Topics covered

• The “open” movement and open access
• Open access resources
• UHM’s Open Access Policy
• Institutional repositories
• ScholarSpace
What is *open*?

**Open content** is freely available\(^1\) for unrestricted use\(^2\).
1: publicly accessible online
2: minimally restricted reuse with attribution

- Open Educational Resources (OER) and Open Courseware
- Open Data
- Open Government
- Open Source Software
- Open Licensing
- Open Access
What is the philosophy of open access?

Open access builds a better society through contribution by and collaboration of individual producers of scientific knowledge and holders of cultural heritage.
The context for open access

BARRIERS TO KNOWLEDGE:
• Perceived problems in academic publishing
• High costs of journal subscriptions
• Legal restrictions on sharing

BETTER TECHNOLOGY:
• Increased use of the internet
• Improved digital publishing
• Newly available sharing solutions
Demonstrated rise in open access articles

The rapid rise in open access. The graph (from Laasko and Bjork’s paper – BMC Medicine 2012, 10:124) shows the numbers of papers published in three different types of online open access journals from 2000 to 2011. Courtesy The Guardian.
Some funding agency responses*

World Funders by Open Access Publishing Policy Type
- Required (30 = 22%)
- Encouraged (45 = 33%)
- No Policy (62 = 45%)

World Funders by Data Archiving Policy Type
- Required (33 = 24%)
- Encouraged (16 = 12%)
- No Policy (88 = 64%)

Total = 137 funders
Why participate in open access?

• Contribute to the public good
• Raise visibility of your work
• Collaborate with others
• Fulfill funding requirements
• Combat prohibitively high publisher costs
• Avoid lengthy delays between knowledge creation and release via classic publication channels
Open questions about open access

• What is the impact of open access on quality control?
• How does open access publishing affect perceived academic reputation?
• How are different versions of content managed?
• Who pays to offer open content?
Ways to release your work open access

• Self archive
• Publish with Open Access Journals
• Release through institutional or subject repositories
Finding open access journals

• DOAJ – doaj.org
• SHERPA/RoMEO – www.sherpa.ac.uk/romeo
• PMC - www.ncbi.nlm.nih.gov/pmc/journals/
• PLOS – www.plos.org/publications

On the other hand:
• http://scholarlyoa.com/publishers/
Finding open access repositories

- ROAR – roar.eprints.org

Repositories registered in the last 10 years.
Finding open access repositories

• OpenDOAR – opendoar.org

- Proportion of Repositories by Country - Worldwide

  - United States: 16.6%
  - United Kingdom: 11.1%
  - Germany: 8.4%
  - Japan: 8.2%
  - Spain: 6.2%
  - France: 6.2%
  - Poland: 5.8%
  - Brazil: 5.5%
  - Italy: 4.3%
  - Other: 47.1%

Total = 2729 repositories
OpenDOAR - 08-Oct-2014

• Open Access Directory – Disciplinary Repositories List

ScholarSpace
Finding open resources using Open Archives Initiative Protocol for Metadata Harvesting

Repositories provide standardized metadata.
Service providers harvest the records.

• OAIster
• AgNIC
• OLAC
• BASE
• Sheet Music Consortium
• Google Scholar
UHM Open Access Policy

In Fall 2012, UHM implemented the UHM Open Access Policy expressing the faculty’s “commit[ment] to disseminating the fruits of its research and scholarship as widely as possible making it more accessible and affordable . . . [and giving] greater exposure to UHM researchers and to their scholarship.”

What is an *institutional repository* (IR)?

- A *collection of resources* that are accessible via a network without prior knowledge of the structure of the collection

  AND

- A *system* that manages, stores, and provides access to digital content.
What is the practical value of an IR?

• Can be a cost effective way to provide very wide access
• Allows for centralization of digital collections
• Gives institutional control over institutional intellectual content
• Offers digital sustainability
• Provides an outlet for “grey literature” like technical reports and research newsletters
What is the strategic value of an IR?

• Recaptures an institution’s intellectual content from commercial publisher
• Accelerates the delivery and impact of an individual’s research
• Showcases an institution’s research output
• Connects individuals and the institution with other external knowledge producers
IRs internationally

2005: IRs at 40% universities; 6% colleges
2009: Over 90% of universities & colleges have IRs
2014: Content in IRs and IR deployment continues to grow

Some Institutions Nationally:
• University of California
• MIT
• Virginia Tech
• Stanford
• Harvard

Some Technologies:
• DSpace
• DuraSpace
• Eprints
• Digital Commons (bepress)
ScholarSpace @ UH Manoa

http://scholarspace.manoa.hawaii.edu/
ScholarSpace

• DSpace Software
• Search Functions
• URI
• Long-term Preservation
• File Format
• Organization/Hierarchy
Organized by Communities

COMMUNITIES IN SCHOLARSPACE

Select a community to browse its collections.

- American Studies [31]
- Center for Chinese Studies [94]
- Center for Japanese Studies [43]
- Center For Korean Studies [7]
- Center for Okinawan Studies [17]
- Center for Oral History [838]
- Center for Pacific Islands Studies [289]
- Center for Philippine Studies [56]
- Center for South Asian Studies [32]
- Center for Southeast Asian Studies [114]
- College of Education [128]
- College of Engineering [63]
- College of Tropical Agriculture and Human Resources [1276]
- Communication and Information Science [48]
- Department of Anthropology [23]
- Department of Biology [23]
- Department of Botany [207]
Search
### Metadata

#### COMPUTER SKILLS WORKSHOP FOR INCOMING COMMUNITY COLLEGE STUDENTS

**Item Description**

<table>
<thead>
<tr>
<th>Title:</th>
<th>Computer Skills Workshop for Incoming Community College Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author:</td>
<td>Urasaki, Leanne</td>
</tr>
<tr>
<td>Date:</td>
<td>2009-04-16</td>
</tr>
<tr>
<td>Publisher:</td>
<td>Technology, Colleges, and Community Worldwide Conference</td>
</tr>
<tr>
<td>Abstract:</td>
<td>Colleges today are requiring students to conduct more and more administrative business as well as academic tasks using computers and the Internet. Despite this, research shows there are still students entering college without these computer skills. This is particularly true at the community college level. This study examines the effects of a pre-semester basic computer skills workshop for students entering Hawaii Community College with little or no computer experience. Findings indicate participants (n=4) found the workshop effective, felt they improved their computer skills, and were as a result better prepared to enter college. However, these findings should be viewed with caution due to the small sample size of the study.</td>
</tr>
<tr>
<td>Description:</td>
<td>This project was conducted as a requirement of the Online Master's in Educational Technology program at the University of Hawaii at Manoa. The project was also presented online at the 2009 TCC Online Conference.</td>
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<td>Pages/Duration:</td>
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</table>
Depositing Work in ScholarSpace

http://library.manoa.hawaii.edu/scholarspace/submit.html

- Finish your project
- Consolidate files
- Select descriptive keywords
- Think about a Creative Commons License
Creative Commons License

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Login:
Submission Template

ITEM SUBMISSION

Select a collection
Collection:
Select the collection you wish to submit an item to.
ETEC 690. Spring 2012

Next

ITEM SUBMISSION

Initial Questions → Describe → Describe → Upload → Review → CC License → License → Complete

Describe Item
Authors:
Enter the names of the authors of this item below. If it is an organization, enter the full name of the organization in the first text box below.

Last name, e.g. Smith
First name(s) + "Jr", e.g. Donald Jr

Instructor(s):
Enter the instructor name(s) for this course.

Last name, e.g. Smith
First name(s) + "Jr", e.g. Donald Jr

Title:
Enter the main title of the item.

Other Titles:
If the item has any alternative titles, please enter them below.

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Please give the date of previous publication or public distribution below. You can leave out the day and/or month if they aren't applicable.

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More information at:
guides.library.manoa.hawaii.edu/scholarly_communications
* Sources:


Data from JULIET, which is keeping a list of funding agencies and their policies around open practices, available at: [http://www.sherpa.ac.uk/juliet/stats.php](http://www.sherpa.ac.uk/juliet/stats.php), accessed on: October 11, 2014.

