

University of San Francisco

From the Selected Works of Charlotte Roh

Spring April 1, 2014

Open Education Initiative Information Session

Charlotte Roh, *University of Massachusetts Amherst*



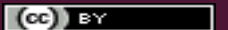
Available at: <https://works.bepress.com/charlotteroh/4/>



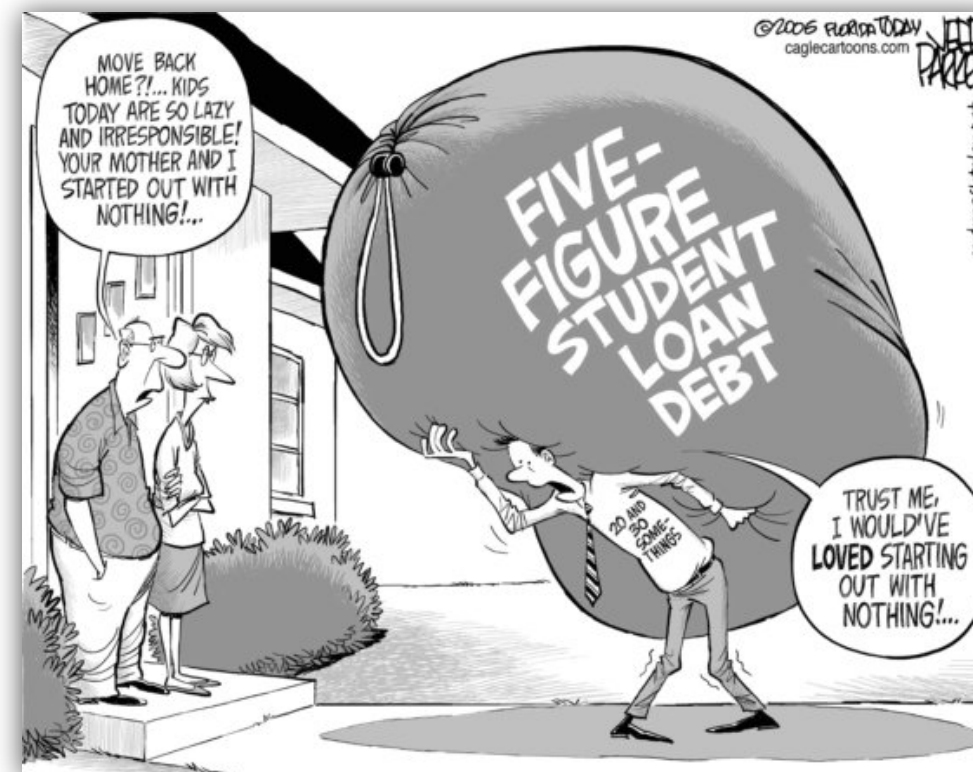
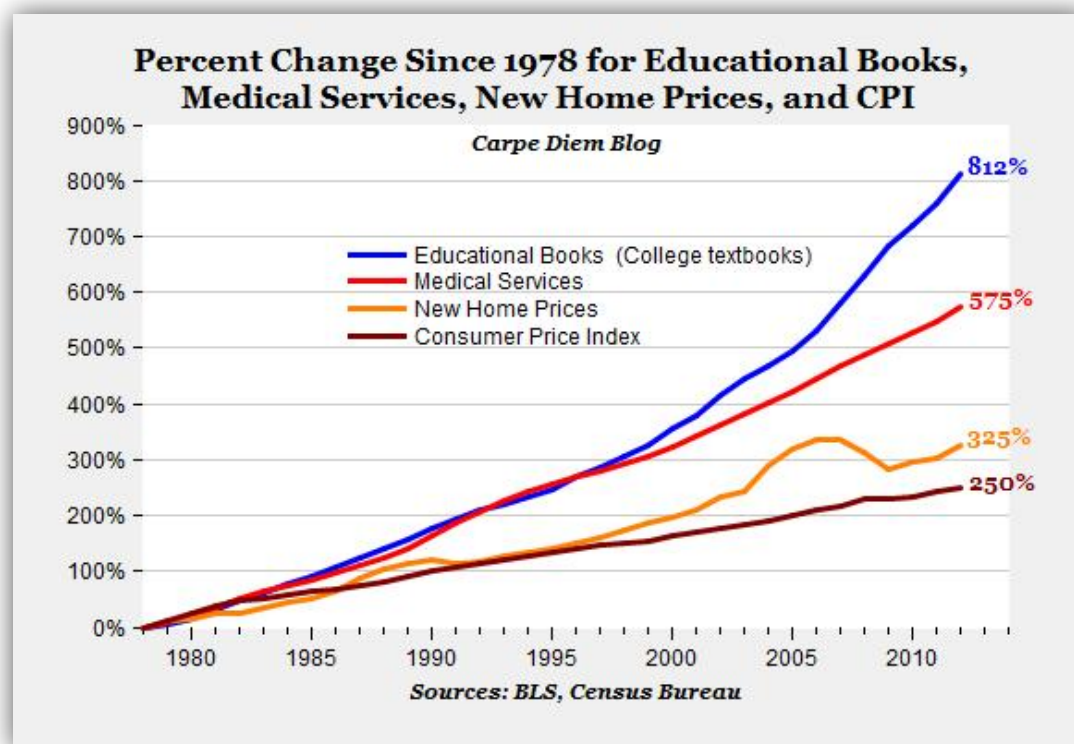
THE OPEN EDUCATION INITIATIVE AT UMASS AMHERST

SEEKING ALTERNATIVES TO HIGH-COST TEXTBOOKS

Charlotte Roh
Based on Marilyn Billings' OER Summit Presentation (October 2013)



WHY OPEN EDUCATION?



“I stopped buying textbooks my second semester here.” - Marieme T., library student assistant



SEEKING SOLUTIONS

- The Provost's Office and the University Libraries of the University of Massachusetts Amherst launched the Open Education Initiative (OEI) in the Spring of 2011.
- The OEI is a faculty incentive program (a small grant) that encourages:
 - the creation of new teaching materials,
 - the use of library subscription materials,
 - or the use of existing open (free) information resources to support our students' learning.

OEI GRANT: FACULTY PROPOSALS

- Basic course information
 - Number of students
 - Current textbook(s) and cost
- Anticipated OER implementation date
- Narrative (500 words)
 - Outcomes
 - Sustainability
 - Challenges
 - Assessment
- Deadline: April 22nd
- You can apply at <http://goo.gl/BDq20x>.



Photo credit: Derek Jensen aka FireChickenTA99

SUCCESS STORIES

Carlos Gradil



- Animal Sciences 421: Fundamentals of Reproduction
- Initial Cost Savings: \$2,400

Hossein Pishro-Nik



- Electrical and Computer Engineering 314: Introduction to Probability and Random Processes
- Initial Cost Savings: \$14,630

Daiheng Ni



- Civil & Environmental Engineering 520: Traffic Flow Theory
- Initial Cost Savings: \$3,150

Patricia Bianconi



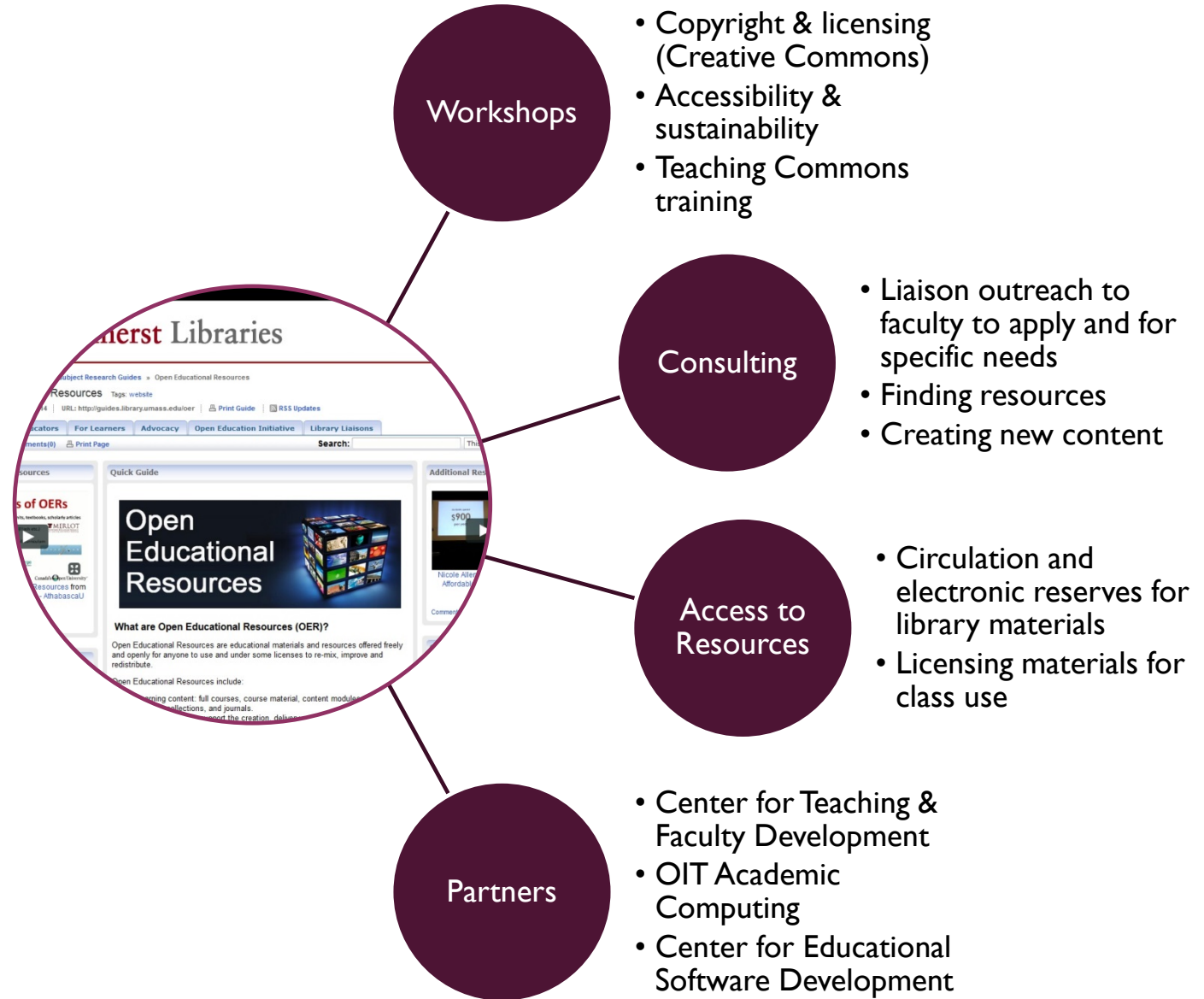
- Chemistry 342: Inorganic Chemistry Laboratory
- Initial Cost Savings: \$10,575

Estimated Total Students 5,235

Estimated Total Savings \$771,580

Estimated Savings/Student \$125.91

UMass Libraries at Work





OTHER INSTITUTIONS

- Community College of Vermont
- Holyoke Community College
- North Carolina State University
- Purdue University
- University of California
- California State Universities
- University of Maryland
- Wakeforest University

These are just a sampling. Several institutions have launched state-wide initiatives to provide open education hubs, and many have borrowed from the UMass Amherst model and the Libraries Open Education Resources Guide.



WHAT ARE OPEN EDUCATIONAL RESOURCES?

WHERE DO I FIND THEM?



OPEN EDUCATIONAL RESOURCES: THE 4R FRAMEWORK

Reuse

Revise

Remix

Redistribute





OER INCLUDES

Curriculum

Syllabi

Content
modules

Course materials

Textbooks

Assignments

Simulations

Learning objects

Labs

Collections

Journal articles

E-books

Art galleries

Video libraries

Tools

Software

Calculators

Analytics

And more!

Home For Educators For Learners Advocacy Open Education Initiative Library Liaisons

Home Comments(0) Print Page Search: This Guide Search

Additional Resources

Types of OERs

- Learning objects, units, textbooks, scholarly articles IRRODL.org
- Multimedia objects (Flash etc.) MERLOT
- Courses, programs full curriculum
- Tools, FOSS

eduforge

Athabasca University Canada's Open University

Open Educational Resources from Open Access Week - AthabascaU

Open Access Week - AthabascaU

Open Educational Resources from

Quick Guide

Open Educational Resources



Additional Resources



Nicole Allen: Make Textbooks Affordable from SPARC on Vimeo.

Vimeo

Affordable from SPARC on Nicole Allen: Make Textbooks

[HTTP://GUIDES.LIBRARY.UMASS.EDU/OER](http://guides.library.umass.edu/oer)

Open Educational Resources Guide at UMass Amherst

UMass Amherst Libraries

UMass Amherst Libraries » Subject Research Guides » Open Educational Resources 2

Open Educational Resources 2 [no tags specified]

Last Update: Mar 20, 2014 | URL: <http://guides.library.umass.edu/content.php?pid=543581> | Sta

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OER for Educators




Academic Commons (<http://www.academiccommons.org/>)

- Academic Commons is dedicated to the development of free web-based resources for academic professionals focusing on liberal arts education via digital tools.
- The news aggregator showcases current developments and projects in the open education community.

AcademicPub (<http://www.academicpub.sharedbook.com/>)

- AcademicPub is a build-your-own-textbook service that offers students three different options for purchasing the book: digital download, paperback, or hardcover.
- Instructors can create a customized textbook with book chapters, case studies and journal articles.
- AcademicPub provides services to track how much royalties will cost for each custom textbook.

Select Language 

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REGISTRATION IS NOW OPEN



Courses

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Discover Courses from Institutions around the world

+ search courses



About

OPEN EDUCATION

What is OpenCourseWare and how it empowers Open Education movement

+ learn more



Learn

OUR WEBINARS

We host and organize online webinars featuring leaders in the open education movement.

+ watch and learn



OCWC Global

OUR ANNUAL EVENT

Join scholars and practitioners as we discuss this years theme - Open Education for a Multicultural World.

+ join us

 30 000+ Modules

 280+ Organizations

 40 Countries

 29 Languages

Course Catalog

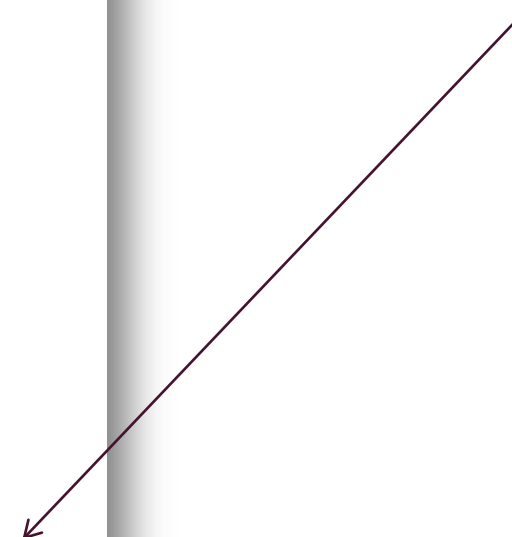
Navigation

[Courses by Provider](#)
[Courses by Language](#)
[Courses by Category](#)
[OCW Search engines](#)
[Developers API](#)

Course Catalog

- **Applied Sciences (433 courses)**
 - Agriculture (3 courses)
 - Biotechnology (0 courses)
 - Building (construction) Trade (0 courses)
 - Chemical Technology (0 courses)
 - Engineering (122 courses)
 - Planning, Development, Urban (61 courses)
- **Arts (301 courses)**
 - Architecture (81 courses)
 - Art, Paintings, Sculptures (13 courses)
 - Drawing (0 courses)
 - Graphic Arts (0 courses)
 - Music (65 courses)
 - Photography (19 courses)
 - Sports, Recreation (11 courses)
 - Theater, Cinema (56 courses)
- **Computer Science (228 courses)**
 - Application-oriented Computer-based Techniques (0 courses)
 - Artificial Intelligence (0 courses)
 - Computer Architecture (0 courses)
 - Computer Communication (0 courses)
 - Data (0 courses)
 - Hardware (47 courses)
 - Human-computer Interaction (0 courses)
 - Linux (0 courses)
 - Software (62 courses)
 - Web Online (30 courses)
- **Geography (78 courses)**
- **Language (252 courses)**
 - Languages (61 courses)
 - Linguistics (32 courses)
 - Literature (145 courses)
 - Phonology (10 courses)
- **Mathematics (211 courses)**
 - Algebra (20 courses)
 - Analysis (0 courses)
 - Calculus (21 courses)
 - Computation (6 courses)
 - Differential Equations (22 courses)
 - Geometry (13 courses)
 - Number Theory (0 courses)
 - Statistics, Probability (27 courses)
- **Natural Sciences (430 courses)**
 - Animal Zoology (16 courses)
 - Astronomy (27 courses)
 - Biology (55 courses)
 - Botany (0 courses)
 - Chemistry (30 courses)
 - Energy, Water, Environment (51 courses)
 - Geology (16 courses)
 - Palaeontology (0 courses)
 - Physics (50 courses)
- **Religion (14 courses)**
 - Buddhism (0 courses)
 - Islam (0 courses)
 - Judaism (0 courses)
 - Modern Spiritual Movements (0 courses)
 - Prehistoric And Primitive Religions (0 courses)

Let's see what they have for the environment (51 courses).



Energy, Water, Environment

Course Title	Language	Details
12.842 Climate Physics and Chemistry (MIT)	English	Details
RES.STP-001 Science Policy Bootcamp (MIT)	English	Details
Who Controls Water? Conflict, Cooperation, and "Soft" Power	English	Details
12.812 General Circulation of the Earth's Atmosphere (MIT)	English	Details
12.090 Special Topics in Earth, Atmospheric, and Planetary Sciences: The Environment of the Earth's Surface (MIT)	English	Details
1.020 Ecology II: Engineering for Sustainability (MIT)	English	Details
2.500 Desalination and Water Purification (MIT)	English	Details
1.463J The Impact of Globalization on the Built Environment (MIT)	English	Details



The Impact of Globalization on the Built Environment

COURSE HOME <

SYLLABUS

CALENDAR

READINGS

LECTURE NOTES

DOWNLOAD COURSE
MATERIALS



The impacts of globalization extend to all areas of life, including business, culture, and language. (Image by Nicole Rager Fuller, National Science Foundation.)

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in s

**Course
Description**

**Other
Versions**

Course Features

> [Lecture notes](#)

Course Description

The course is designed to provide a better understanding of globalization, the current financial crisis and the impact of changing and evolving international architecture, en

We will, hopefully, obtain a better understanding of how these forces of globalization and the current financial crisis are having an impact on the built environment and how they will affect firms and your future career opportunities. We will also identify, review and discuss best practices and lessons that can be learned from recent events.

Instructor(s)

Mr. Derish M. Wolff

Prof. Fred Moavenzadeh

MIT Course Number

1.463J / 11.342J / ESD.53J

As Taught In

Fall 2009

Level

Graduate

CITE THIS COURSE

UMass Amherst Libraries

UMass Amherst Libraries » Subject Research Guides » Open Educational Resources

Open Educational Resources


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Open Image Resources

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A collection of images published on Flickr using a Creative Commons license.
- [NY Public Library Digital Gallery](#)
Open access to over 700,000 digital images from the new York Public Library's collections.
- [U.S. Government Photos and Images](#)
A vast collection of photos and images from the U.S. Government, many of which are in the public domain and free to use.
- [Shared Shelf Commons](#)
An open-access database of image collections shared by institutional users of Shared Shelf.
- [Wellcome Images](#)
Providing access to the visual collections of the Wellcome Library, which documents "2000 years of human culture" with a focus on biomedical imagery. Most images are open access, with others available for paid licensing.
- [Artstor Images for Academic Publishing \(IAP\)](#)
Free images for use in academic publishing, provided by museum collections.
- [Getty Open Content Images](#) 
Search over 10,000 images from Getty Museum and Research Institute collections made available for download.

[Comments \(0\)](#)

Open Video Resources

- [Moving Image](#)
A large collection of moving images.
- [The Open Video Project](#)
A repository of open video.
- [Internet Archive](#)
Over 1.5 million films, many public domain.

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Images for Academic Publishing (IAP)



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Dallas Museum of Art	700		Dallas Museum of Art Terms & Conditions
Getty Research Institute			Getty Research

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FAQs

ARTSTOR

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GO

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Advanced Search

BROWSE

GEOGRAPHY

(Afghanistan, Albania, Algeria...)

CLASSIFICATION

(painting, performing arts, photography...)

COLLECTION


(ARTstor, Shared Shelf, Shared Shelf Commons, Personal Collections...)

FEATURED GROUPS


(Sample Topics, ARTstor Travel Award recipients...)

What's New


New agreement: Additional images from the National Gallery of Art



Artstor secrets: image group panels



The rebirth of the Ishtar Gate



ARTSTOR

History | Find Organize Share Display Options Tools Help

Filtered Search

All Collections: Israel

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Sort by Relevance Images/page 24

Collection Type

clear

ARTstor Digital Library

Classification

clear

Architecture and City Planning

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Drawings and Watercolors

Fashion, Costume and Jewelry

Film, Audio, Video and Digital Art

Garden and Landscape

Graphic Design and Illustration

Humanities and Social Sciences

Manuscripts and Manuscript Illuminations

Maps, Charts and Graphs

Paintings

Performing Arts (including Performance Art)

Photographs

Prints

Science, Technology and Industry

Sculpture and Installations

Geography

clear

North America

Canada

United States

South America

Argentina

Europe

Austria

Belgium

France

Germany


Greece

Hungary

Ireland


1000 result(s) for "Israel"

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IAP A

Fan (Folding Fan)
Unknown
1860-1869




IAP A

Fan (Folding Fan)
Unknown
1860-1870




IAP A

Fan (Folding Fan)
Unknown
1870-1890




IAP A

Fan (Folding Fan)
Unknown
1840-50




IAP A

Fan (Folding Fan)
Unknown
1860-1870




IAP A

Dress, Evening (...
Thea Porter, Bri...
ca. 1972




IAP A

Fan (Folding Fan)
Unknown
1860-1869




IAP A

Fan (Folding Fan)
Unknown
1840-50




IAP A

Fan (Folding Fan)
Unknown
1860-1870




IAP A

Coat, Evening
Jay Thorpe, Inc.
ca. 1925




IAP A

Fan (Folding Fan)
Unknown
1860-1870




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Yaacov Agam
1961




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Moshe Tamir (Isr...
c. 1977




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Robert Israel (A...
1970




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c. 1977




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Untitled from To ...
Moshe Tamir (Isr...
c. 1977



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Untitled from To ...
Moshe Tamir (Isr...
c. 1977



IAP A

Untitled from To ...
Moshe Tamir (Isr...
c. 1977

Filtered Search

All Collections: israel

Hide filter panel

Collection Type

ARTstor Digital Library

Classification

Manuscripts and Manuscript Illuminations

Geography

☒ North America
☐ United States

☒ Europe
☐ Austria
☐ Belgium
☐ Czech Republic
☐ France
☐ Germany
☐ Greece
☐ Hungary
☐ Ireland
☐ Italy
☐ Netherlands
☐ Poland

Sort by

151 BC

502 re

Click im

Book of

1751

Ketubah

early 19th



Isaiah Scroll; s...

2nd cent. BCE

Ketubah (marriage ...

1888

Copy of the copper ...

2nd cent. BCE

Isaiah Scroll; s...

2nd cent. BCE

Isaiah Scroll; s...

2nd cent. BCE

Paris Psalter, D...

Constantinople, mid ...

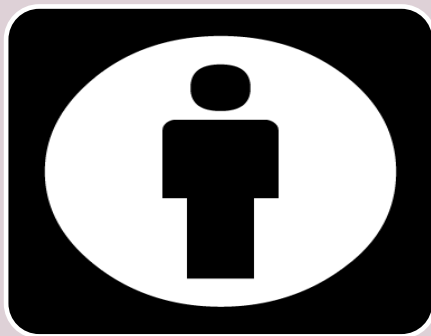


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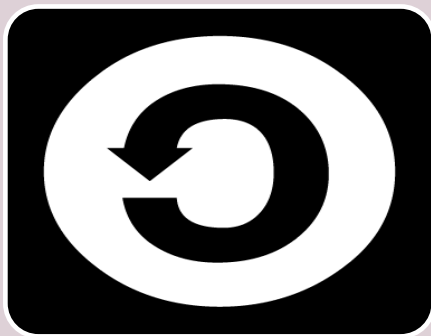


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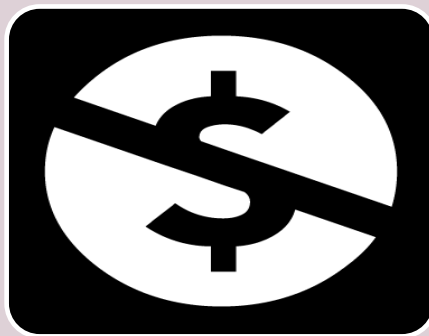
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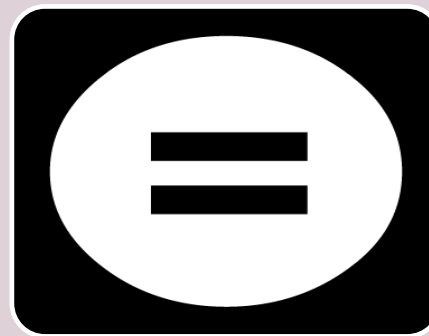
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UMass Scholarworks

<http://scholarworks.umass.edu/>

QUESTIONS?

We can all encourage

- the creation of new teaching materials,
- the use of library subscription materials,
- the use of existing open (free) information resources to support our students' learning.

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