Transforming Libraries

Harriette Hemmasi
Joukowsky Family University Librarian
Brown University
Providence, Rhode Island, USA

Brown University Library

BROWN
WASHINGTON
MONTANA
NORTH DAKOTA
MINNESOTA
SOUTH DAKOTA
OREGON
IDAHO
WYOMING
NEBRASKA
IOWA
NEVADA
UTAH
COLORADO
KANSAS
MISSOURI
United States
San Francisco
CALIFORNIA
Las Vegas
Los Angeles
ARIZONA
NEW MEXICO
San Diego
OKLAHOMA
Dallas
TEXAS
Houston
LOUISIANA
ARKANSAS
MISSISSIPPI
ALABAMA
GEORGIA
FLORIDA
KENTUCKY
TENNESSEE
VIRGINIA
WEST VIRGINIA
NORTH CAROLINA
SOUTH CAROLINA
OHIO
PENN
MD
DE
NJ
Philadelphia
Ottawa
Montreal
Toronto
MAINE
VT
NB
PE
NOVA SCOTIA
CT
RI
Gulf of California
Gulf of Mexico
Mexico
Mexico City
Cuba
Dominican Republic
Puerto Rico
Guatemala
Honduras
Nicaragua
Caribbean Sea
Caracas
Google

BROWN

BROWN
2016

library.brown.edu

Brown University Libraries

John D. Rockefeller, Jr. Library

Sciences Library

John Hay Library

Annmary Brown Memorial

The Cyril and Harriet Mazansky British Sword Collection

Virginia Baldwin Orwig Music Library

Champlin Memorial Medical Library

Library Collections Annex

(located 4 miles from campus)

BROWN UNIVERSITY LIBRARY

Off-Campus Access | Library A-Z

Search: Enter keywords to search library resources — Search

Want to test a new library home page?

Classic JOSIAH (catalog) | WorldCat

QUICK LINKS:

- Borrowing
- Databases
- eJournals
- Reserves
- Collections
- DVDs / Newspapers
- Workshops & Tutorials
- Center for Digital Scholarship
- Brown Digital Repository
- Medical Connections
- Giving / Alumni
- About the Library

HOURS & LOCATIONS:

More Locations >

Rockefeller Library: 8:30am–9:00pm

Friedman Study Center: 8:30am–9:00pm

EXHIBITS:

More >

Works from Contemporary Architecture

GET HELP:

Chat Now or Text, Email, Phone, In Person

Not sure where to start?

- Guide to Research
- Your Subject Librarian

Pick a Research Guide:

EVENTS & ANNOUNCEMENTS:

More >

JHL Conservation Bulletin | June 2016

A quarterly installment highlighting Library Conservation in the Brown University community, conservation news around the internet, and ways for you to connect with conservation. Book and paper conservation at Brown... more »

Alumni Reunion Forum | The Vietnam War: Our Veterans' Stories

Please join the Library for an Alumni Reunion Forum on Saturday, May 28 from 3 - 4:30 p.m. in the Willis Reading Room at the John Hay Library. Professor Bath Taylor, Co-Director of... more »

library.brown.edu

Brown University Library

Library Functions

April 2015

Provost

University Librarian

Access Services & Collection Management

- Acquisitions & e-resources
- Cataloging & metadata services
- Circulation & resource sharing
- Conservation
- Friedman Study Center
- Preservation, binding & storage (includes Annex and Bookstacks)

Research & Outreach Services

- Collection development
- Digital resources curation
- Instructional design
- Reference & research assistance
- Scholarly communication
- Scholarly outreach

Special Collections

- Collection development
- Instructional & public outreach
- Reference & reader services
- Scholarly research
- University archives & manuscripts

Digital Technologies

- Brown Digital Repository
- Data visualization
- Digital scholarship & production services
- Hardware & software support
- Imaging & metadata services
- Web applications & user interfaces
- Digital preservation

OUL & Administrative Functions

- Communications and public programs
- Library facilities & building safety (includes Mailroom)
- Library finances & business services (includes Purchasing)
- Library human resources & professional development
- Library planning & assessment

University Curator

Brown University Library

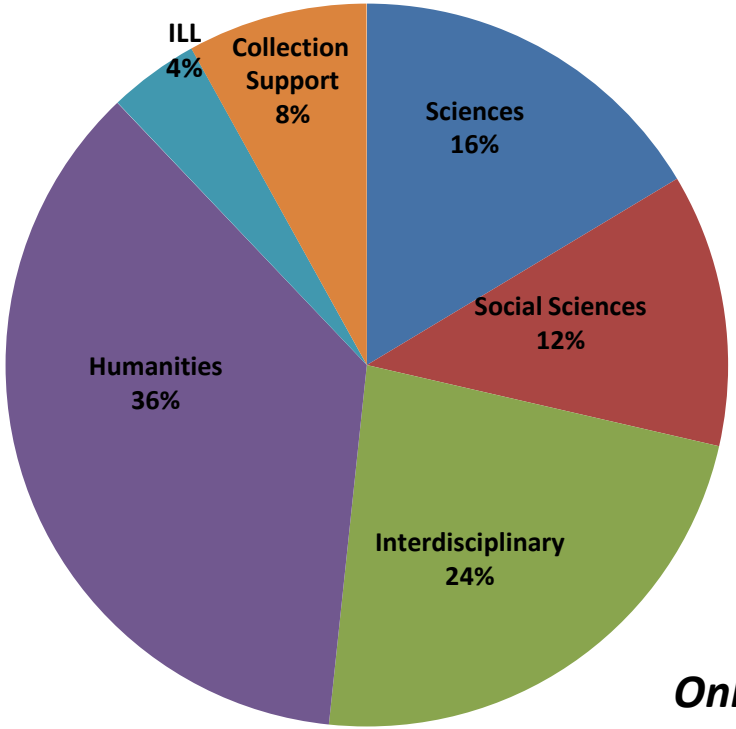
Snapshot

Total Budget	**$24.2M**
Collections budget	**$11.3M**
Journal Costs	**$ 8.1M**
Collection size	**5.3M volumes**
Journals	**66K titles**
Print subscriptions	**2K titles**
Gate Counts	**1M+ visits per year**
Items checked out	**218K + 35K reserves**
ILL from other libraries	**36K**
Articles downloaded	**1.7M**
Reference questions	**10K**
Classes taught	**280 (6K participants)**
Annex storage	**2M volumes equivalents (capacity)**
Total Staff	**131 (+ 29 FTE students)**
Space	**7 buildings; 450K assignable square feet**
Hours open	**112 hours of staffed services + 24/5 @ Friedman**

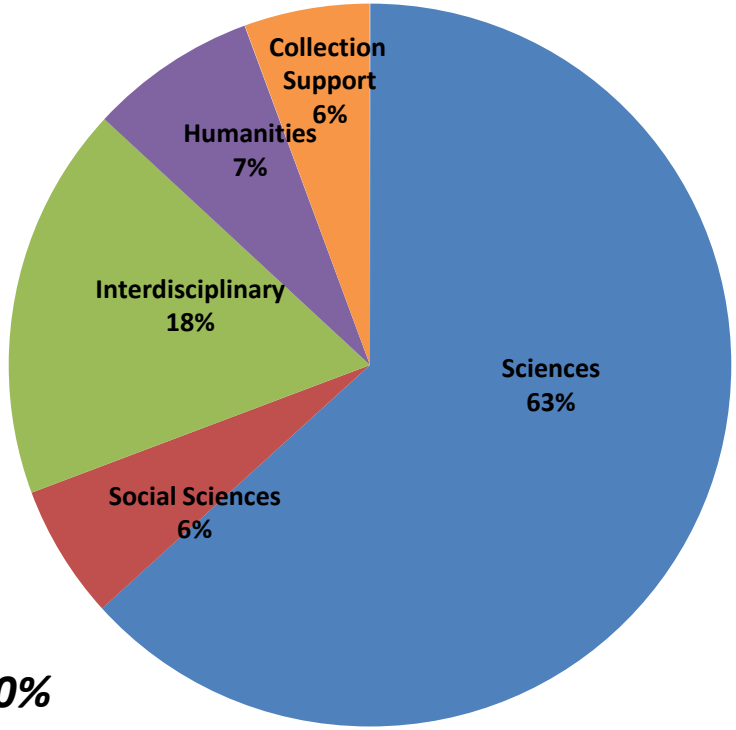
FY 2015 data

UNIVERSITY LIBRARY COLLECTION EXPENDITURES FY 2015

Books



Serials



Online = 70%

$3,235,352
(28.6%)

Total
$11,295,352

$8,060,000
(71.4%)

Timeless mission…

Serve the instructional and research needs of the University community in spaces conducive to learning and creating knowledge. Provide access to scholarly information and preserve materials of historical significance.

Brown University Library

OCLC
The world's libraries.
Connected.

borrowdirect

Google
books

PubMed

INTERNET
ARCHIVE

OPEN
ACCESS

Before…

After…

Brown Digital Repository
Access and Preservation

Classic Josiah Brown University Library Catalog

Library Home | Hours & Locations | Off-Campus Access
My Library Account | Josiah Help | Ask A Librarian

Start Over | Request This | Save | Coded Display | Return to Browse | Limit This Search
Search RISD | Add to RefWorks | Another Search

(Search Library)

TITLE | Entire Collection | System Sorted

Limit to available.

Search

Record 1 of 2
PREVIOUS NEXT

Author International Conference on Parallel Computing Technologies (5th : 1999 : Saint Petersburg, Russia)

Title **Parallel computing technologies : 5th International Conference, PaCT-99, St. Petersburg, Russia, September 6-10, 1999 : proceedings / Victor Malyshkin (ed.)**

Published New York : Springer-Verlag, 1999

Descript'n xix, 510 p. ; 24 cm.

Partial preview on Google Books

PermaLink to this record

Click on the following:

View online version; access limited to Brown University users

LOCATE THIS (click below)	CALL # (click for similar works)	STATUS	
ANNEX	QA76.58 .I547 1999	AVAILABLE	Request Scan | Item

Western Regional Storage Trust

ReCAP
THE RESEARCH COLLECTIONS AND PRESERVATION CONSORTIUM

FIVE COLLEGE
CONSORTIUM

Anna Aray
Slavic Studies Librarian

Shared by
Brown & Yale

BROWN

Yale University

Libraries in Transition

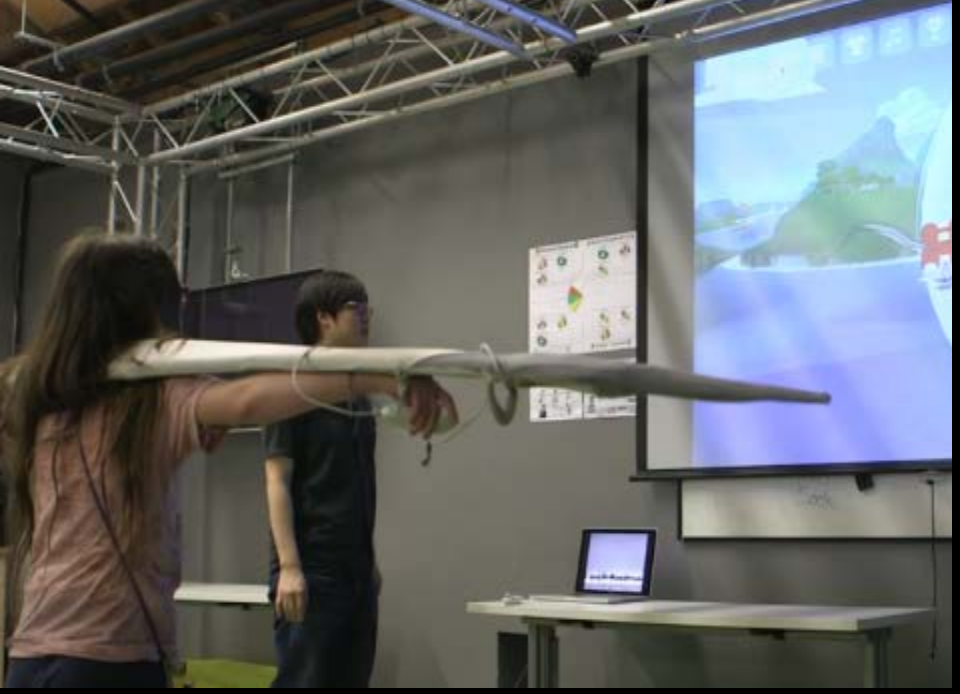
CHANGING *HOW, WHEN, & WHERE*…

- Select
- Collect
- House
- Organize
- Disseminate
- Preserve
- Serve
- Instruct
- Inspire
- Staff
- Place
- Plan

Libraries in Transition

MAJOR CHALLENGES

- Spiraling costs
- New forms of publication, dissemination
- Physical & digital library
- Ownership; copyright; licensing
- Security; privacy
- Universal, open access
- Global standards, policies
- New methods of teaching, learning, research



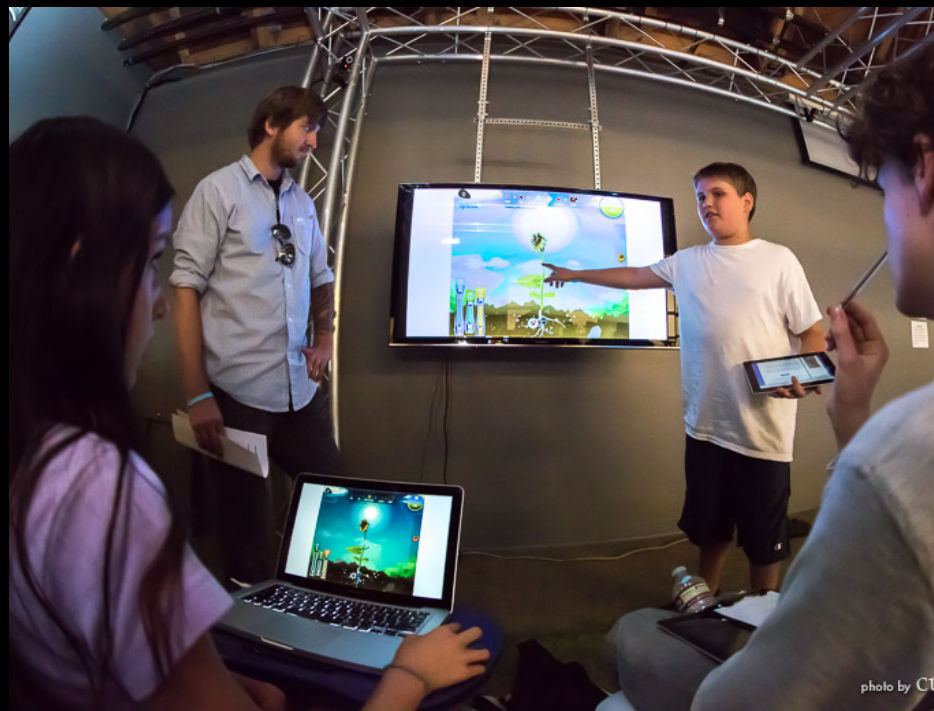
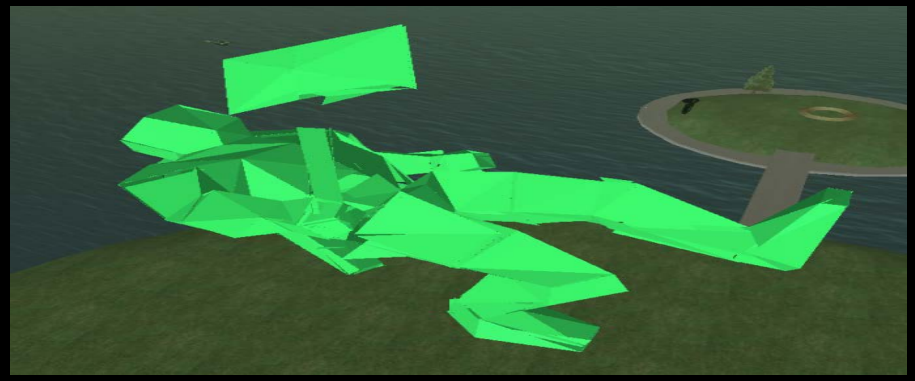
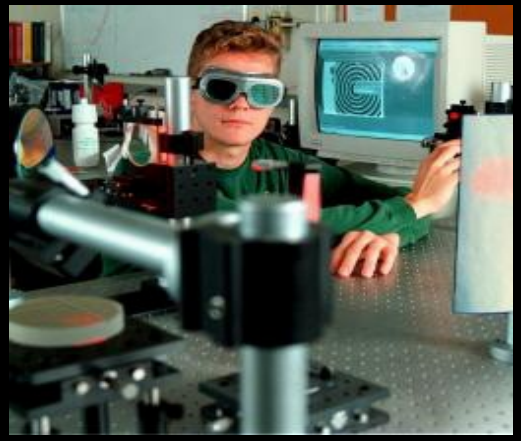


photo by

Oculus

Mischi



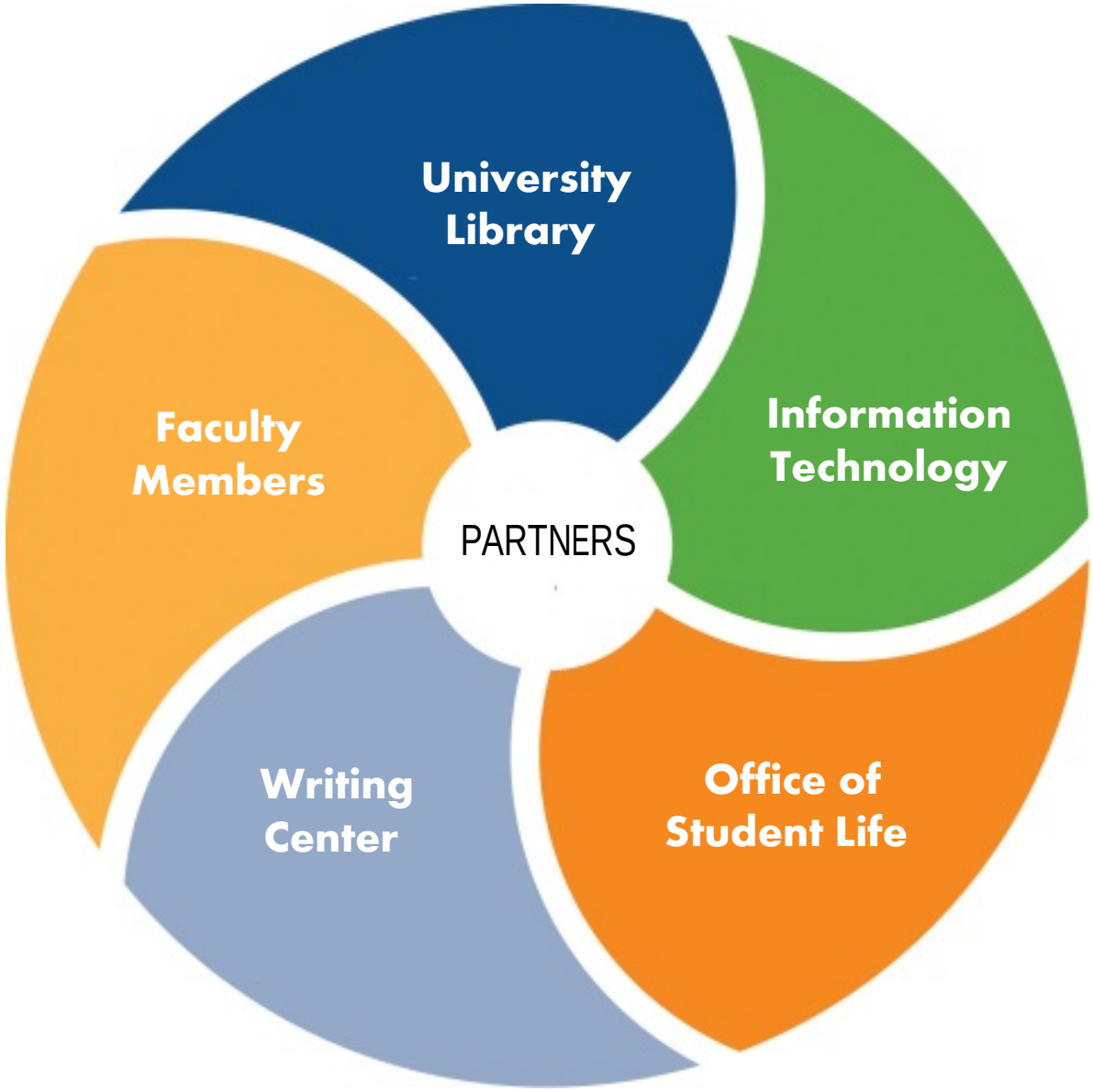


Our children will learn less,
but achieve more
-Marcel Bullinga

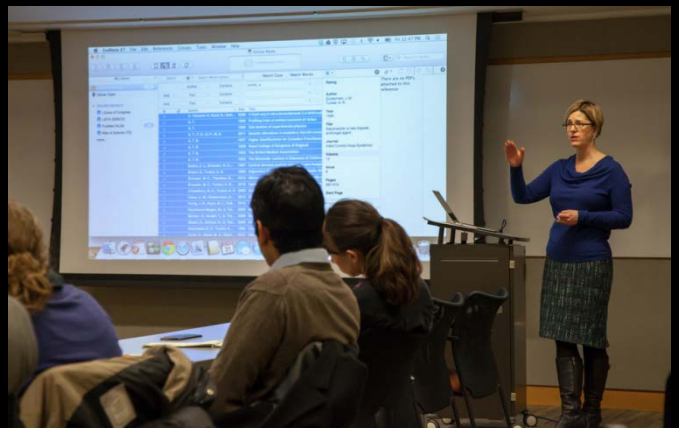
Preparing Students for Academic Success

Partnership with others across campus

- Find, select, evaluate
- Think critically
- Communicate clearly
- Cite appropriately
- Manage data & time
- Provide “Personal Librarians”


University Library
Information Technology
Office of Student Life
Writing Center
Faculty Members
PARTNERS

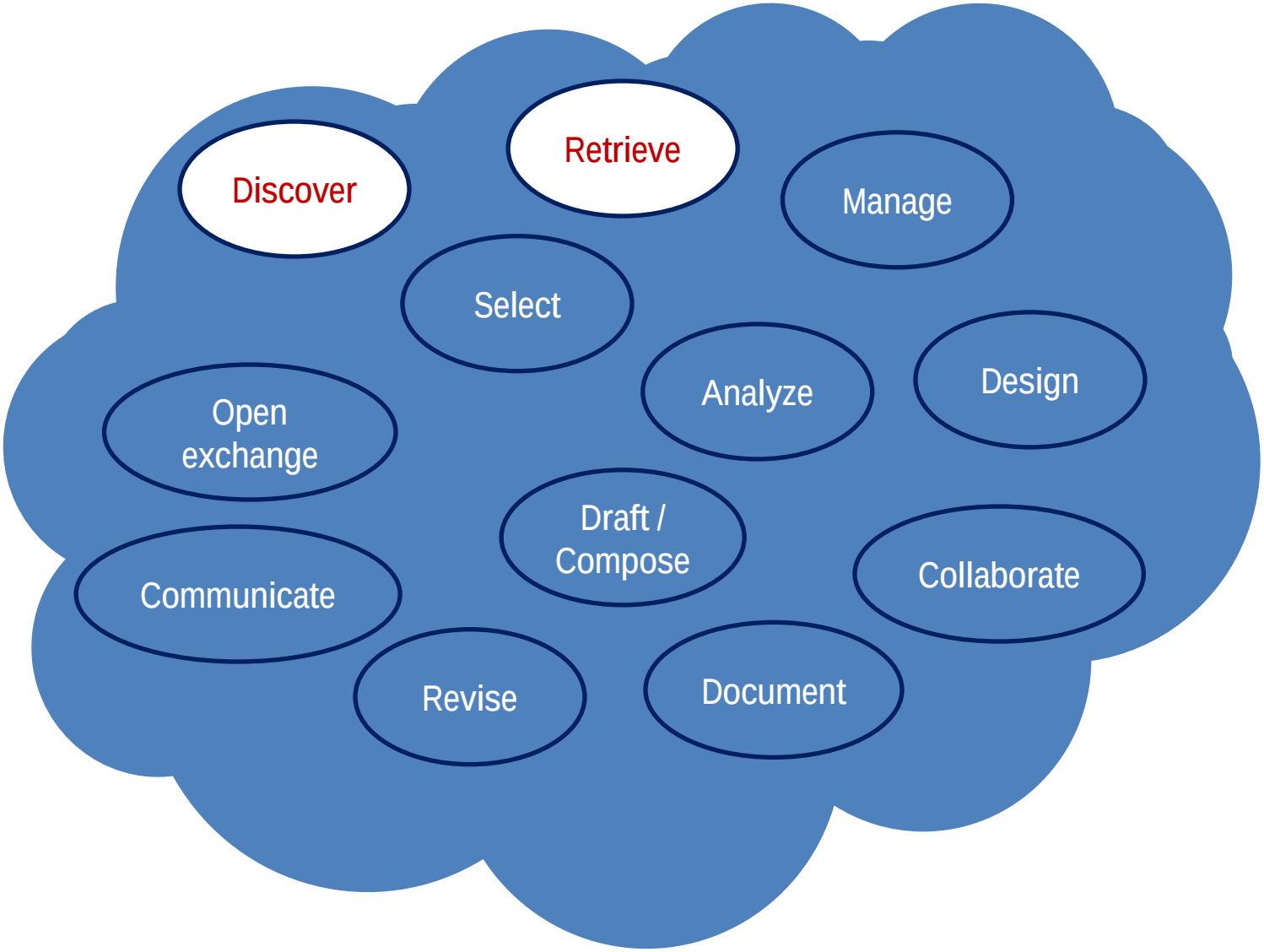
CHEER
YOU UP



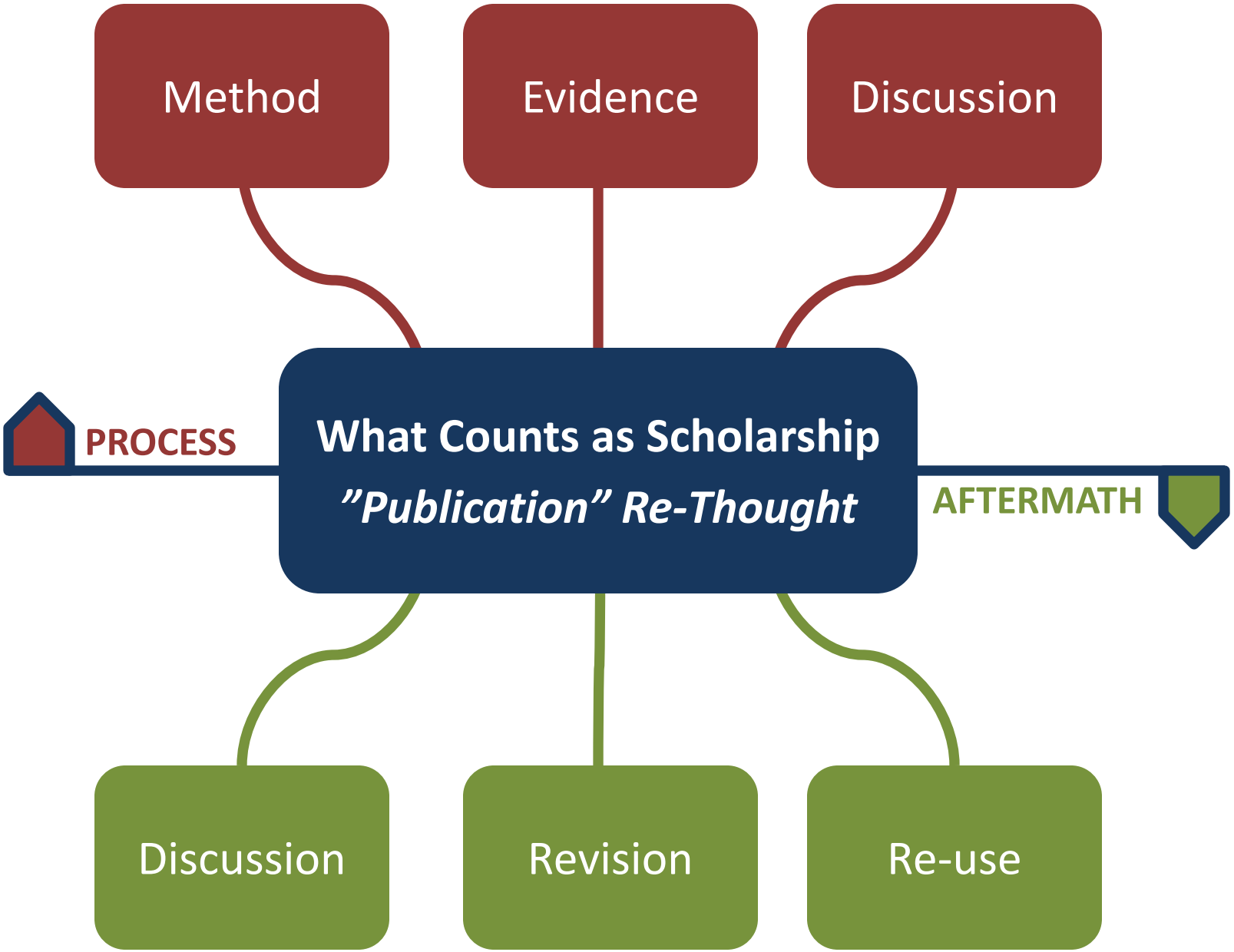
Transfer of Knowledge

- Integrate
- Manipulate
- Annotate
- Organize
- Describe
- Disseminate
- Analyze
- Use, re-use
- Produce, re-produce
- Create new knowledge…

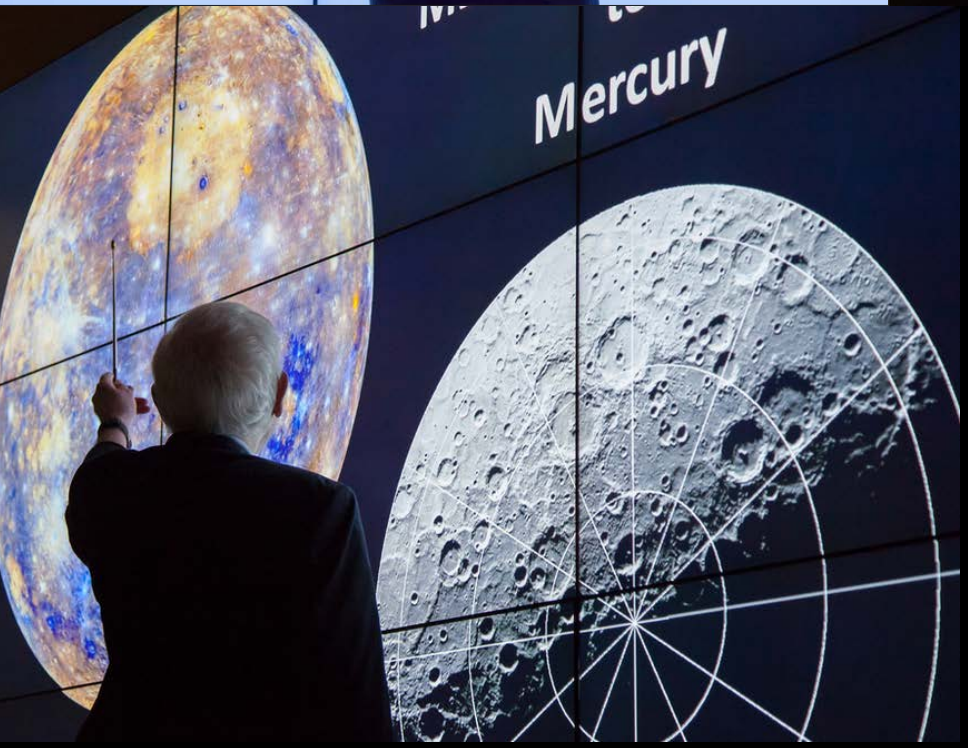
Limited Engagement with Research



Expanding Engagement with Research

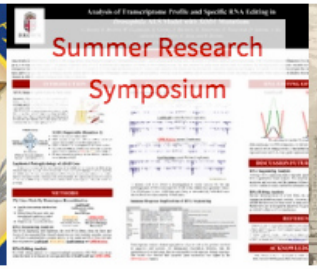


Adapted from: Lavoir, et al., *The Evolving Scholarly Record* (OCLC Research, 2014)


Mercury

Brown Digital Repository

Featured collections…



Discover…

Uploaded Content
Content added by scholars through self-service upload

Theses & Dissertations
Brown University dissertations since 2008

Deposited Collections
Scholar-created research collections, research data, posters, proceedings, and more.

Library Collections
Digital versions of materials held in the library's collections.

I want to…

Upload something
Uploaded items can be kept private, shared at Brown, or shared with the public.

Digitize something
Digital Production Services can assist with digitization of materials in support of scholarship, research, and teaching.

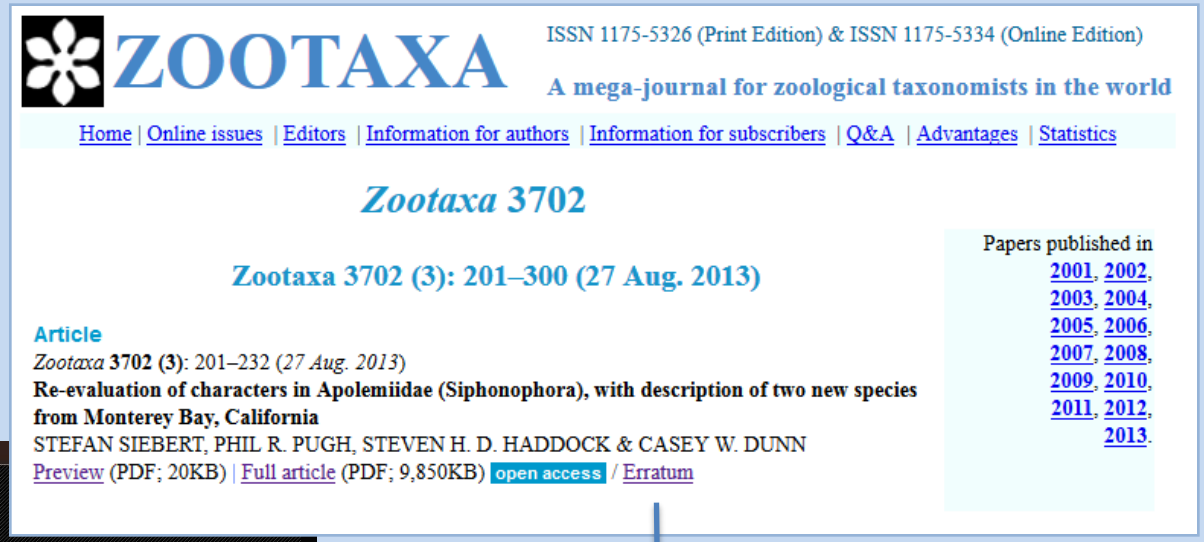
Use an API
The BDR offers a complete set of Application Programming Interfaces (APIs) for using content in your own applications.

Assign a DOI
Digital Object Identifiers (DOIs) help publishers and scholars cite content stored in the BDR.

Consult on a project
The Center for Digital Scholarship works with scholars on digital projects across disciplines.

Read FAQ
Frequently Asked Questions may already answer your BDR-related question.

Citing Research Outputs



(Digital Object Identifier)

http://dx.doi.org/10.7301/Z0WD3XH9

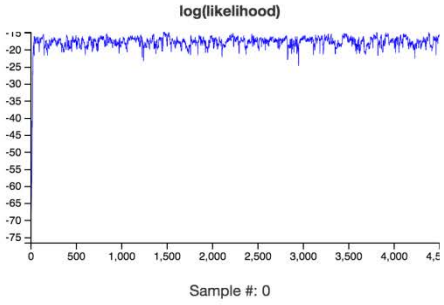
Enhancing Scholarly Communication

Howison et al. (2014) Genome Assembly by Bayesian Inference (GABI): Sample Report for PhiX174. https://repository.library.brown.edu/viewers/archive/bdr:351764/content/gabi-report/run1.html

GABI Run 1

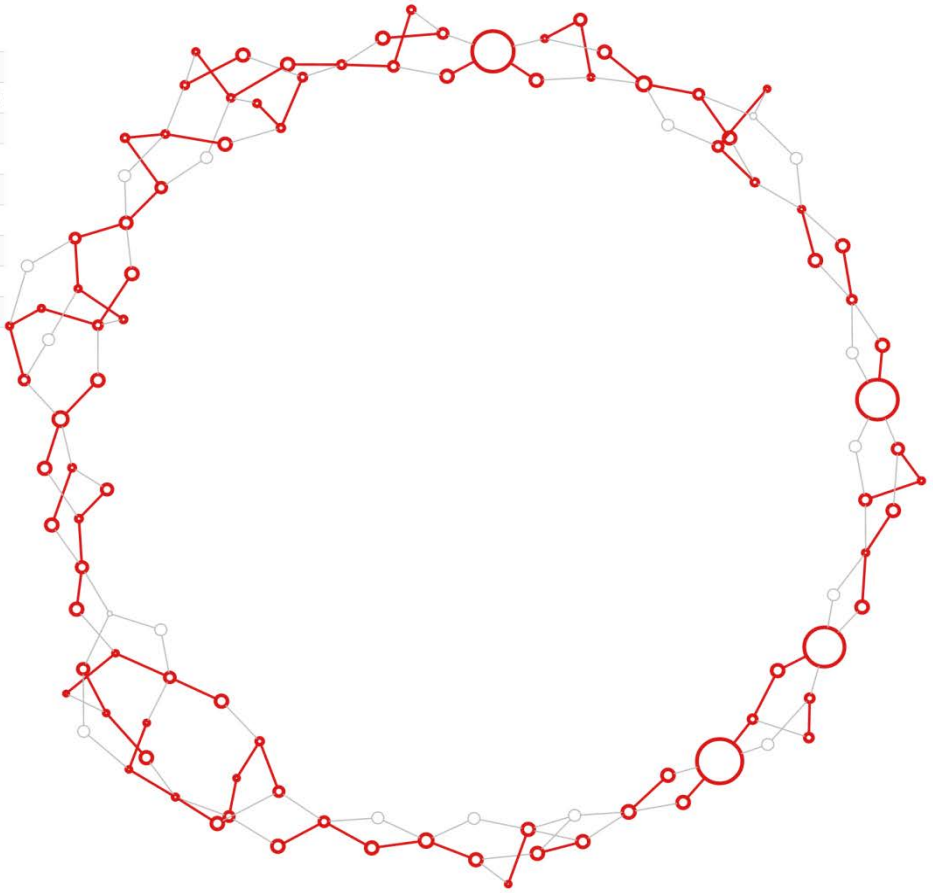
Catalog ID	phix
Timestamp	2014-05-09T13:04:07.916436
Expected # Contigs	1
Expected Genome Size	5,386 bp
# Samples	20,001
# Accepted	4,501 (22.5%)
Total Sample Time	25,514.9 sec
Min. Sample Time	0.0 sec
Max. Sample Time	8.0 sec
Mean Sample Time	1.3 sec

Trace Animation



Sample #: 0

Mouse over the plot to see the assembly of a particular sample.



Brown Library: Center for Digital Scholarship

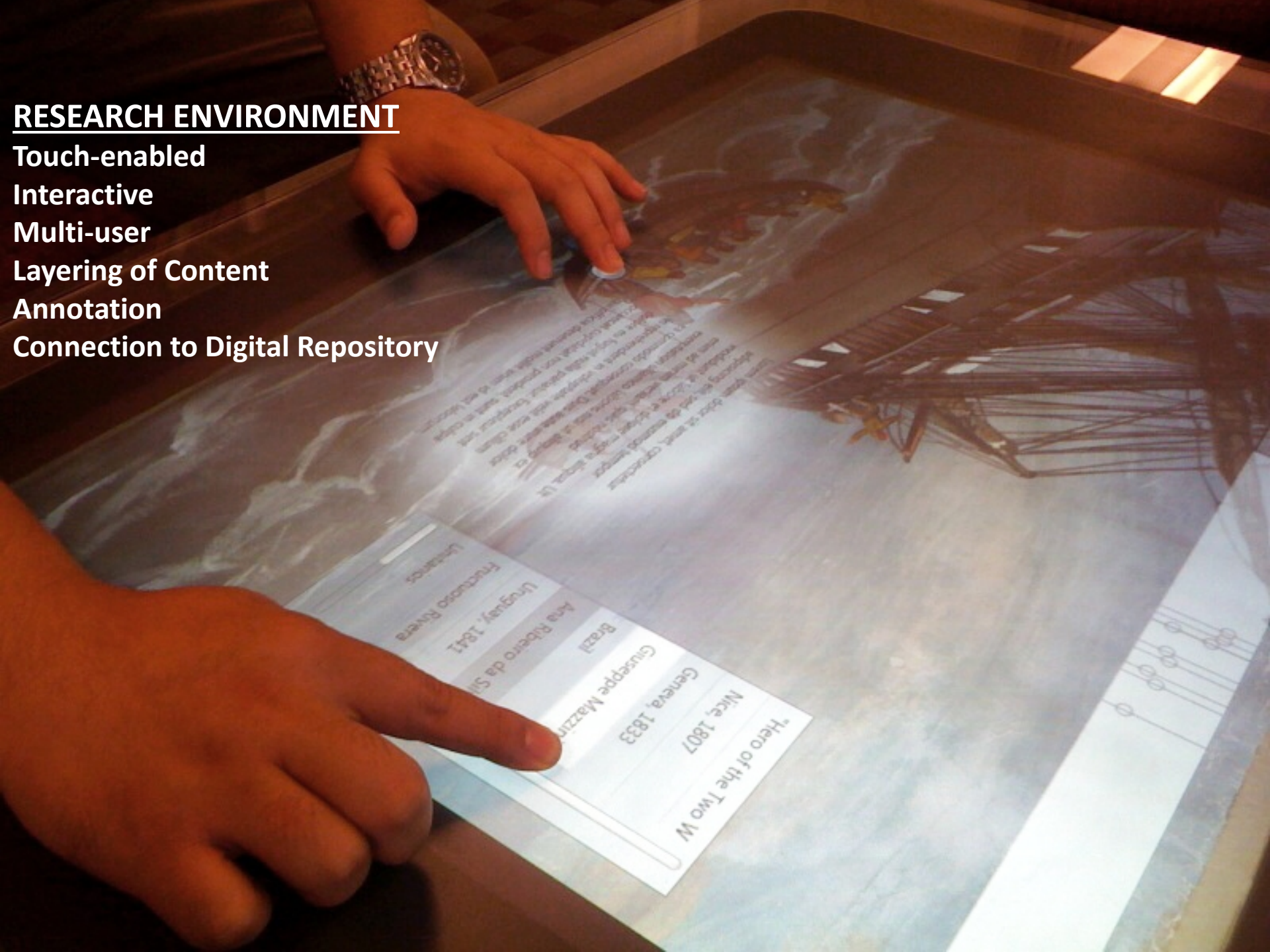
Get help with a data management plan **Data Curation**	Interact with a large-scale, high resolution display **Visualization**	Visualize data **Visualization**
Perform Spatial Analysis, make maps **Spatial Analysis**	Describe your data **Metadata Creation**	Start a Digital Humanities Project **Digital Humanities**
Use the Brown Digital Repository **Data Curation**	Write a grant proposal for a digital project **Consultation**	Digitize objects for research and publication **Digitization**
Learn new skills or teach them to your class **Workshops**	Conferences and Lectures **Conferences**	Learn about Digital Scholarship **Research**

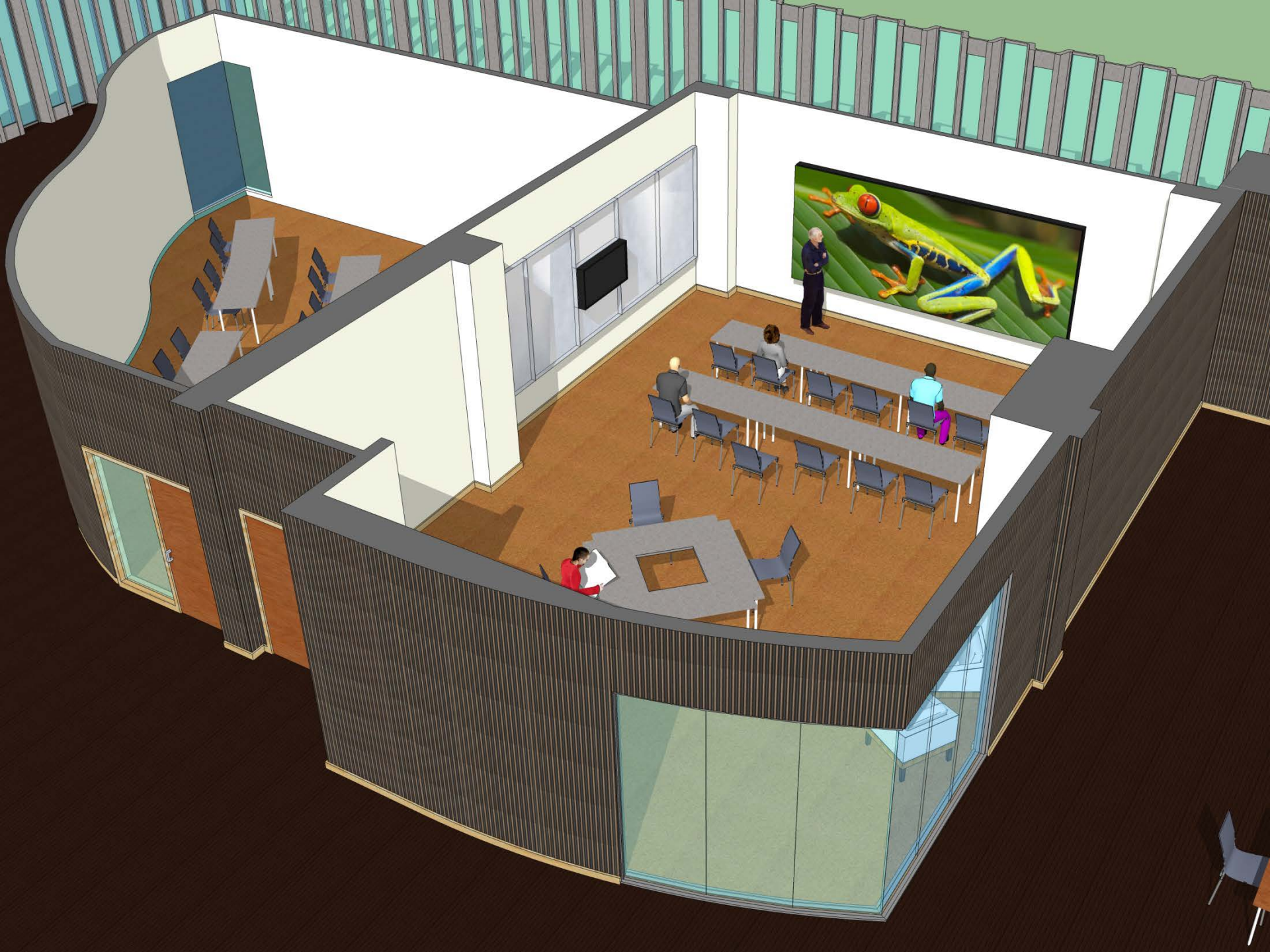
Digital Scholarly Editor | **Digital Publication Designer**

Publication

CENTER FOR DIGITAL SCHOLARSHIP STAFF

iMac


RESEARCH ENVIRONMENT
Touch-enabled
Interactive
Multi-user
Layering of Content
Annotation
Connection to Digital Repository



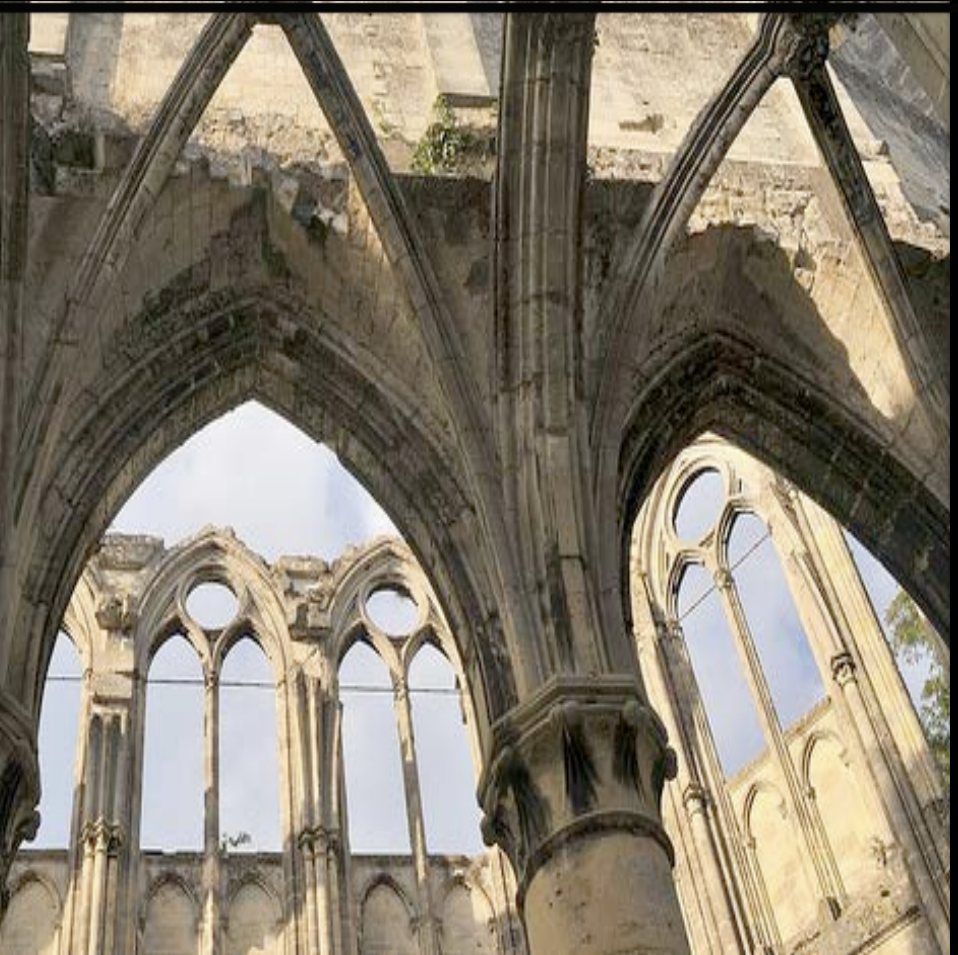
BROWN
Patrick Ma
Digital Scholarship Lab
Glutamate Receptor
Inactive
Active
S-NITROSYLATED
NMDA Receptor
Postsynaptic Neuron

STOP

159
Makerspace

Ourscamp

Notre Dame
(Cistercian)



e of construction
me d'Ourscamp

Digital scholarship
Beyond the techniques of interacting with digital materials, the digital scholarship initiative will develop strategies and procedures for dissemination and preservation services and new systems for peer review and scholarly validation of digital scholarship, particularly for the humanities.

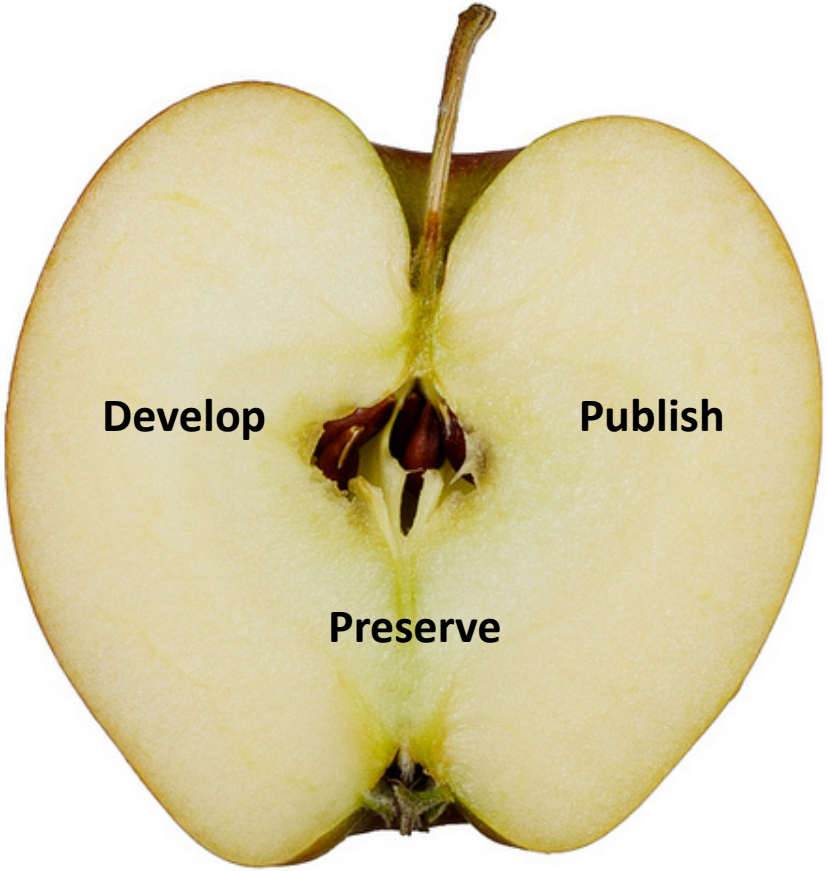
Mellon grant to fund digital scholarship initiative

January 12, 2015 Contact: Courtney Coelho 401-863-7287

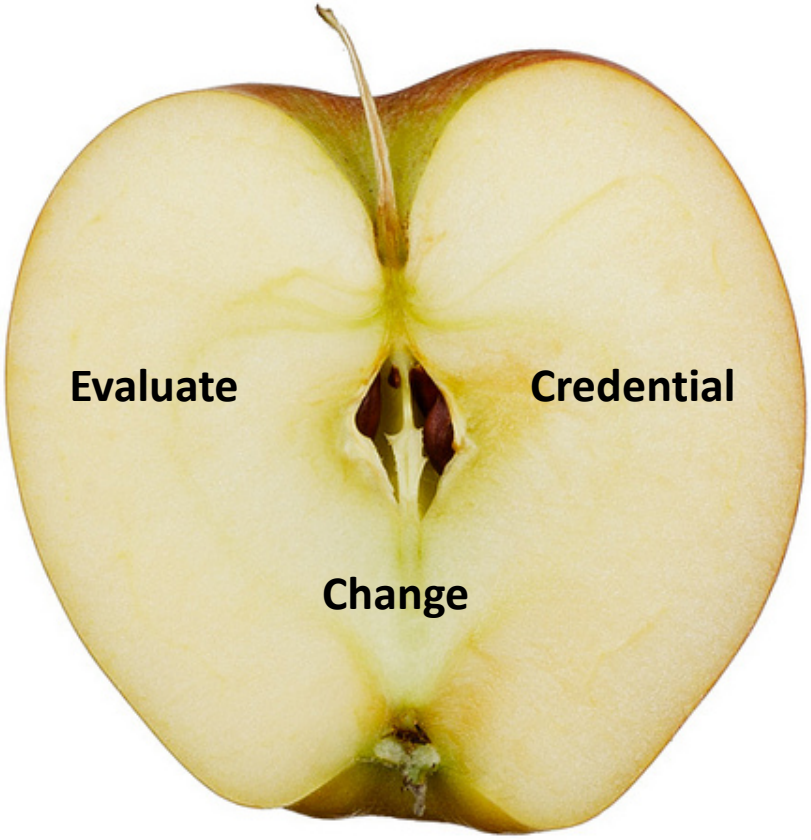
An initiative for digital scholarship — an important element in the University's strategic plan, *Building on Distinction* — has received a $1.3-million grant from the Andrew W. Mellon Foundation.

PROVIDENCE, R.I. [Brown University] — Brown will launch its new digital scholarship initiative with a $1.3-million grant from the Andrew W. Mellon Foundation. The initiative, to be administered jointly by the University Library and the Office of the Dean of the Faculty, will support the development, publication, and preservation of digital publications, with an emphasis on long-form digital publications by Brown faculty in the humanities and humanistic social sciences.

BROWN'S INTERCONNECTED GOALS

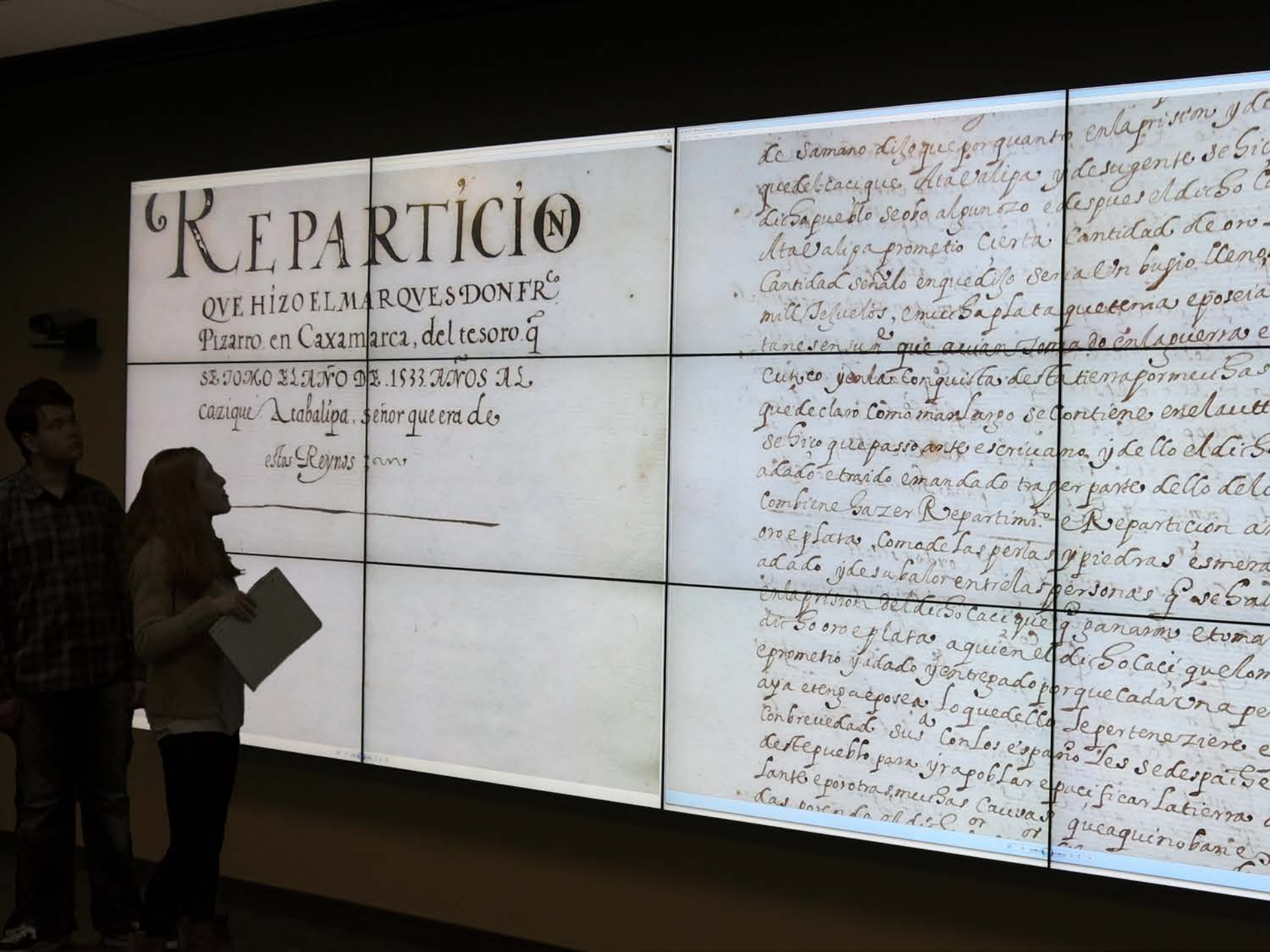


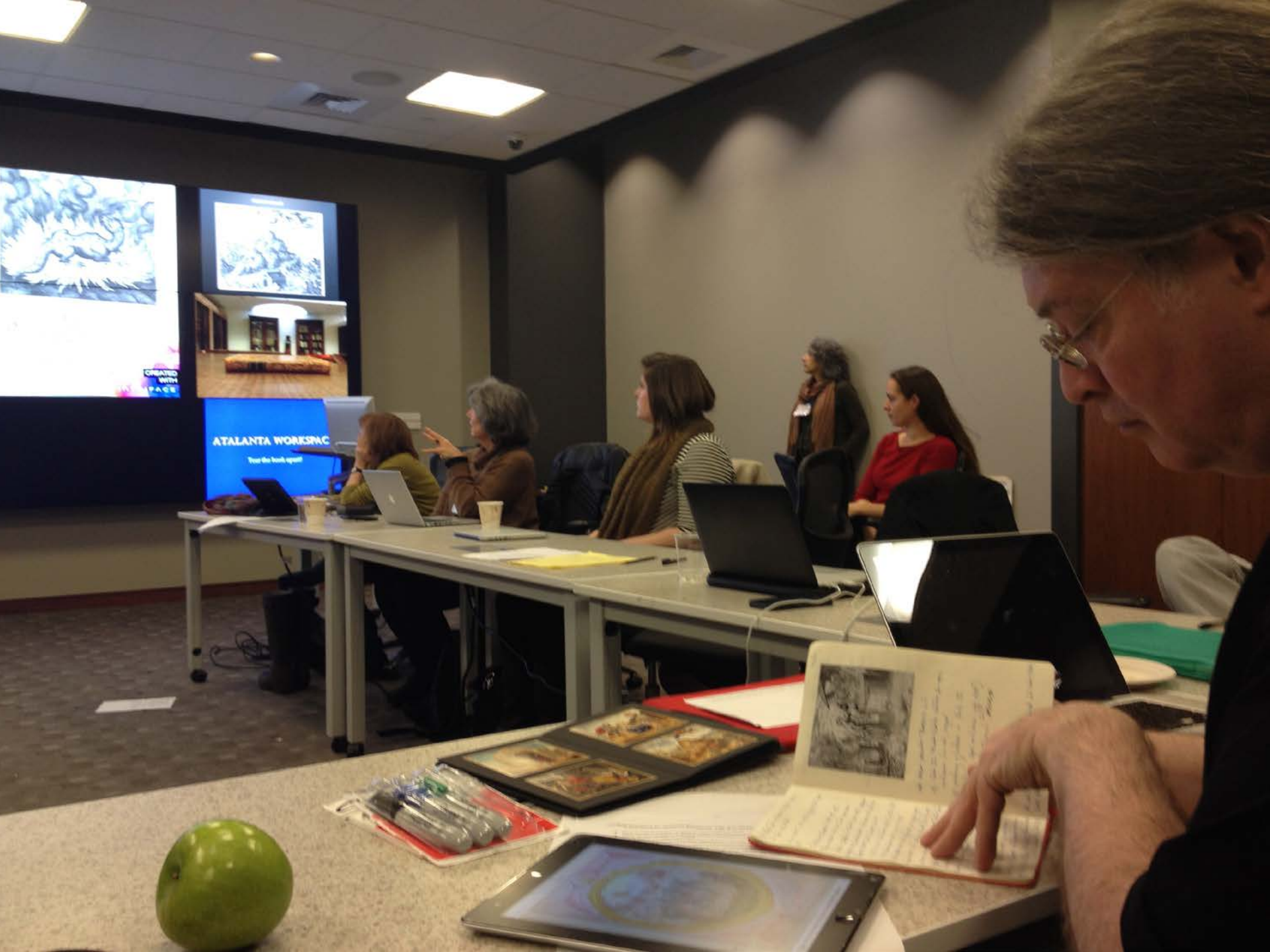
LIBRARY



UNIVERSITY

READ, WRITE AND THINK IN A DIGITAL AGE


REPARTICIÓN
QVE HIZO EL MARQVES DON FRco
Pizarro en Caxamarca, del tesoro q
SE TOMO EL AÑO DE 1533 AÑOS AL
cazique Atabalipa, señor que era de
estas Reynos


ATALANTA WORKSPAC

Thank you!

Harriette_Hemmasi@brown.edu

Brown University Library

Research & Outreach Librarians

GET HELP:

Chat Now or Text, Email, Phone, In Person

Not sure where to start?

- Guide to Research
- Your Subject Librarian

Pick a Research Guide:

PORTICO

DPN
THE DIGITAL PRESERVATION NETWORK

PRESERVED IN
LOCKSS

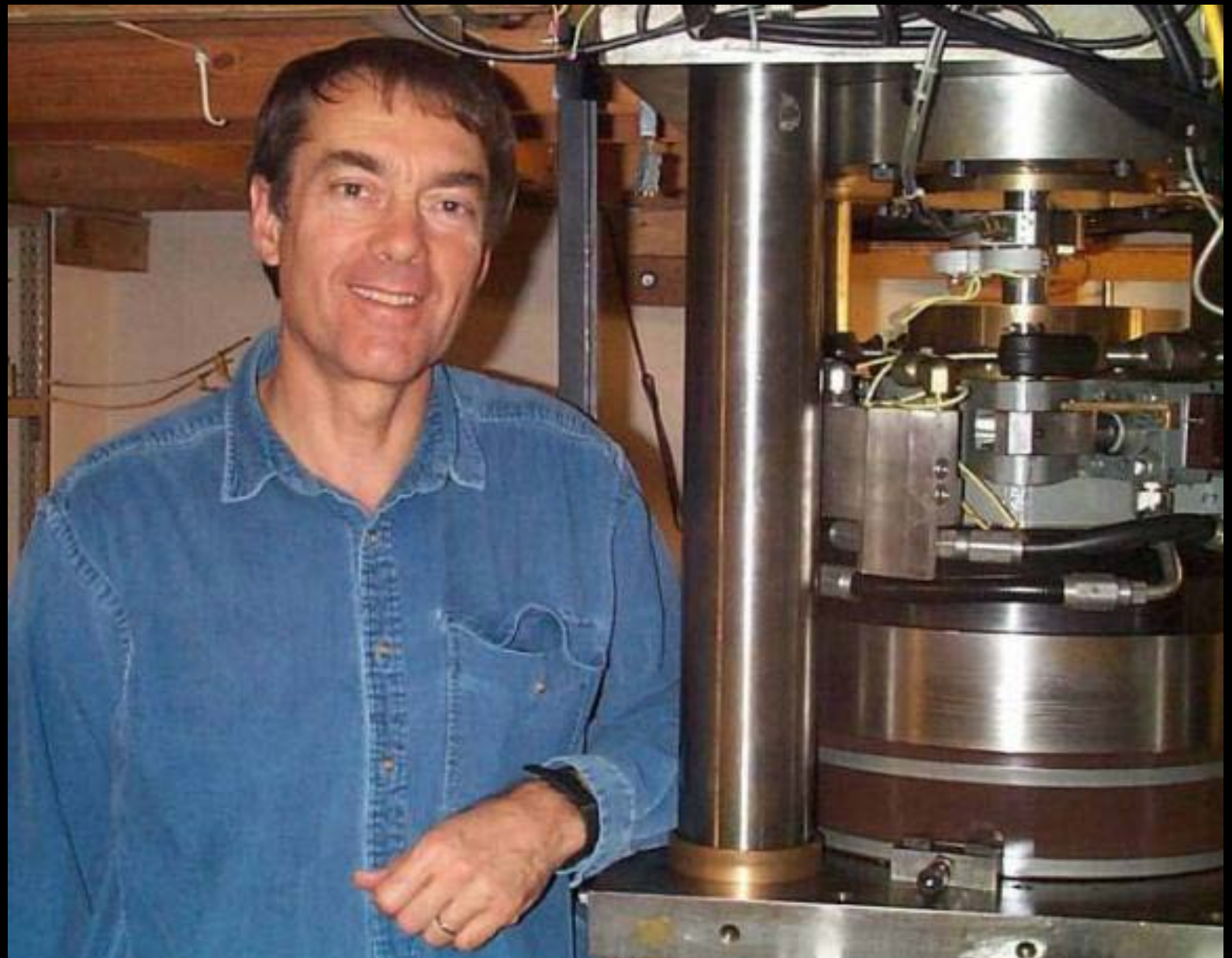
PRESERVED IN
CLOCKSS

Learning Reframed

FROM	TO
• Teacher-centered	► Learner-centered
• Listener, observer, note-taker	► Active problem-solver, contributor
• Consumers	► Producers
• Theory, historical	► Practical, tools & services of profession
• Grade, goal-oriented	► Process, internalized, applied
• Low or moderate expectations	► High expectations for class relevancy
• Attendance by personal choice	► Community/group expectations
• Competition with peers	► Collaboration
• Self-definition, independence	► Interdependence
• Teacher, texts = authority	► Peers, self, and community authority
• Linear, textual literacy	► Multi-modal literacies
• Classroom	► Everywhere

Connecting Researchers, Data, and Communities

Preserving Valuable Data



HERBARIUM OF JAMES L. BENNETT.
Presented to
BROWN UNIVERSITY HERBARIUM.

C COAST PLANTS
ryana, Hook.

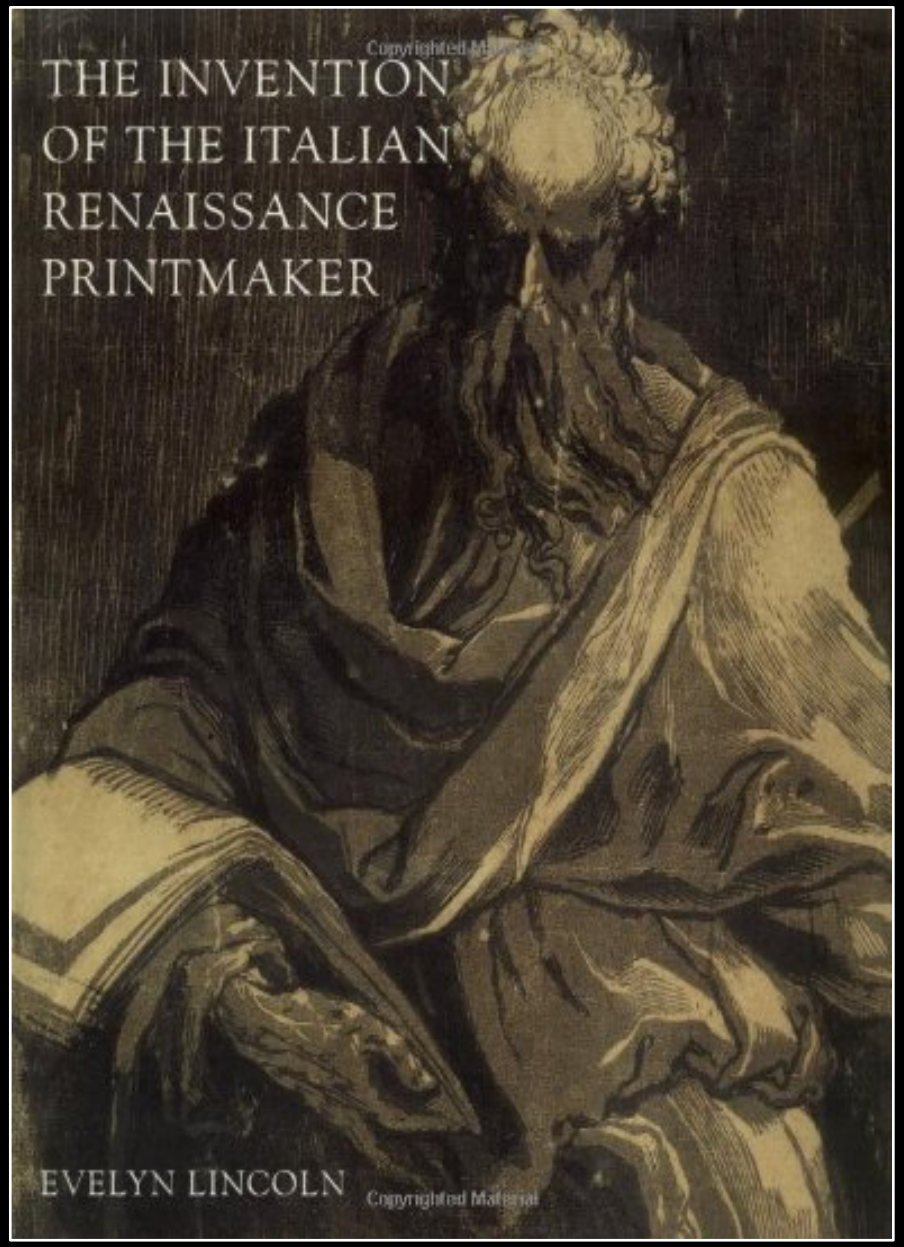
Quercus garryana Douglas ex Hook.

Oregon white oak, Brewer Oak, Garry oak, Oregon oak

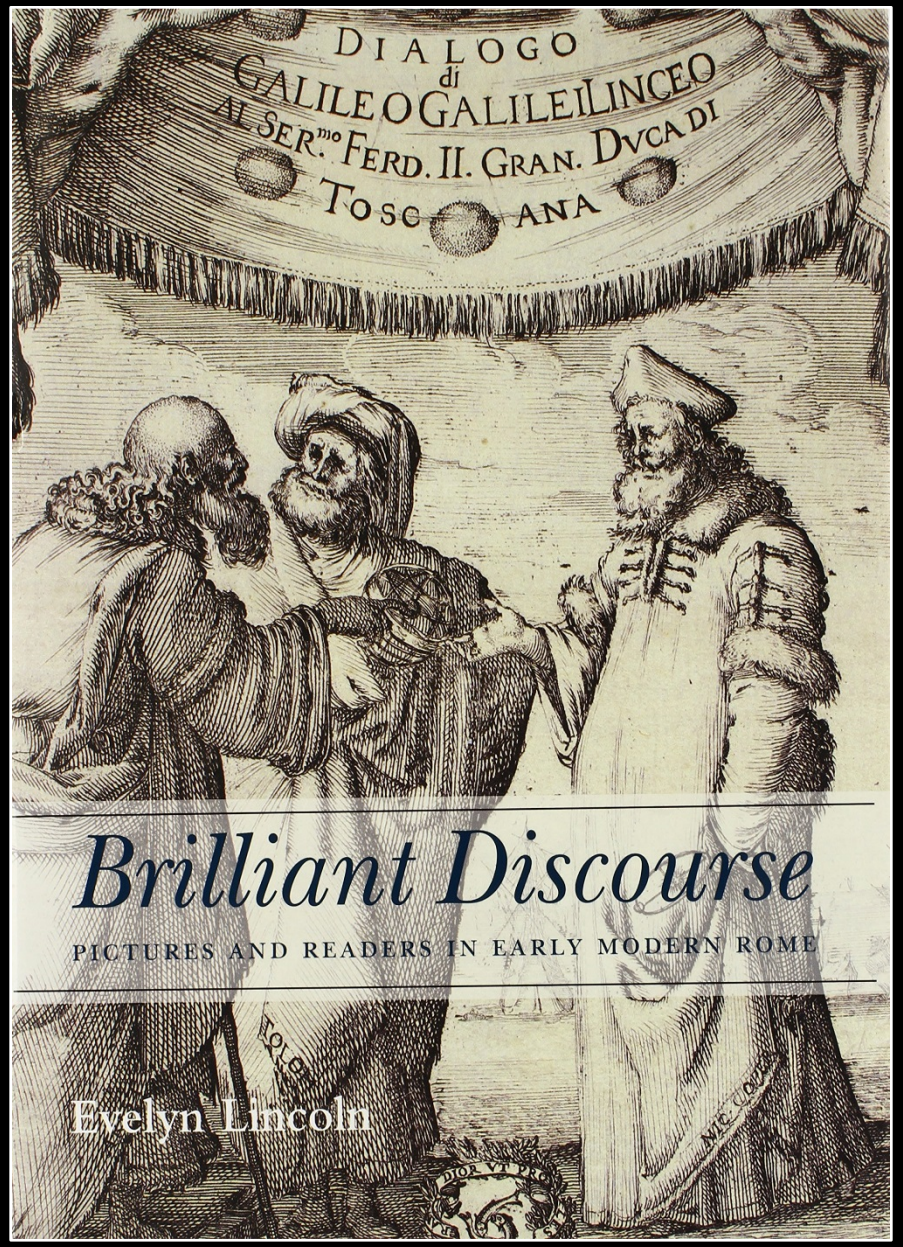
Fagaceae -- Beech family

William I. Stein

Oregon white oak *(Quercus garryana)*, a broadleaved deciduous hardwood common inland along the Pacific the longest north-south distribution among western oaks-from Vancouver Island, British Columbia, to southern is the only native oak in British Columbia and Washington and the principal one in Oregon. Though commonly Garry oak in British Columbia, elsewhere it is usually called white oak, post oak, Oregon oak, Brewer oak, or s scientific name was chosen by David Douglas to honor Nicholas Garry, secretary and later deputy governor of Bay Company.



(published 2000)



(published 2014)

THE THEATER THAT WAS ROME

- Prof. Lincoln
- Librarians
- Students
- Digitized collections
- Brown Digital Repository

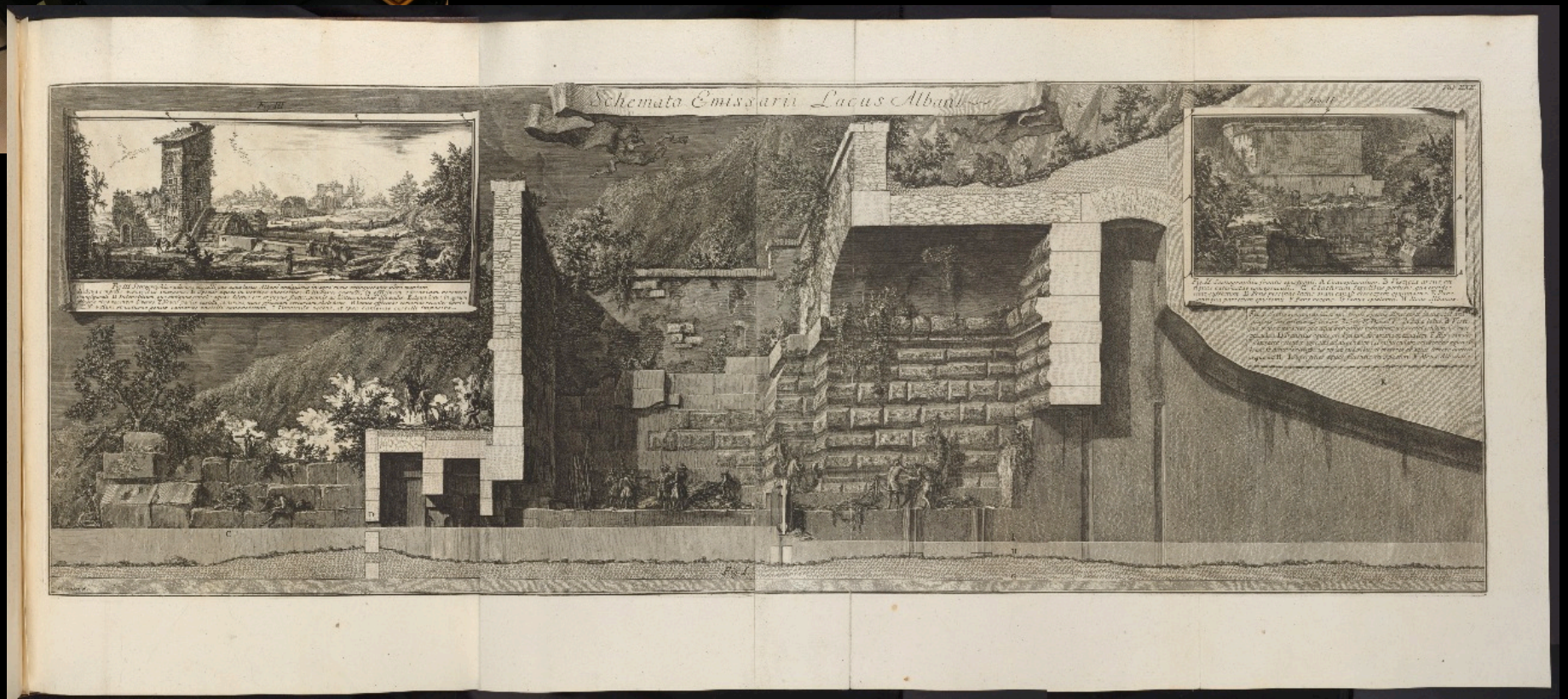


IMAGE-LEVEL METADATA

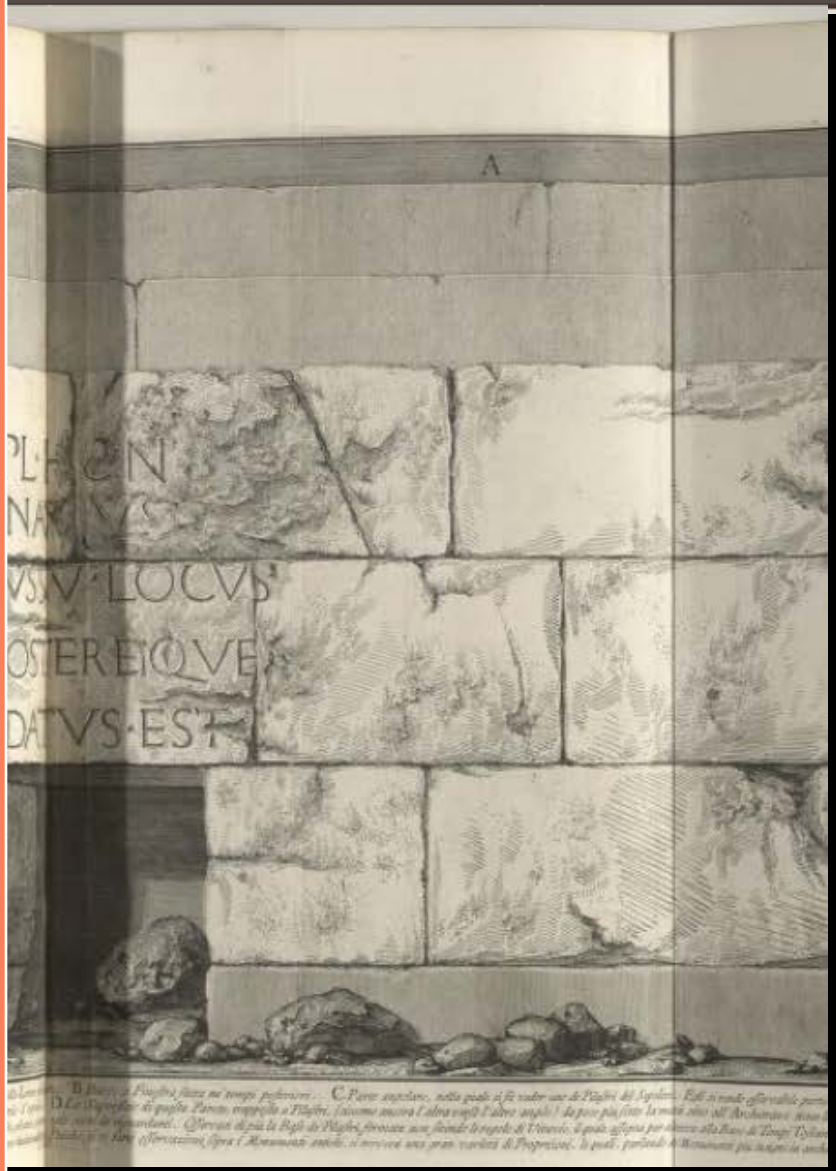
Subtitle
di Giambatista Piranesi/ Architetto Veneziano/Tomo Secondo/Contenente gli avanzi/ de' monumenti sepolcrali/ Di Roma e dell'Agro Romano

Contributors
Piranesi, Giovanni Battista, 1720-1778 (artist)
Rotilij, Angelo (publisher)

Title
Le antichità romane

Series
Theatre That was Rome

Keywords
Antiquities
Architecture
Sculpture



Student Essays Included in Theater That Was Rome

Antonio Bosio, *Roma Sotteranea*

The first edition of Antonio Bosio's *Roma sotterranea* was released posthumously in 1634, approximately five years after the author's death. Bosio had conducted a vast amount of preparatory work and many Roman scholars were looking forward to the publication of his ambitious project. After the author's death, the Knights of Malta, who were appointed as his beneficiary (legatee), entrusted the Oratorian Giovanni Severani with the editing and revising of Bosio's work. Only the second part of Bosio's original plan was completed before the author's death. This section of the project included two parts: the first was devoted to early Christian burial practices and funeral rituals and the second was dedicated to a detailed description of the Roman catacombs that Bosio had explored. Cod. 31 of the Biblioteca Vallicelliana in Rome contains Bosio's original manuscript with Severani's editorial revisions. Among Severani's additions, the most conspicuous was a whole fourth book on the catacombs' iconography. Facciotti printed the book and the printing process lasted almost three years, partially due to the laborious work for the many illustrations present in the book. The first edition of *Roma sotterranea opera postuma di Antonio Bosio romano* [Subterranean Rome, a posthumous work of the Roman Antonio Bosio] became the object of polemical disputes between Catholics and Protestants on the history and customs of the early Christians. The Brown University copy of Bosio's book digitized for this website is a 1650 edition of the *Roma sotterranea*. Reprinted by Lodovico Grignani on the occasion of the 1650 jubilee, this edition reached a greater number of readers than the Facciotti edition. It was also known as *Il Bosietto*, [the little Bosio], because of its compact format and reduced number of illustrations. The book includes convenient summaries all around the text margins and only one plate appears to be missing between page 124 and 125.

References

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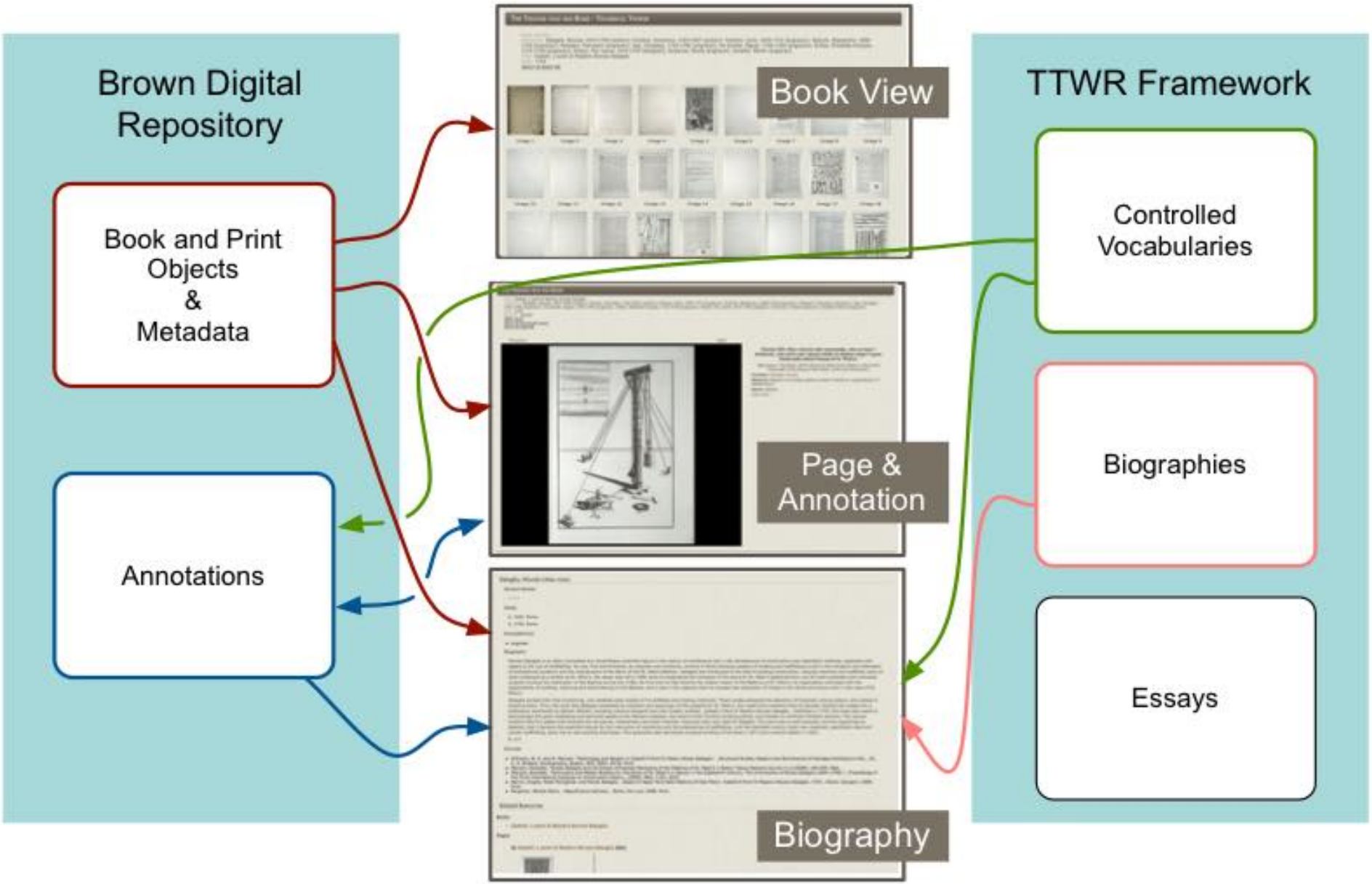
REPOSITORY PROVIDES ENABLING STRUCTURE FOR "THEATER THAT WAS ROME"