Academic Libraries and Digital Publishing

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Introduction to Macau
Crossroads of East and West
Meeting Point of Ancient and Modern
University of Macau
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU
Old Campus in Taipa
Since 2014
Some Basic Facts and Statistics – Facilities

(2016-01-01)

- 1 Auditorium
- 2 Exhibition Halls
- 14 OPAC
- 207 Computers
- 35 Laptop
- 33 Group discussion room
- 26 Private study room
- ~3000 Seats
Some Basic Facts and Statistics – Resources
(2016-01-01)

Print Materials
~630,000 Book Items
~6,000 Journal Titles

A/V Materials
~26,000 Items

Electronic Resources
~300 Databases
~140,000 E-Journal Titles
~600,000 E-Book Titles
~6,530,000 E-thesis

Rare Books
(Published before 1911)
~6,000 Titles
~24,000 Items
Disruptive Technology
The Age of Change
Disruptive Innovation

“A disruptive innovation is an innovation that creates a new market and value network and eventually disrupts an existing market and value network, displacing established market leaders and alliances.”

-- Clayton M. Christensen  
Harvard Business School
Characteristics of Disruptive Innovations

• Change the rules of the game
• Aims at making products last longer
• Speeding up processes
• Raising margins
• Go one step further
20 Years later and all of these things fits in you pocket.
Digital Publishing in Library
Traditional publishing VS Digital publishing
TRADITIONAL PUBLICATION CYCLE

- Author (as recipient)
- Author (as producer)
- Library
- Publisher
- Bookseller / Library Supplier

Steps:
- Paid by taxpayer
- peer review
- layout, copy-editing
- distribution

Processes:
- delivery
- selection & acquisition
“[Digital] Publishing means connecting a community through the art and science of communication.”

----John Battelle
One of the founders of *Wired* magazine
Leading commentator
Features of Digital Publishing

• It is a role of agency in creating and disseminating text and visual artifacts in a networked electronic environment.

• It constitutes a comprehensive content management service libraries can offer to user communities as part of their overall mission.

• It encompasses both formal and casual styles of electronic publishing, ranging from peer-reviewed ejournals and policy reports to blogs and social media.

• It includes robust metadata, cross-platform document design, rigorous editing and quality control, adherence to requisite copyright and commercial laws, and attention to long-term preservation strategies.

Working definition of IDPF- International Digital Publishing Forum
Innovation in Digital Publishing
2007 – 2020

Reasons for library doing digital publishing

1. Rise in resource prices and limited budgets accelerate open access resources.

2. Digital convergence and new technology have matured enough for publishing.

3. Barriers around digital publishing are lower than ever.

4. Librarians possess all of the necessary skills to act as digital publisher.
Economic reality

• Intellectual and scholarly works are produced by university.
• But libraries have to buy it back from commercial publishers at high cost.
Monograph & Serial Costs in ARL Libraries, 1986-2011*

Serial Expenditures (+402%)

Monograph Unit Cost (+99%)

Monograph Expenditures (+71%)

Monographs Purchased (+10%)

NOTE: Data for monograph and serials expenditures was not collected in 2011-12.

*Includes electronic resources from 1999-2011.
Data from the Association for Research Libraries show that from 1986 to 2011:

- The cost of serials rose 402%.
- The cost of a monograph rose 99%.

Bottom line: prices are going up, and libraries can't keep up.
Digital convergence and new technology have matured enough for publishing.
• In a survey conducted by Association of Research Libraries in 2007, 43% of the 80 libraries surveyed reported that they were delivering publishing services.
Institutional Repositories:

The demonstration of library’s potential role as a digital publisher.
Harvard University

DIGITAL ACCESS TO SCHOLARSHIP AT HARVARD

What is DASH?
A central, open-access repository of research by members of the Harvard community.

Share DASH with your social network
We’ve added two new social sharing feeds to DASH, MyFeeds and AddThis.

In this OSC screencast, DASH developer Reinhard Engels explains how MyFeed allows users to generate dynamically-updated lists by school, FAS department, or author. He also demonstrates how, with AddThis, a user can post an article to Facebook, Twitter, and other networking platforms.

Introducing MyDASH
Harvard researchers have uploaded thousands of works into the DASH repository; MyDASH allows these same researchers to keep track of article downloads.

In this OSC screencast, DASH developer Reinhard Engels explains how Harvard-affiliated authors can use this new tool to track views, visitors, and downloads.
Digital Collections

Welcome to ANU Digital Collections, our online location for collecting, maintaining and disseminating the scholarly output of the University. This service allows members of the University to share research with the wider community. Digital Collections accepts journal articles, conference papers, book chapters, working or technical papers and other forms of scholarly communication. It is also a repository for digital images of manuscripts and photographs in University research collections.

Communities in Digital Collections

Choose a community to browse its collections.

- ANU Research [4282]
- Research Collections [2016]
Welcome to UM Institutional Repository

The University of Macau Institutional Repository collects, preserves, disseminates and showcases in digital form the scholarly and research output produced by the UM community. While preserving the intellectual output of the UM in a permanent and secure home, the Repository helps in promoting and facilitating the practice of open access and the new model of scholarly communication. The types of materials that the Repository contains include electronic theses and dissertations, journal articles, working papers, conference papers and presentations, pre-prints, books, book chapters, patents, and other intellectual output.

More exciting news to appear here.

Search

Enter some text in the box below to search DSpace.

Communities in DSpace

Choose a community to browse its collections.

- Faculty of Arts and Humanities [0]
- Faculty of Business Administration [138]
- Faculty of Education [0]
- Faculty of Law [0]
- Faculty of Science and Technology [682]
Welcome to OAPS

The University of Macau Library has partnered with some premier universities in the world to establish the Outstanding Academic Papers by Students (OAPS) project. The main purpose is to encourage our students to carry out quality research work by collecting and preserving these works in digital format in the Library website. The papers now in the database are from students in various faculties in the University and the number of these papers will increase gradually in the years to come.

Search

Enter some text in the box below to search DSpace.

Communities in DSpace

Choose a community to browse its collections.

Faculty of Arts and Humanities [7]
Faculty of Business Administration [4]
Faculty of Education [15]
Faculty of Law [2]
Faculty of Science and Technology [41]
Faculty of Social Sciences [10]
UM Library’s Efforts in Digital Publishing
Selective Dissemination of information (SDI) Service
What is **SDI Service**?

- It is a monthly e-bulletin issued by the Library

- Gather and disseminate information (news, trends and developments) on higher education in the world to our senior academic administrators for planning purpose.
### How Is It Compiled?

<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>News Acquisition</td>
<td>• News feeds collected from selected newspapers, magazines, websites and Twitter</td>
</tr>
<tr>
<td>News Filtering</td>
<td>• Interesting news about the trends and development on higher education will be selected</td>
</tr>
<tr>
<td>News Review</td>
<td>• Review on selected articles and essential news will be picked for final evaluation</td>
</tr>
<tr>
<td>Final Evaluation</td>
<td>• The best 10 to 15 news will be selected</td>
</tr>
<tr>
<td>Publish and Distribute</td>
<td>• News articles will be integrated into SDI publication layout</td>
</tr>
<tr>
<td></td>
<td>• The completed SDI publication will be distributed via email</td>
</tr>
</tbody>
</table>
News Sources (1) -- Higher Education Publications and Sources

• Campus Review
• Chronicle of Higher Education
• Inside High Ed.
• Times Higher Education
• University World News
News Sources (2)-- Selected Newspapers with “Higher Education” or “Education” Column

• Australian
• Guardian
• Washington Post
News Sources (3) -- Higher Education Organizations Websites

- International Association of Universities
- Leadership Foundation for Higher Education, UK
- WorldWide University Network
News Sources (4) -- Some Universities Websites & Other Possible Sources

- Princeton, Stanford, Cambridge
- BBC, Google News
About 86 publications and sources are selected for SDI

Library subscribed or open sources
Hong Kong model for appointing chancellor not followed in Britain, says University of Kent vice-chancellor

Shirley Zhao
25 April, 2016

Julia Goodfellow says British universities appoint their own chancellors and council members, which is different from the Hong Kong system where the chief executive automatically becomes chancellor.

Britain does not follow the Hong Kong model where the chief executive automatically becomes chancellor of the eight publicly funded institutions, according to the vice-chancellor of the University of Kent.

Hong Kong’s leader also has the power to appoint a proportion of governing council members, ranging from 12 to 76 per cent. The system has come in for criticism for potentially opening the door to political influence.

The vice-chancellor, Julia Goodfellow, said UK universities appointed chancellors on their own and the title was only ceremonial.
The first issue was published in May 2007.

In almost a decade, over 100 issues were published and it is continuously improving.
Special issues on **specific topics** were issued according to the requirements at that time.
Four special issues published

• General Education

• Research Strategies and Management

• Quality Assurance in Higher Education & Reform of Graduate and Research Programme

• University Governance
Archive database was created to facilitate archiving and searching
Archive Database Created

With Keyword Search

Browse
New Feature: **Book of the Month (1)**
New Feature: *Book of the Month (2)*

In this issue, the following subjects are covered:

- **New Feature: Book of the Month** *(The great American university: its rise to preeminence, its indispensable national role, and why it must be protected)* by Jonathan R. Cole, former Provost of Columbia University and Dean of Faculties from 1989 to 2003. The book explores the vital role of America's research universities as engines of technological and economic growth and illuminates the urgent need to protect them. It -- an electronic version -- is now available in the Library at [http://library.umac.mo/wan/ebook_ebrary.asp?id=10359195](http://library.umac.mo/wan/ebook_ebrary.asp?id=10359195).

- A Rethink of the PhD System
- China Rising in Scientific Research
- University Rankings
- University Fundraising
- Remuneration for University Employees
- University Alumni Office’s Work

**Link to e-book**
Feedbacks from Users

From a colleague: “Just want to thank you again for sharing with us these concise but useful articles, which Dr. xxx and I always enjoy reading.”

From a professor: “Thank you as usual for the useful information about higher education you provide to us in such a compact form.”

From a top management: “Thanks Paul, for the excellent information, in particular, the article China ousts UK in academic research ranking is really very impressive.”
Feedbacks from Users

From a professor:
"I really enjoy getting these collections of articles that you put together. It makes me feel connected to academic discourses in North America and Europe, and I think that it is a very important way to promote more sophisticated academic discourse."

From a colleague:
"Very useful and impressive e-newsletter. Thanks for letting us know your good work."

From a professor:
"This is very nice and interesting! Thanks for including me."
The Future of Library Publishing
Continue to confront a difficult and rapidly changing landscape.
Building capacity, sustaining services, and securing funding will require concerted efforts to demonstrate value and improve business models.
Raising credibility and visibility within the broader scholarly communications community will also require individual and collective efforts.
• Libraries will need to convince
  • campus administrators,
  • university presses,
  • librarians,
  • commercial publishers,
  • content creators

• that library publishing is an important, strategic, purposeful service area that adds value to the publishing ecosystem.
• Libraries will need to cultivate and strengthen their relationships with other scholarly publishers, including—
  • university presses,
  • scholarly societies
  • commercial publishers

• to build our collective capacity, extend the reach of scholarship, and ensure that the scholarly communication apparatus continues to evolve in pace with the research and knowledge produced across academia.
JUST DO IT!
Thank you!