

5-2012

The Shifting Nature of Academic Library Collections

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The Shifting Nature of Academic Library Collections

Western Washington University
May 2, 2012



Doug Way

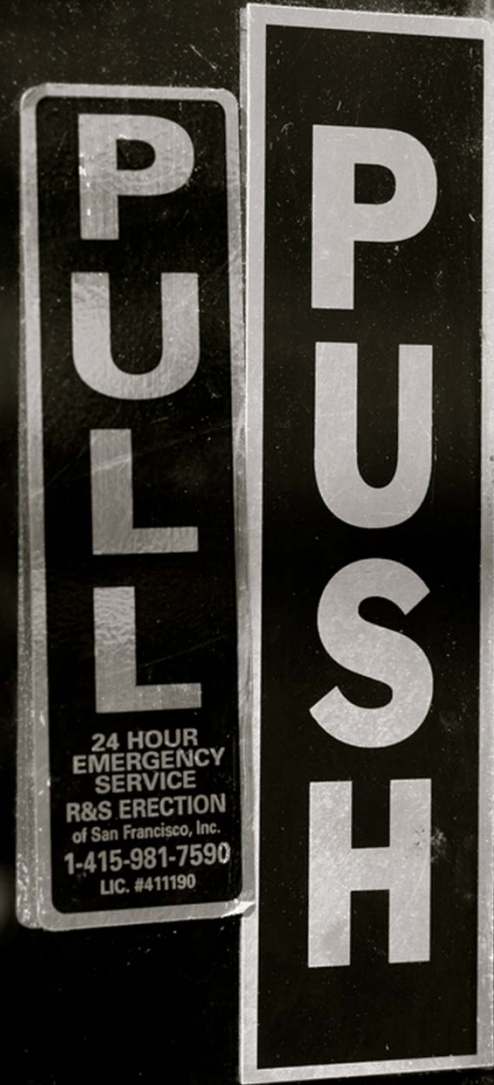
Head of Collections and Scholarly Communications
GVSU Libraries



Unprecedented Era for Academic Libraries

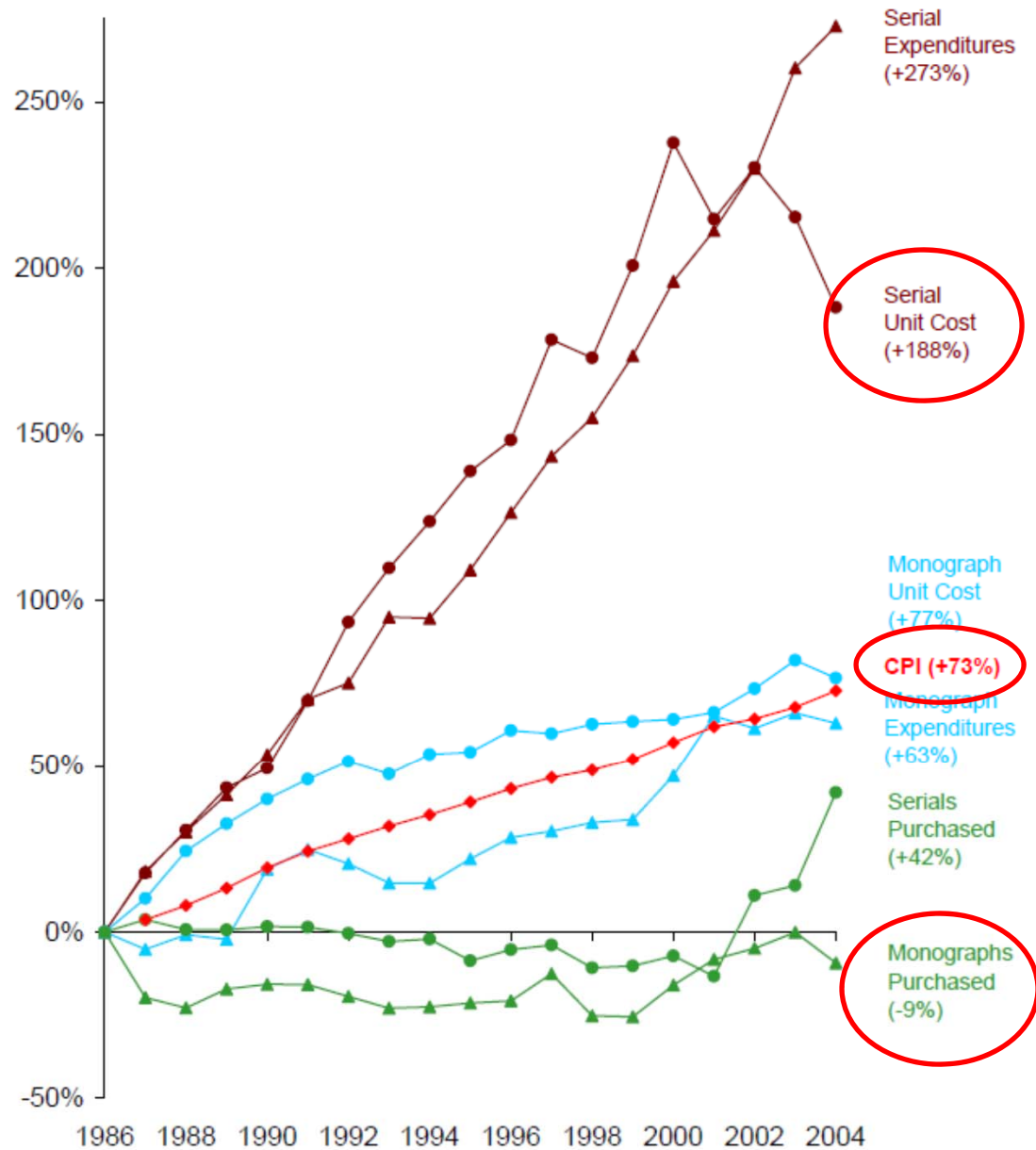


Many of the Changes are Out of Our Control



Hyperinflation

Monograph and Serial Expenditures
in ARL Libraries, 1986-2004*

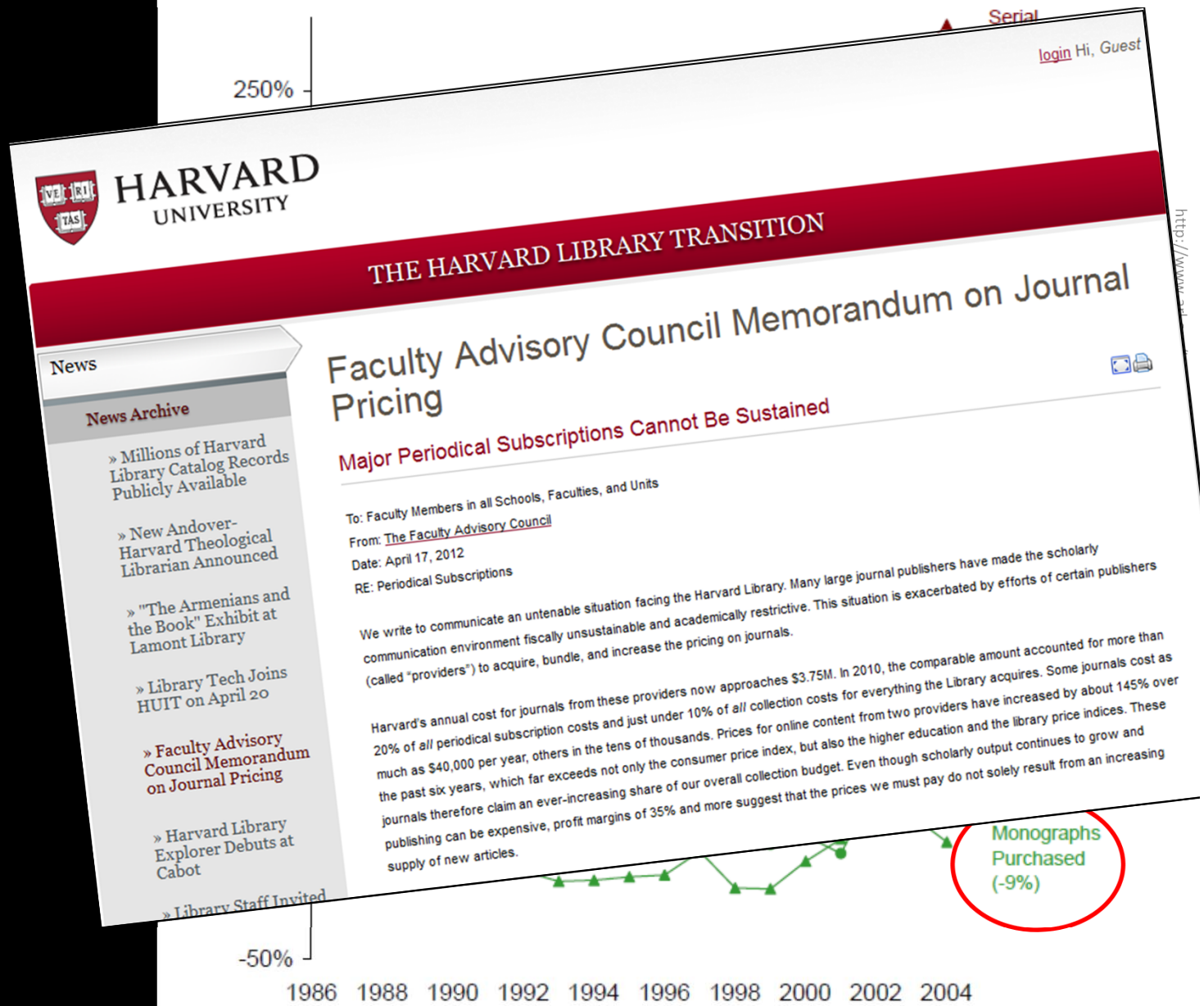


Source: ARL Statistics 2003-04, Association of Research Libraries, Washington, D.C.

*Includes electronic resources from 1999-2000 onward.

Hyperinflation

Monograph and Serial Expenditures in ARL Libraries, 1986-2004*

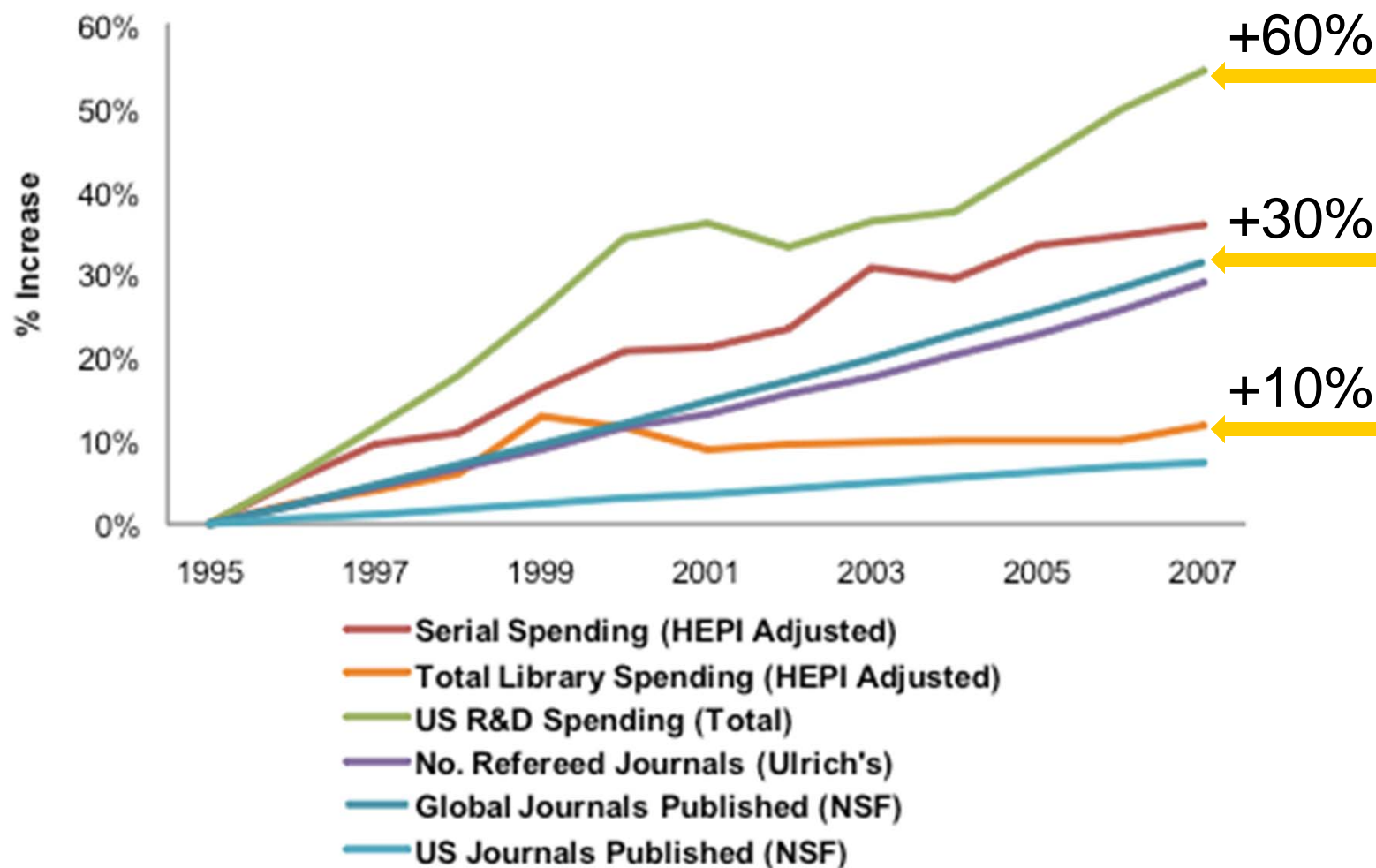


Source: ARL Statistics 2003-04, Association of Research Libraries, Washington, D.C.

*Includes electronic resources from 1999-2000 onward.

Explosion in Scholarly Output

U.S. Library Spending, R&D Spending, and Journals 1995-2007



Declining Support for Higher Education

TRIBLIVE News

Home News

diane.heldt@gazcomm.com

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Diane Heldt covers higher education in Iowa. Diane has covered K-12 and higher education in the state for more than [...]

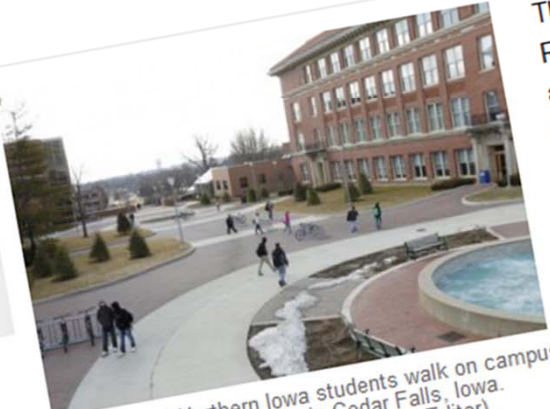
Updated: 21 March 2012 | 7:15 pm in Education

Nearly 60 UNI program cuts approved by Iowa regents

Still no estimate of cost savings from cuts

Comments

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Share 5
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University of Northern Iowa students walk on campus Thursday, March 8, 2012, in Cedar Falls, Iowa. (MATTHEW PUTNEY / Courier Photo Editor)

The state Board of Regents Wednesday approved nearly 60 academic program cuts at the University of Northern Iowa.

The board approved the UNI cuts by a unanimous vote during a meeting in Iowa City. A board committee had recommended the proposed cuts for approval earlier in the day.

... said he reluctantly ... state spending on higher education in ... state budget.

"Do I want to do this? I don't want to, but we don't have the money," Corbett said.

... from the University of New ... t layoffs.

... to bridge a gap caused by a \$32.5 ... g to university spokesperson

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Declining Support for Higher Education

THE CHRONICLE
of Higher Education

Wednesday, April 11, 2012 Subscribe Today

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January 17, 2012

State Budget Cuts for Research Universities Imperil Competitiveness, Report Says

By Emma Roller

States have cut funds for public research universities by 20 percent in constant dollars from 2002 to 2010, according to a report issued on Tuesday by the National Science Foundation.

The report, "Science and Engineering Indicators 2012," is a compendium almost 600 pages long of scientific trends in the United States and around the world. The agency releases such data every two years.

The findings in this year's report demonstrate a continuing trend in scientific innovation. While countries like China and India have increased their spending on technology and education, the United States has found itself hamstrung by a weakened economy since 2008.

CampusViewpoints

Learn how a community can enrich the spirit at

THE UNIVERSITY OF SCRANTON
A JESUIT UNIVERSITY

Most Popular

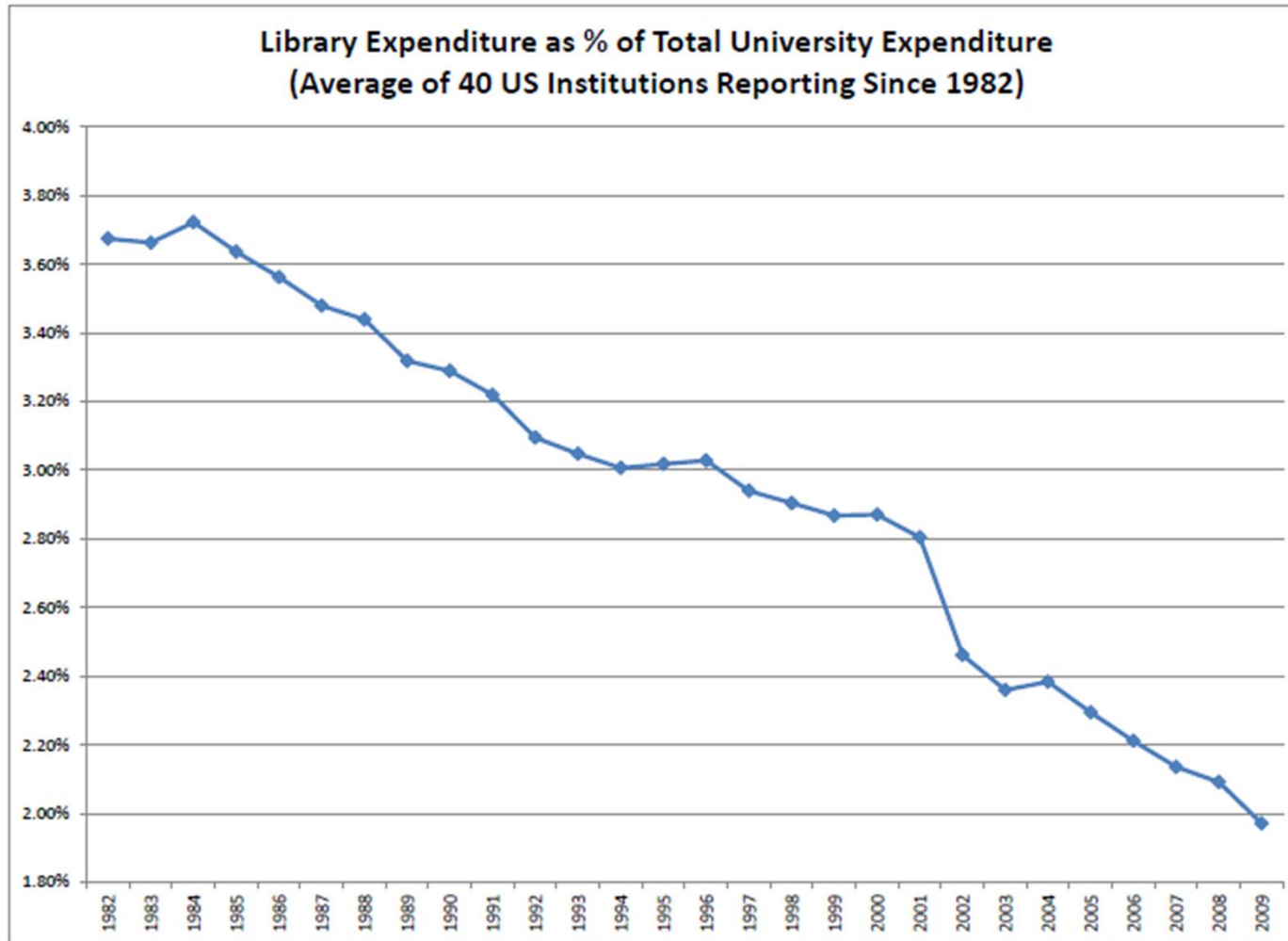
Most Viewed Most E-Mailed Most Commented

said.

Smaller Piece of the Pie for Academic Libraries



Smaller Piece of the Pie for Academic Libraries



But, at the same
time...

Opportunity is Knocking



Technology:

Internet

Mass Digitization

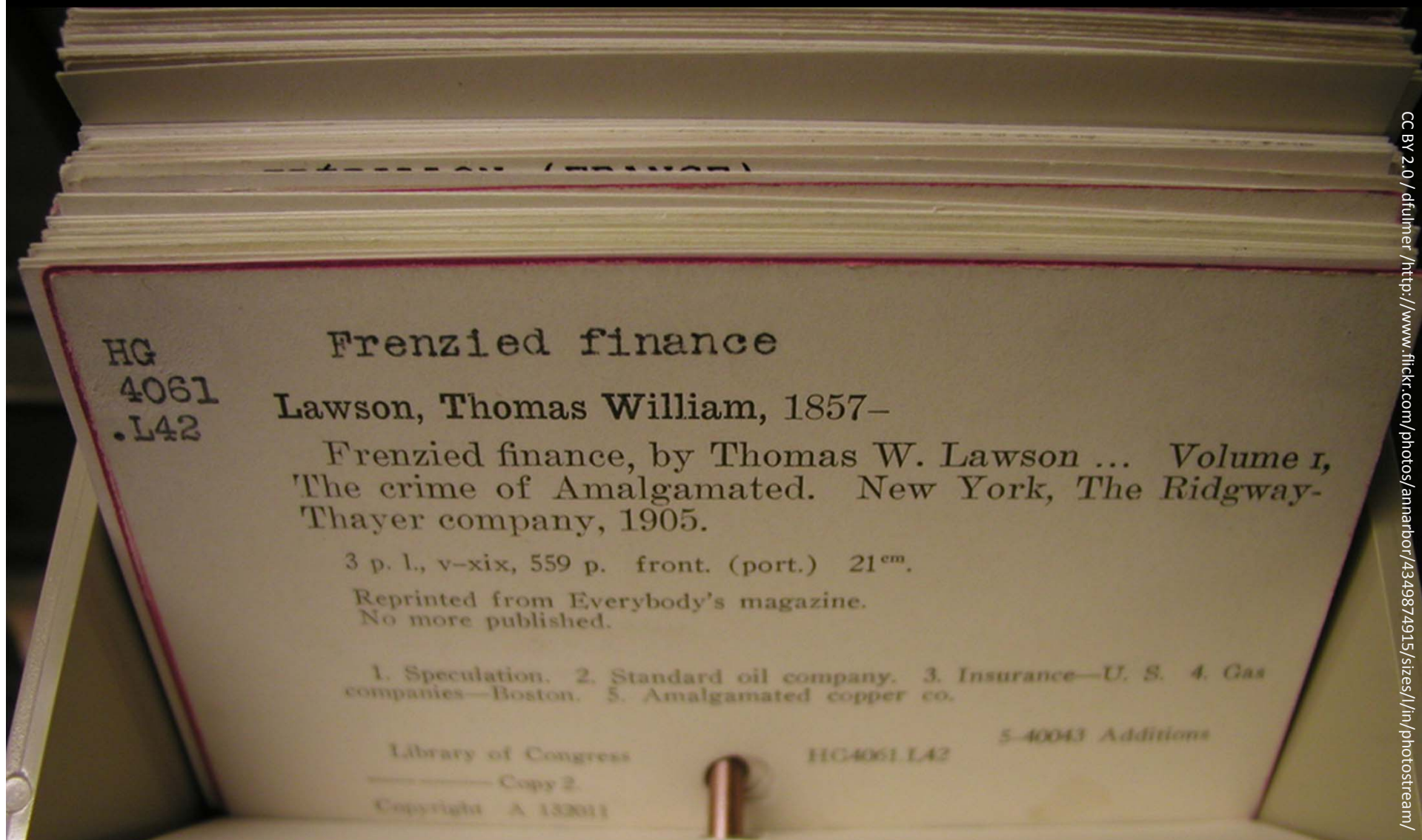
Proliferation of Electronic
Resources

The First Shift

From Building Collections

to Curating Access

In the Past: We Built Stand-Alone Collections



HG
4061
.L42

Frenzied finance

Lawson, Thomas William, 1857-

Frenzied finance, by Thomas W. Lawson ... Volume 1, The crime of Amalgamated. New York, The Ridgway-Thayer company, 1905.

3 p. l., v-xix, 559 p. front. (port.) 21^{cm}.

Reprinted from Everybody's magazine.
No more published.

1. Speculation. 2. Standard oil company. 3. Insurance—U. S. 4. Gas companies—Boston. 5. Amalgamated copper co.

Library of Congress

HG4061.L42

5-40043 Additions

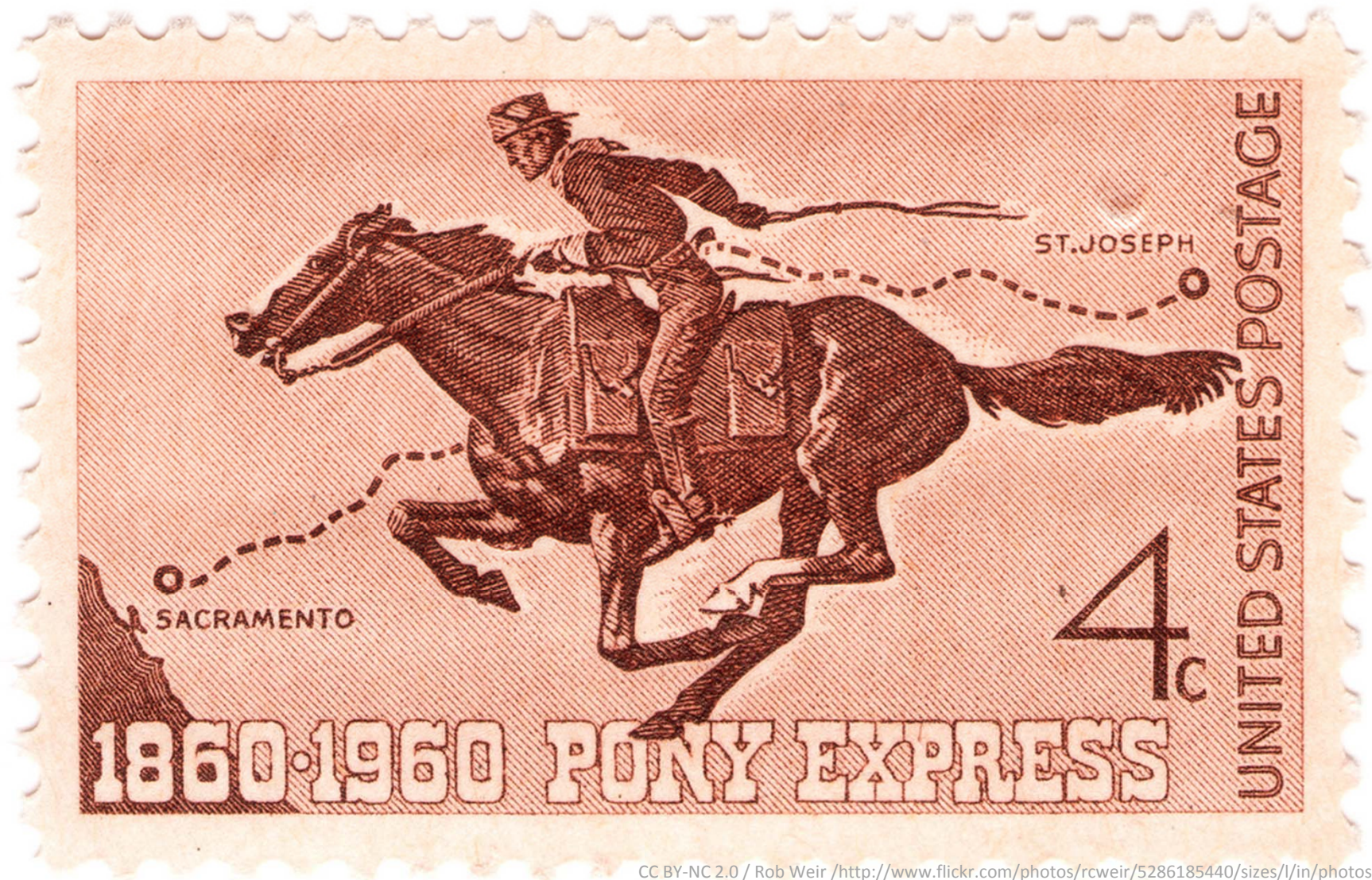
Copy 2.

Copyright A 132011

Difficult to Know what Others Owned



Expensive and Time Consuming to Get Items from Other Libraries



Purchased Just in Case...

- Attempted to anticipate needs
- Tried to build comprehensive collections
 - Why volume count was so important

The Problem

We're not good at guessing...

- Kent Study: **40%** of books never circulated
- Cornell: **55%** of books published since 1990
- GVSU: **30%** of our collection
 - \$200,000 per year



The Problem

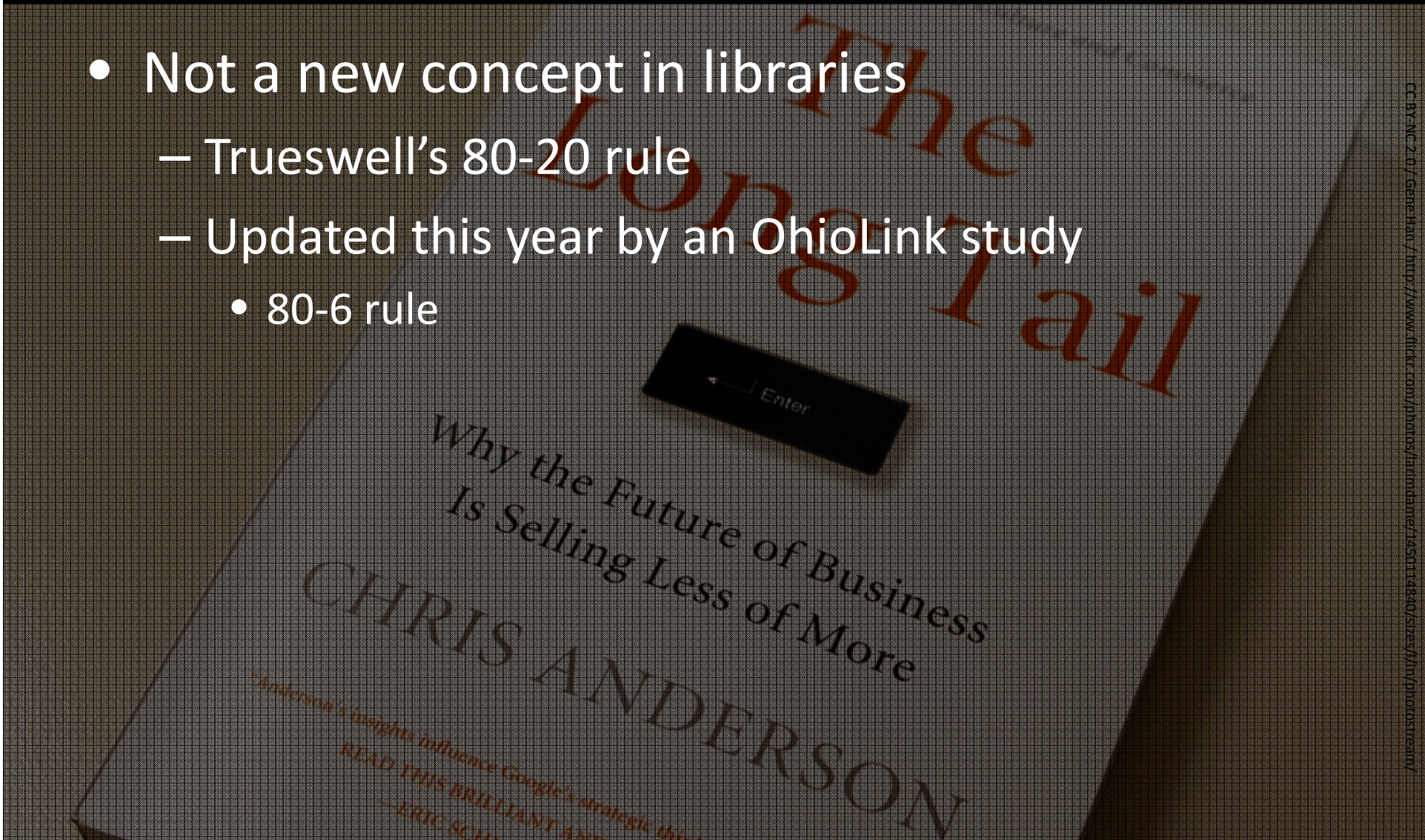
And it's expensive to keep these things on our shelves

- **Myth of the one-time cost**
 - \$4.26 per year per volume
 - Costing us time, space, money and opportunity



Complicating Things: How Collections are Used

- Not a new concept in libraries
 - Trueswell's 80-20 rule
 - Updated this year by an OhioLink study
 - 80-6 rule



Complicating Things: How Collections are Used

**6% of books in Academic
Libraries account for 80% of
the use**

Why the Future of Business
Is Selling Less of More

CHRIS ANDERSON

"Anderson's insights influence Google's strategic thinking."
READ THIS BRILLIANT AND
—ERIC SCHMIDT

What we need to do...

Efficiently

**Figure out how to provide access to the
resources people want and need**

Six Ways Libraries are Doing This



Exploiting eBooks

- Overcome limits of time and place
- Can be more cost effective
- Not without limits
 - DRM
 - Licensing restrictions
 - User preference

Moving Away from Title-by-Title Selection

- Just-in-case collecting not effective
- Increasing and emerging demands on librarians
- Technology making this model obsolete

Moving Toward Just-in-Time Purchasing

- Purchase on Demand
 - Libraries have been doing this for a long time
 - Patron Requests
 - ILL Requests
- Technology is the difference

Just-in-Time Purchasing



Just-in-Time Purchasing



Just-in-Time Purchasing

- Ebook Patron-Driven Acquisitions
 - Current content
 - Immediate & seamless access
 - Cost effective



Just-in-Time Purchasing

- Ebook Patron-Driven Acquisitions
 - At GVSU
 - 10,800 books used in 22,000 times
 - \$852,000
 - We spent: \$109,000



Harnessing Mass Digitization

Immediate and easy access



Free up space



Meet users' expectations



Harnessing Mass Digitization



Digitized in seven years
what would have taken
libraries hundreds of
years.

Harnessing Mass Digitization



10 million volumes

2.8 million volumes in
the public domain

Enhancing

Preserving



HATHI
TRUST

Full-text searchability

Harnessing Mass Digitization



Abandoning Ownership Imperative

- Relying on third-parties for access
 - For books and journals

Journal of accountancy (0021-8448)

from 11/01/1905 to 12/31/1928 in [ABI/INFORM Global](#)

from 11/01/1905 to 12/31/1928 in [Accounting & Tax](#)

from 01/01/1936 to 12/31/1985 in [ABI/INFORM Global](#)

from 01/01/1936 to 12/31/1985 in [Accounting & Tax](#)

from 01/01/1965 to present in [Business Source Complete](#)

from 01/01/1987 to present in [ABI/INFORM Global](#)

from 01/01/1987 to present in [Accounting & Tax](#)

from 1987 to present in [LexisNexis Academic](#)

from 11/01/1989 to present in [Academic OneFile](#)

from 11/01/1989 to present in [Business & Company Resource Center](#) You will need to search this database for your journal title.

from 11/01/1989 to present in [General OneFile](#)

from 11/01/1989 to present in [LegalTrac](#)

from 11/01/1989 to present in [Small Business Resource Center](#)

from 01/01/1995 to present in [Business Abstracts with Full Text \(H.W. Wilson\)](#)

from 2005 to present in [Single Journals](#)

Abandoning Ownership Imperative

- Relying on third-parties for access
 - For books and journals
- Databases like Academic Search Complete for journals or ebrary's Academic Complete for books

Cooperative Collection Development

- Two Percentages:
 - 35%



Cooperative Collection Development

- Two Percentages:
 - 35%
 - Even if we wanted to, we cannot solely rely on ebooks
 - Print remains necessary



Cooperative Collection Development

- Two Percentages:
 - 6%
 - We need to make sure users have immediate access
 - For the rest...?



Cooperative Collection Development

- Libraries must partner together
 - On purchasing new materials
 - Orbis-Cascade Alliance

Cooperative Collection Development

- Libraries must partner together
 - Preserving access
 - WEST, CRL, Five Colleges
 - MI Shared Print Initiative, Maine Shared Collections Strategy (MSCS)

What does this Shift Mean for Legacy Collections?

- We can keep a lot less on our shelves
 - While retaining access to content

What does this Shift Mean for Legacy Collections?

- Where to focus?
 - Deduplicating print and online collections

What does this Shift Mean for Legacy Collections?

- Where to focus?
 - Deduplicating print and online collections



What does this Shift Mean for Legacy Collections?

- Where to focus?
 - Deduplicating print and online collections
 - Reducing number of locally-held low-use items
 - MI-SPI
 - Very conservative approach
 - » Extremely low use
 - » Held by two Libraries
 - More than 534,000 items eligible for withdrawal

The Second Shift

From Consumer

to Producer

From Consumer to Producer

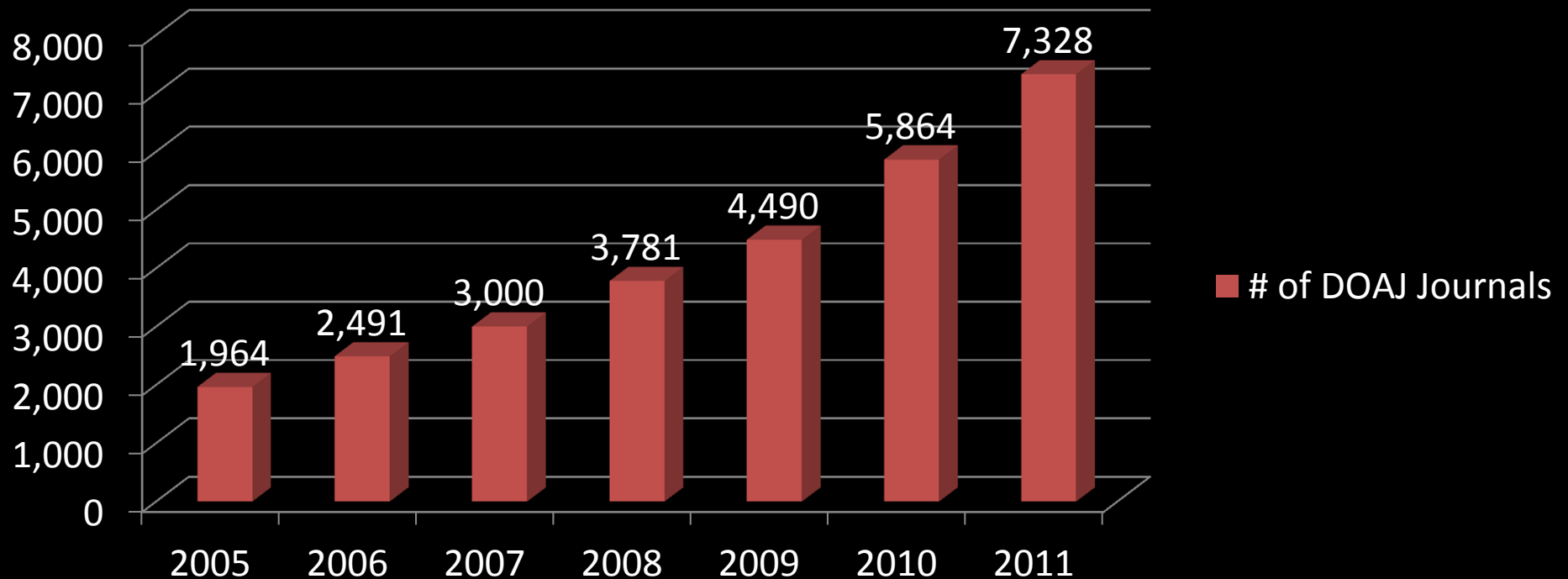
Two ways this is manifesting itself in libraries

1. Open Access Publishing Support Funds
2. Providing support and infrastructure for the production and distribution of scholarly output

The Rise of the Open Access Journal

The Rise of the Open Access Journal

Peer-Reviewed Open Access Journal Growth, 2005-2011



The Rise of the Open Access Journal

- Growth of OA Journals
 - Estimated that by 2025 90% of articles published will be open access
 - New journal publishing models are accelerating this change

The Rise of the Open Access Journal



PLOS one

www.plosone.org

The Rise of the Open Access Journal

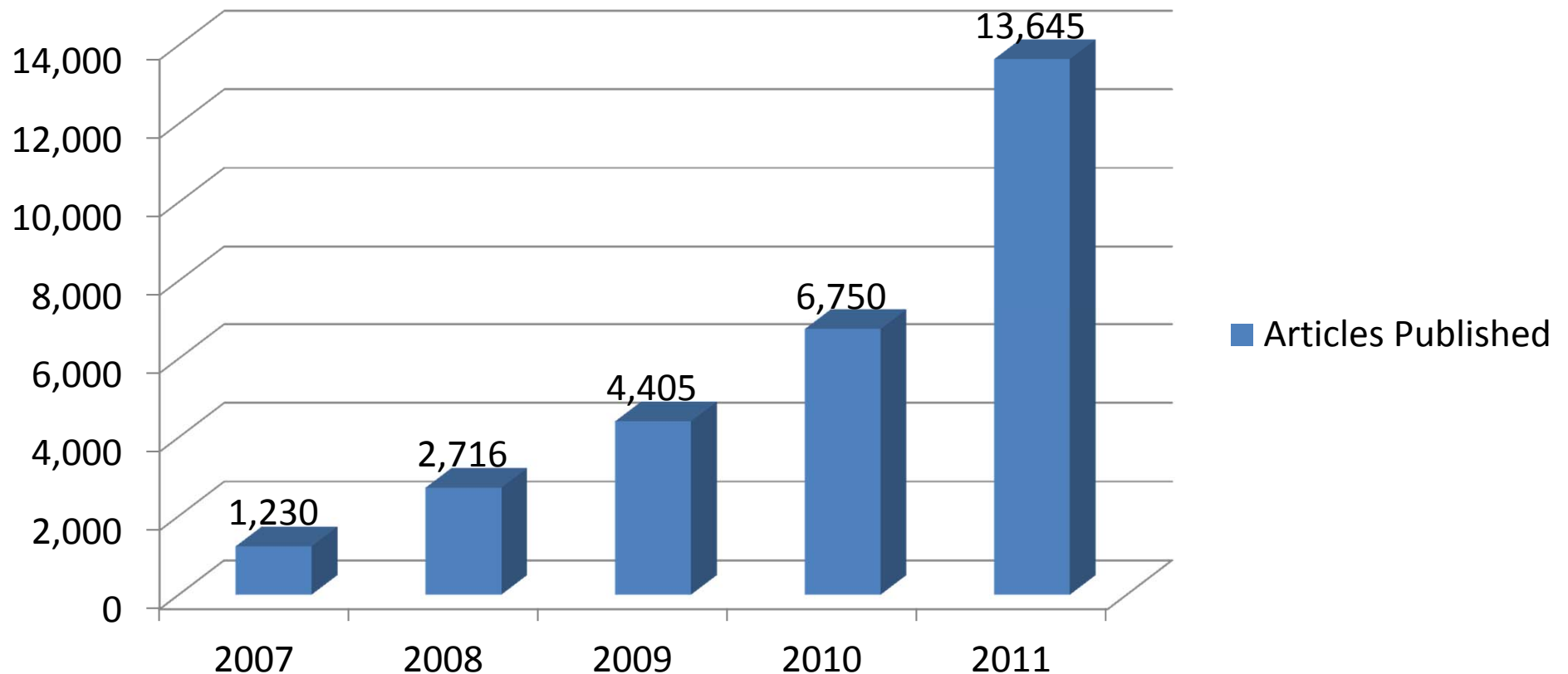
Emergence of Mega Journals

- Rapid Peer Review
 - Subjective Criteria (scientifically rigorous, ethical, properly reported, conclusions supported by data)
 - NOT Objective (How important, etc.)
- Not limited by size
- Open Access (articles pay for own costs)

The Rise of the Open Access Journal

Emergence of Mega Journals

Growth in PLoS ONE Publishing 2007-2011



The Rise of the Open Access Journal

Emergence of Mega Journals



PLOS one
www.plosone.org



**BMJ
open**

SCIENTIFIC
REPORTS



What's the Role for Libraries?

**Open Access
Publishing Support Funds**

Open Access Publishing Support Funds

Pay fees to make articles freely available

UNC Greensboro

Grand Valley State

Harvard

Cornell

Duke

MIT

Michigan



Supporting Production and Distribution of Scholarship

Large Scale

Library-University Press Partnerships

M
Publishing

PENNSTATE

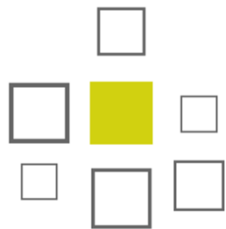


penn state university press

PURDUE
UNIVERSITY
PRESS

Smaller Scale

- Through Institutional Repositories and Open Source Journal Publishing Software



DSPACE



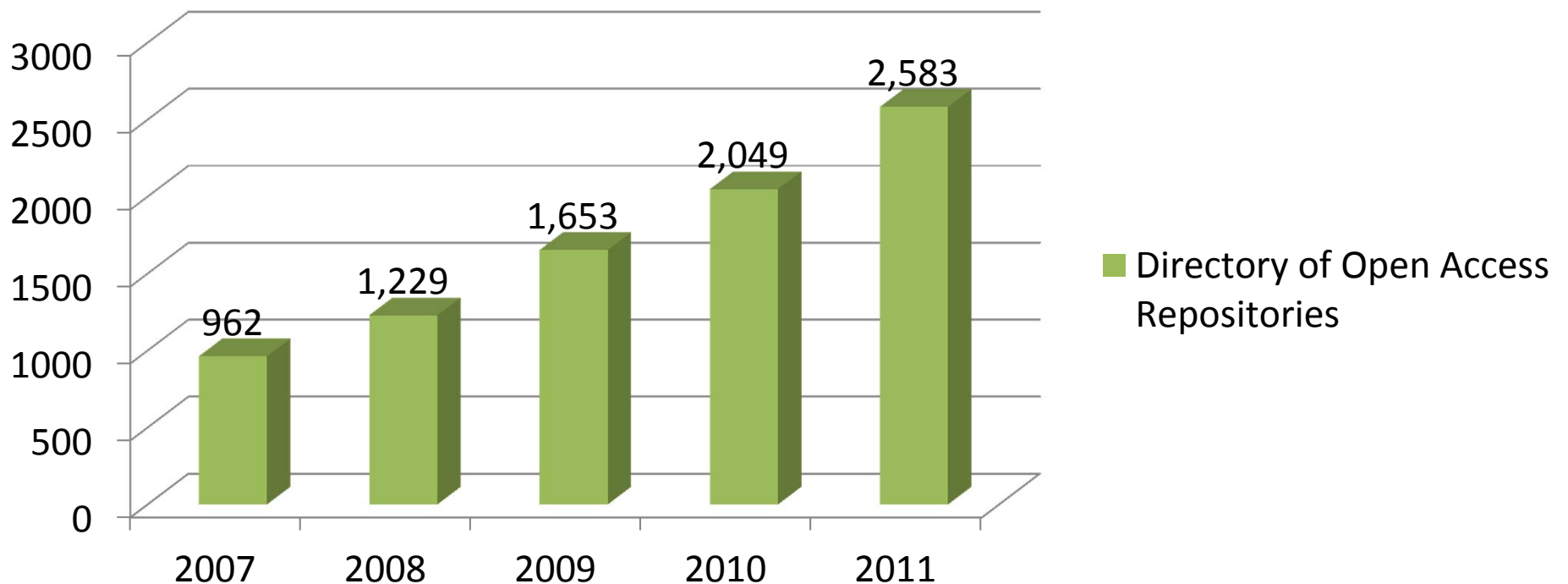
Institutional Repositories

- Institutional Repositories
 - Collect and preserve institutions' scholarly output
 - Make scholarly output available to people around the world
 - Promote scholars and institutions

Institutional Repositories

Consistent Growth

Growth of Open Access Repositories 2007-2011



Institutional Repositories

- The original premise...



Institutional Repositories

What we found were other needs and roles:

Student Research

Student Scholars Day

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[SSD Home](#)

[Welcome](#)

[About SSD](#)

[Office of Undergraduate Research and Scholarship](#)

[Scholarship and Research at Grand Valley](#)

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Student Scholars Day: A GVSU Tradition

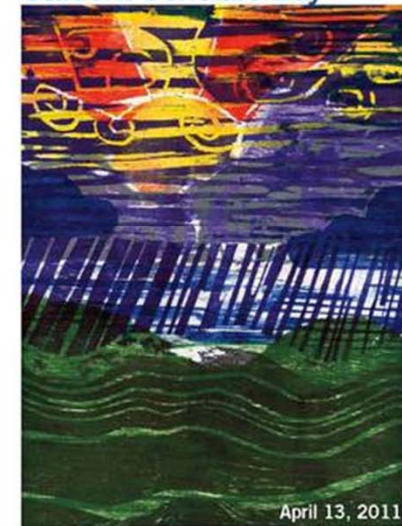
[2011 Student Scholars Day Schedule](#)

Student Scholars Day (SSD) is held once each year to celebrate the scholarship and creative work performed by GVSU students. The day showcases faculty-mentored student work, shared through many venues, including (but not limited to) oral presentations, discussion and panel sessions, fine arts exhibits and performances, and poster presentations.

Student Scholars Day projects may be initiated as part of a course or as independent collaborations with faculty. GVSU encourages all students to consider enhancing their personal and professional development by engaging in scholarly and creative work with faculty, and to share their work with the GVSU community.

The Office of Undergraduate Research and Scholarship is proud to present and host the **16th Annual Student Scholars Day on Wednesday April 13, 2011.**

Student Scholars Day



Layered Swirls, Ewan

April 13, 2011

Campus Conferences



West Michigan
Interprofessional Education Initiative
Creating Teams for Patient Centered Care

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[Home](#) > [Office of the Vice Provost for Health](#) > [Interprofessional Education Initiative](#) > [IPE_CONFERENCE](#)

Interprofessional Education Initiative Conference

Dear Colleagues,

Welcome to the [third annual West Michigan Interprofessional Education Conference!](#)

Grand Valley State University and our partners in education, Grand Rapids Medical Education Partners and Michigan State University College of Human Medicine, are working together to design and implement an innovative model of Interprofessional Education and Practice in our community. The foundation of our model are the Institute of Medicine's core competencies of patient centered care, evidence-based practice, quality improvement, the use of informatics, and interprofessional teams.

Over this past year, 133 community members from 32 health care organizations joined together to serve on 6 champion work groups to improve the education of our students and the care available in our community. Our education and practice partners have been integral to the work of exploring new approaches



Open Education Resources

open.michigan

Recommend 73



search

home find share connect about contact

Open.Michigan is a University of Michigan initiative that enables faculty, students, and others to share their educational resources and research with the global learning community. [Learn more >>](#)

Find

View and download **course materials and educational resources**, including lectures, syllabi, and assignments.



Share

Learn how to create **your own open resources** and share them on the web using our tools and guides.



Connect

Explore **the U-M open community** and its many projects, or learn how our team can support your work.



An Interview with Paul Courant, Dean of Libraries at U-M



(cc) BY

open.blog

Recent Posts

April 19, 2012
Enriching Scholarship: A Weeklong Event
Celebrating Teaching and Learning



April 15, 2012
Remember those surveys?

March 30, 2012

Theses and Dissertations

The screenshot displays the Digital Commons @ Cal Poly website interface. At the top left is the Cal Poly logo. To the right is a navigation menu with links for Home, About, FAQ, and My Account. Below the logo is the Digital Commons @ Cal Poly branding. The main content area features a breadcrumb trail: Home > Master's Theses and Graduate Research > Master's Theses. The central heading is "MASTER'S THESES AND PROJECT REPORTS". A paragraph explains the submission requirements starting from November 1, 2008, and provides a link to the Kennedy Library catalog for older theses. A "Jump to:" dropdown menu is set to "2012". Below this, three thesis entries are listed with their titles and authors. On the right side, there is a search bar with a "Search" button, a "in this series" dropdown, and a link to "Advanced Search". Further down are options for "Notify me via email or RSS", a "Links" section with a link to "General Instructions for Master's Theses/Project Reports", a "Browse" section with links for "Collections" and "Authors", and an "Author Corner" section with links for "Author FAQ", "Policies", and "Submit Research".

CAL POLY

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Digital Commons @ Cal Poly

LIBRARY SERVICES
ROBERT E. KENNEDY LIBRARY

Home > [Master's Theses and Graduate Research](#) > [Master's Theses](#)

MASTER'S THESES AND PROJECT REPORTS

Since November 1, 2008, students submitting Master's theses and project reports are required to submit their work in electronic format to DigitalCommons@CalPoly. Prior to November 1, 2008, deposit of printed copies of master's theses was required. To locate a thesis written before November 1, 2008, please search the [Kennedy Library catalog](#) using the terms "Cal Poly master's thesis."

Jump to:
2012

Theses/Project Reports from 2012

[VITAMIN D SUB-SET ANALYSIS FROM THE FLASH STUDY](#), Megan Bishop, Laura Hall, Ann McDermott, and Aydin Nazmi

[Nonlinear UAV Flight Control Using Command Filtered Backstepping](#), Brian M. Borra

[Performance Based Analysis of a Steel Braced Frame Building With Buckling Restrained Braces](#), Margaux Claire Burkholder

Enter search terms:
 Search

in this series

[Advanced Search](#)

Notify me via email or RSS

Links

[General Instructions for Master's Theses/Project Reports](#)

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Open Data



What is PURR?

The Purdue University Research Repository (PURR) provides an online, collaborative working space and data-sharing platform to support the data management needs of Purdue researchers and their collaborators.

Learn More



In the News: The National Science Foundation now requires all proposals to submit a Data Management Plan [Read More >](#)

Start Your Research Project



Read the DMP Requirements

Read the detailed requirements for your data management plan. The requirements are very specific and should help to clear up any confusion regarding your own data management plan. [Get Started >](#)



Create a Group for Your Project

Groups are an easy way to share content and conversation, either privately or with the world. Create your new project group as a collaborative environment for sharing information and as a portal for your project team. [Get Started >](#)



Upload Research Data to Your Project

Become a contributor and share your work with your team and the community! Contributing content is easy. Our step-by-step forms will guide you through the process. [Get Started >](#)

Do you have a question?

Ask a Librarian

Your Question/Message

You will be prompted and required to enter an email address before your chat session begins.

Send

Chat Available

Journal Publishing



The screenshot displays the homepage of the Language Arts Journal of Michigan. At the top, a banner features a photograph of the Mackinac Island Bridge at dusk, with the title "Language Arts Journal of Michigan" overlaid in white text. To the right of the banner is the logo for the Michigan Council of Teachers of English (MCTE), which includes a map of Michigan and the text "MCTE Michigan Council of Teachers of English". Below the banner is a yellow navigation bar with links for "My Account", "FAQ", "About", and "Home". The main content area on the left includes a breadcrumb trail "Home > LAJM" and a welcome message: "Welcome to the Language Arts Journal of Michigan website. The Language Arts Journal of Michigan is a peer-reviewed journal published by the Michigan Council of Teachers of English as a service to educators interested in literacy and the English language arts at all instructional levels. LAJM is published bi-annually. Its contents do not necessarily reflect the views of the Council or its members." Below this is a "How to use this site" section. On the right side of the main content area, there is a featured article titled "The Language Arts Journal of Michigan" with the subtitle "Past, Present, Future: Where Have We Been and Where Are We Going?" and a small image of four different door styles. At the bottom right, there is a search section with a "Select an issue:" dropdown menu set to "All Issues" and a "Browse" button, and a search input field labeled "Enter search terms:".

[Home](#) > [LAJM](#)

Welcome to the *Language Arts Journal of Michigan* website. The *Language Arts Journal of Michigan* is a peer-reviewed journal published by the Michigan Council of Teachers of English as a service to educators interested in literacy and the English language arts at all instructional levels. LAJM is published bi-annually. Its contents do not necessarily reflect the views of the Council or its members.

How to use this site: Authors may use the menu on the right to find information and links for submitting work. Reviewers will also find information about accessing and reviewing manuscripts in the menu to the right. Visitors may browse full text articles that have been in publication for 18 months or more as well as a featured article from the most current issues. Subscribers may view the full collection of LAJM content with their log in.

The Language Arts Journal of Michigan
Past, Present, Future: Where Have We Been and Where Are We Going?

Select an issue:
All Issues

Enter search terms:

Libraries at a Crossroad

We can continue on the same path



or we can chart a new course

Charting our Course



Charting our Course

We need to take advantage of technology to radically change our buildings and staff

- **Free up space for users**
- **Transition staff away from \$50 decisions**
- **Move toward more efficient collections practices**
- **Partner with our campuses to make research freely available**

Thank You

wayd@gvsu.edu

http://works.bepress.com/doug_way/