, Jonathan Schwabe, Daniel Swilley

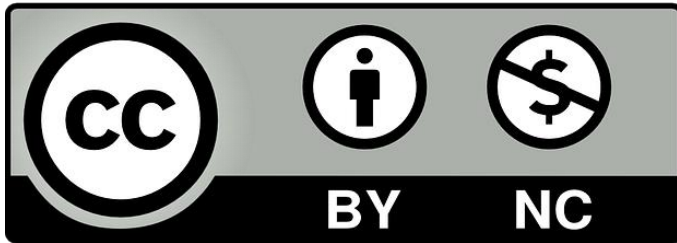
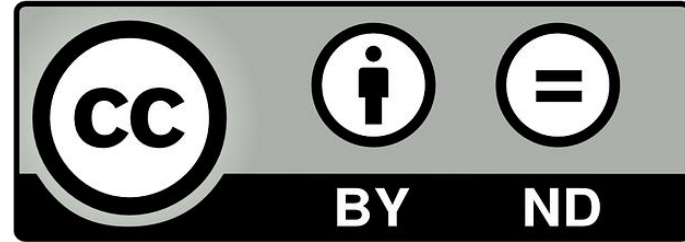
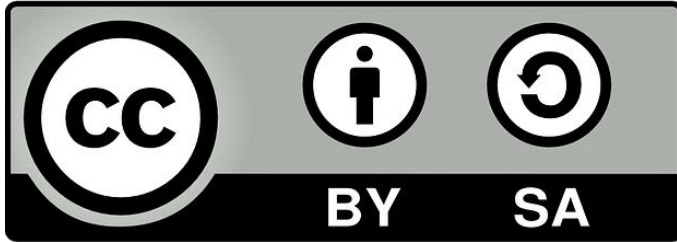
**Subject(s):** Theory of music and musicology

**Last updated:** 08-31-2023

A stack of several books is shown, slightly out of focus, with various colored spines (blue, green, white, yellow). The text is overlaid on the left side of the stack.

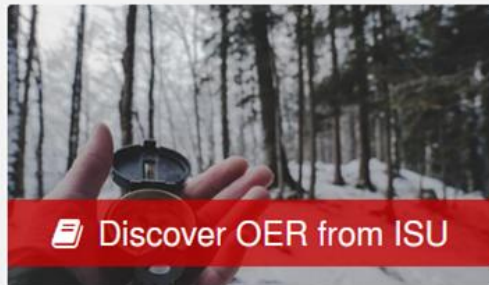
**Publishing doesn't  
have to be  
“all or nothing”**

# Support Adapting OER





# **Outreach, Training, and Advocacy Work**





## About Us

The Open & Affordable Education Committee is a cross-campus committee involved in developing, promoting, and supporting the use of affordable course materials at Iowa State. We promote the use of free and low-cost instructional materials such as: open educational resources (OER), Immediate Access materials, library-licensed content, and other low-cost materials available for our students. While this website emphasizes our support for OER, there are a wide variety of programs available to support course material affordability which you can learn about here!

[Learn More About Our Work](#)

## Useful Links

 [OER for Beginners](#)

 [Other Affordability Initiatives](#)

 [Information for Students](#)



01

colors and images  
form a visual identity  
for your brand.

**And that's just  
what /do!**

# Formal Metadata

|                   |  |
|-------------------|--|
| Title             | Вимірювання проникності ендотеліального бар'єру кровоносних судин слизової оболонки кишечника в умовах in vivo   |
| Alternative Title | Measurement of permeability of the endothelial barrier of the intestinal mucosa blood vessels in vivo  |
| Title of Series   | <a href="#">Basics of molecular pharmacology</a>   |
| Number of Parts   | 10   |
| Author            | <a href="#">Dovbynychuk, Taisa</a><br><a href="#">Tolstanova, Ganna</a>  |
| License           | <a href="#">CC Attribution 3.0 Germany</a> : <a href="#">↗</a><br>You are free to use, adapt and copy, distribute and transmit the work or content in adapted or unchanged form for any legal purpose as long as the work is attributed to the author in the manner specified by the author or licensor. |
| Identifiers       | <a href="#">10.5446/60358</a> <a href="#">↗</a> (DOI)  |
| Publisher         | <a href="#">Taras Shevchenko National University of Kyiv</a><br><a href="#">Projekt 'Open Education Resources with Ukraine'</a>  |
| Release Date      | 2023   |
| Language          | Ukrainian  |
| Other Version     | <a href="#">English</a>  |



**Building  
partnerships**



The Iowa Open Education Action Team (Iowa OER) is a group of volunteers who **share resources** and **develop support** for our peers.



**There are a lot of ways to get involved!**

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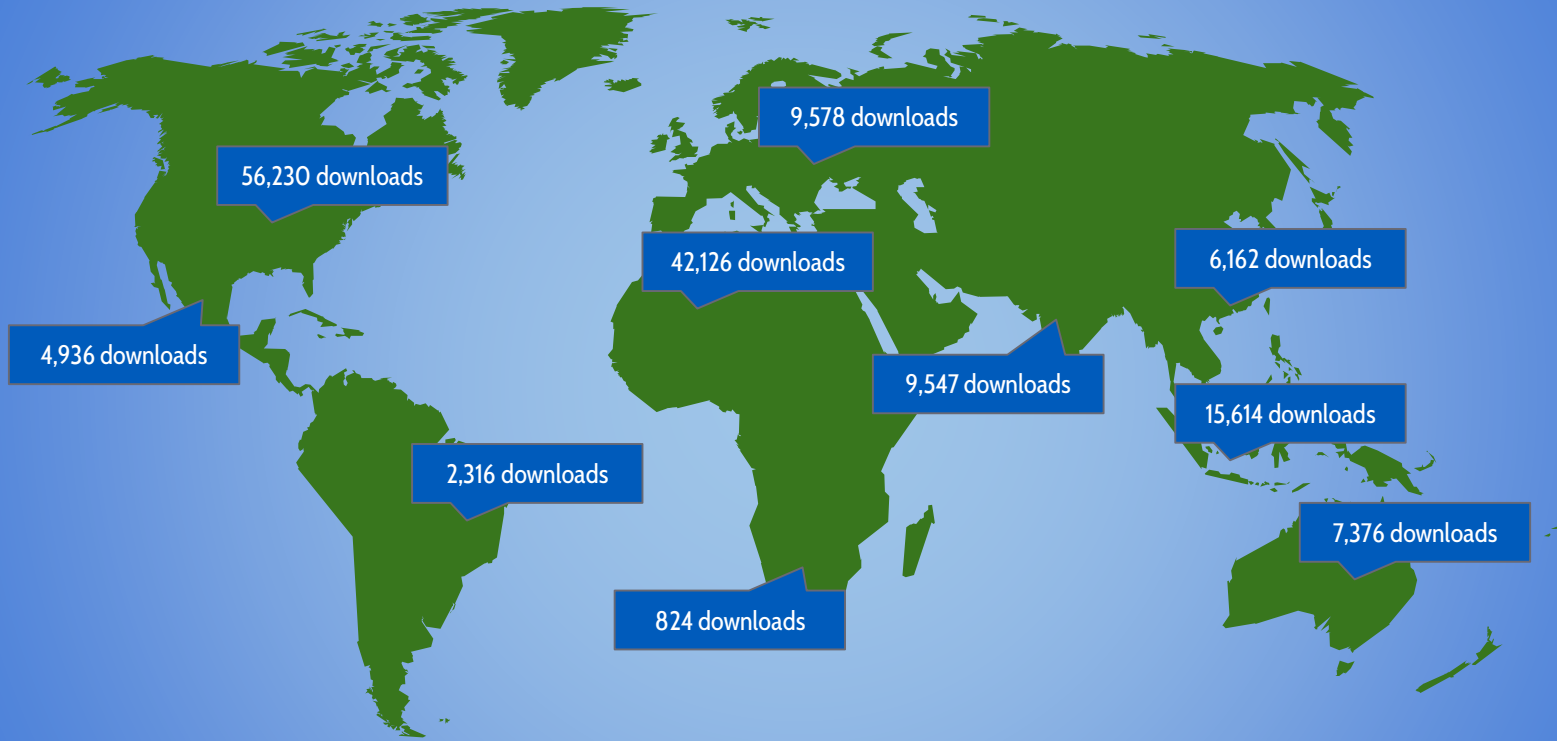


**European Network  
of Open Education  
Librarians**





# Room for Improvement



Subject

Type

License

Author

Organization

Language

English 42625

German 21367

Undefined 6815

Finnish 1016

French 128

Spanish 95

Ukrainian 47

Dutch 39

Provider

47 results found

LANGUAGE: UKRAINIAN X

CLEAR FILTERS

**Scott Chacon, Ben Straub**  
**Pro Git: Everything You Need to Know About G...**  
 The entire Pro Git book, written by Scott Chacon and Ben Straub and published by Apress, is available here. All content is...  
 Computer and Communication...  
 Textbook  
 SHOW DETAILS

**Yevhen Burov**  
**Класифікація активних пристроїв та комутова...**  
 Computer Science  
 Computer Science, Engineering...  
 Video  
 SHOW DETAILS

**Yevhen Burov**  
**Архітектурні принципи побудови...**  
 Computer Science  
 Computer Science, Engineering...  
 Video  
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**Yevhen Burov**  
**Волоконно-оптичний кабель як середовище...**  
 Computer Science  
 Computer Science, Engineering...  
 Video  
 SHOW DETAILS

**Yevhen Burov**  
**Історія розвитку та перспективи...**  
 Computer Science  
 Computer Science, Engineering...  
 Video  
 SHOW DETAILS

**Olena Vasheka, Jutta Papenbrock**  
**Ferns (Monilophytes)**

**Taisa Dovbynchuk, Ganna Tolstanova**  
**Вимірювання проникності...**

**Tetiana Yaroshenko**  
**Open access, open science, open data: ho...**

**Olena Chmyr**  
**National Repository of Academic Texts in the...**

**Iryna Drach**  
**Open Science in universities: European...**

**You don't need  
to do all of this,**  
if it's too much for you  
or your team to handle  
right now.



# 4. In times of crisis...

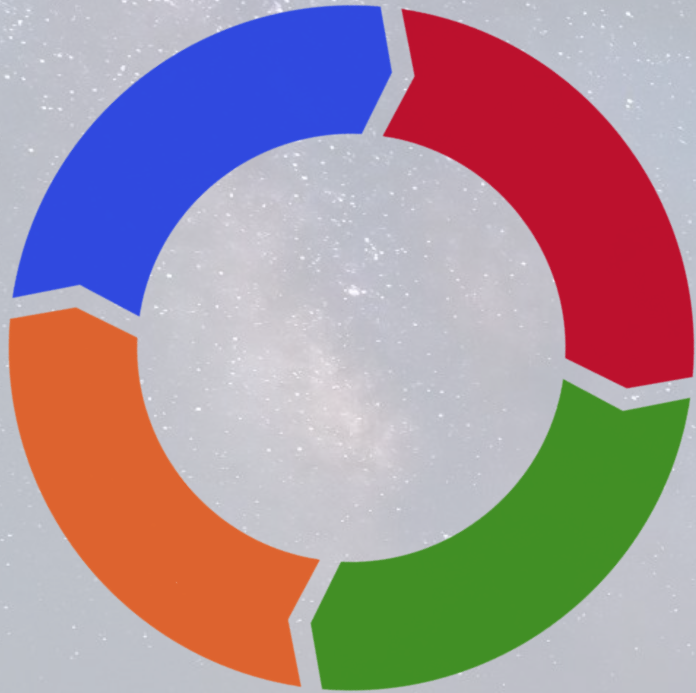


...something is better  
than nothing.



This **is not** easy work  
that we can do all at  
once.





# Questions?

