

XVI Jornadas CRAI

Los laboratorios digitales: un servicio de apoyo digital a la docencia, la investigación y el aprendizaje

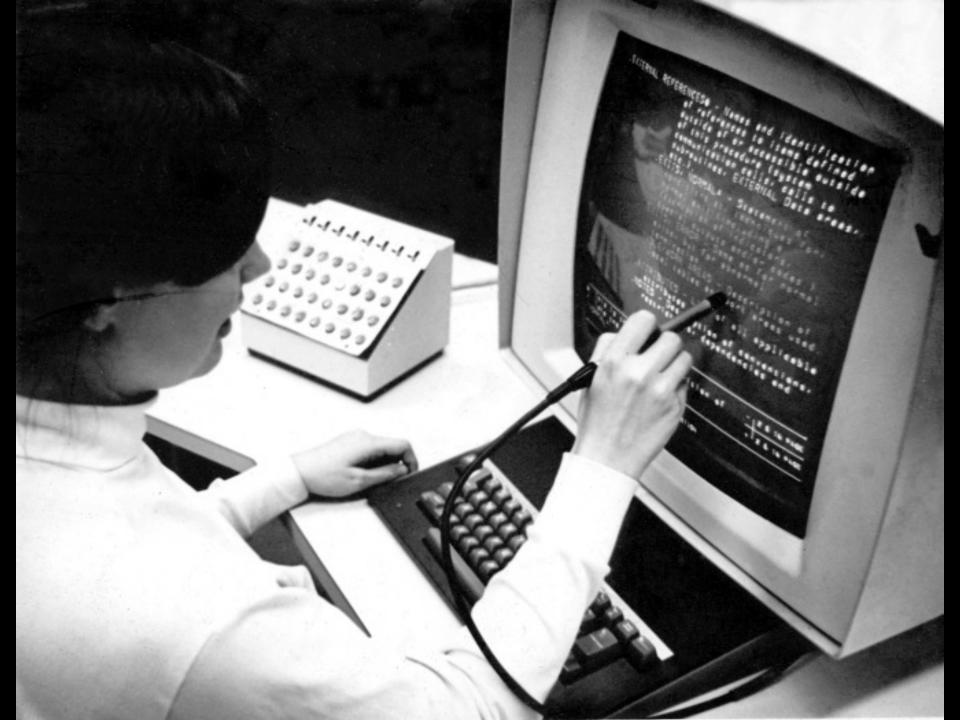
Digital Scholarship at Brown University

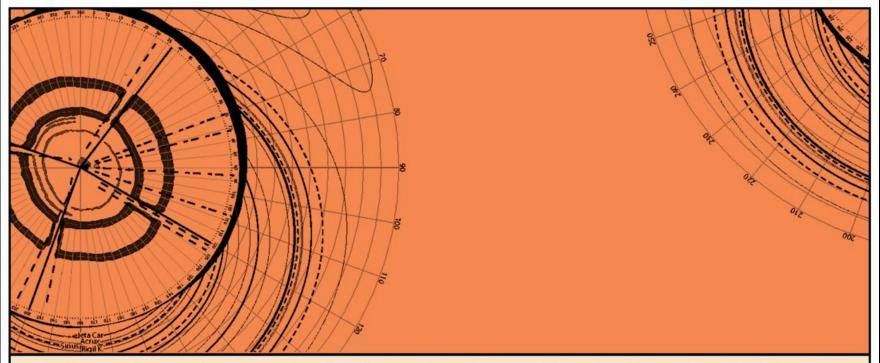
UNIVERSITAT DE VALÈNCIA, 7 Y 8 DE JUNIO 2018

An Early Experiment in Teaching Poetry with Computers at Brown

In the early 1970s two Brown University professors devised a radical idea....







SCHOLARLY TECHNOLOGY GROUP

STG assists faculty to explore the potential of digital technologies and methods in research. Please visit us to learn more about digital humanities.









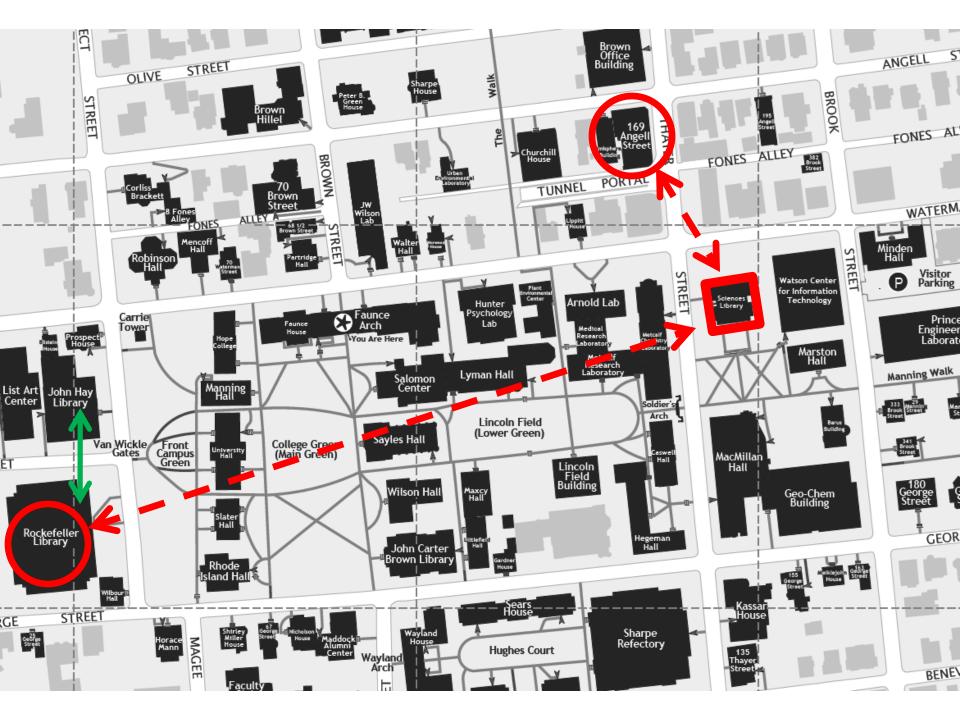




Scholarly Technology Group

Center for Digital Initiatives

Center for Digital Scholarship







PROTOTYPE DIGITAL RESEARCH ENVIRONMENT

Prof. Andy van Dam Prof. Massimo Riva Brown U. Library

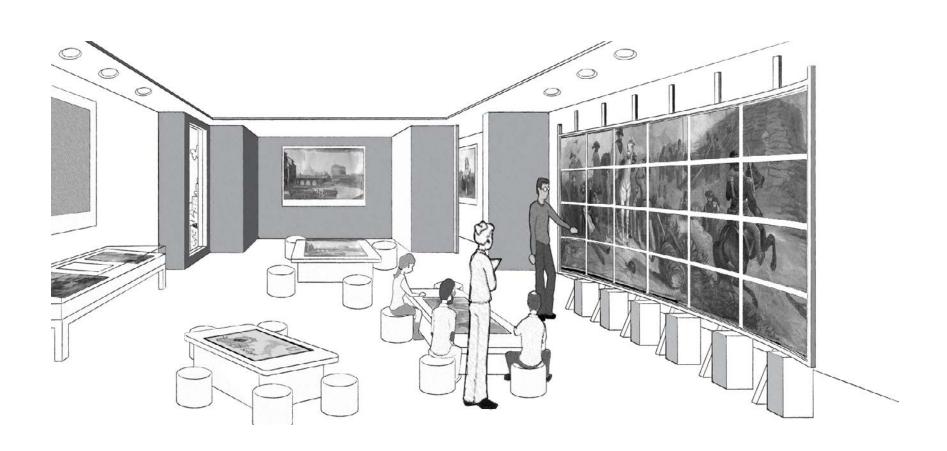


on the Microsoft Surface





Digital Scholarship Lab

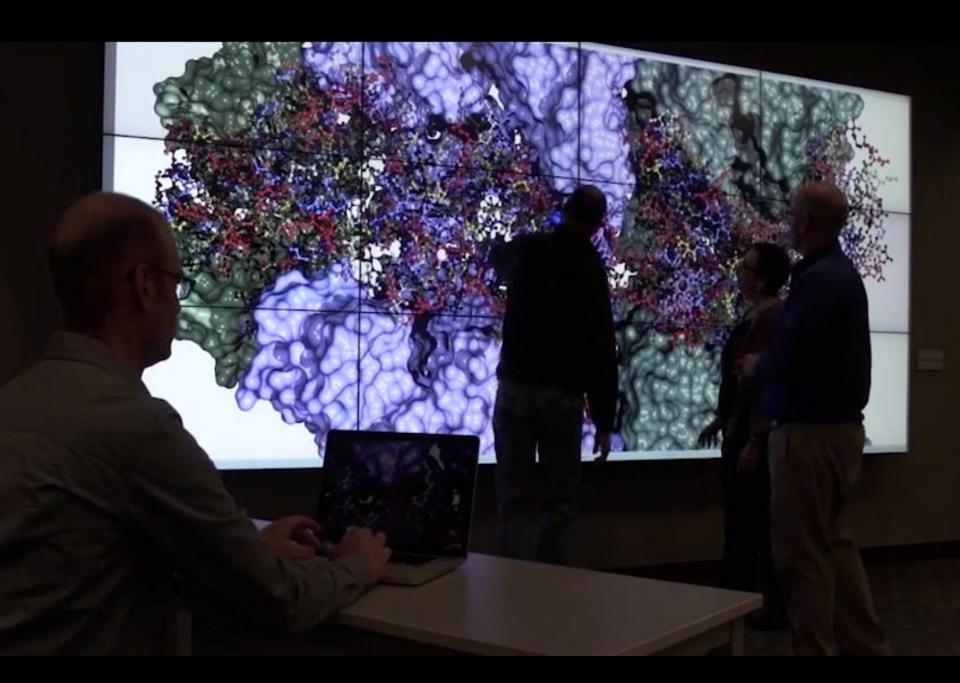






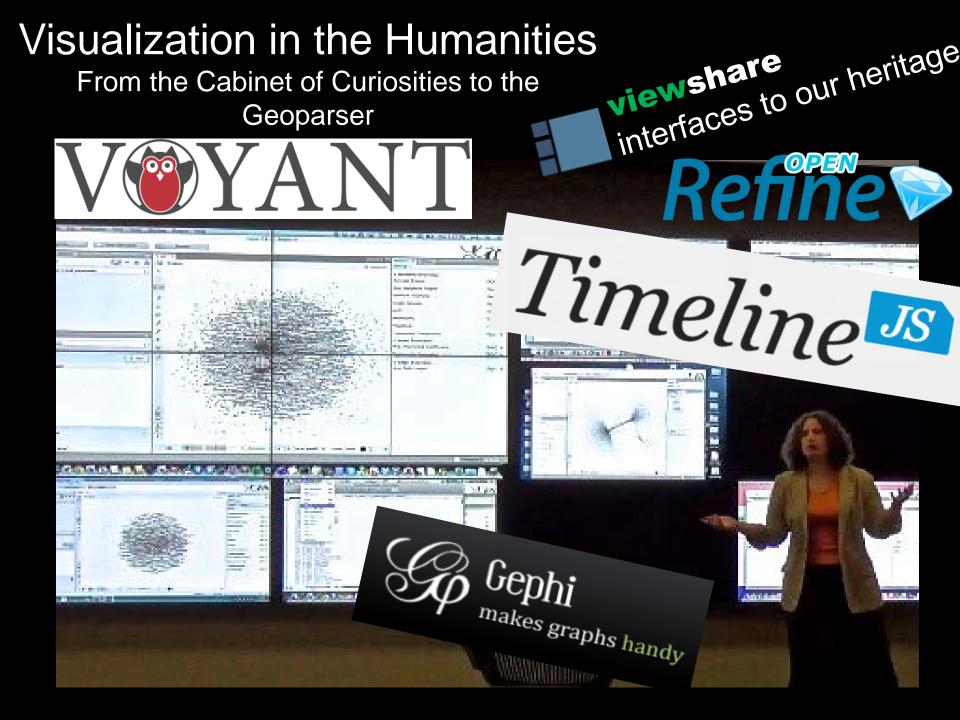
Patrick Ma Digital Scholarship Lab















Early Concept of Digital Studio





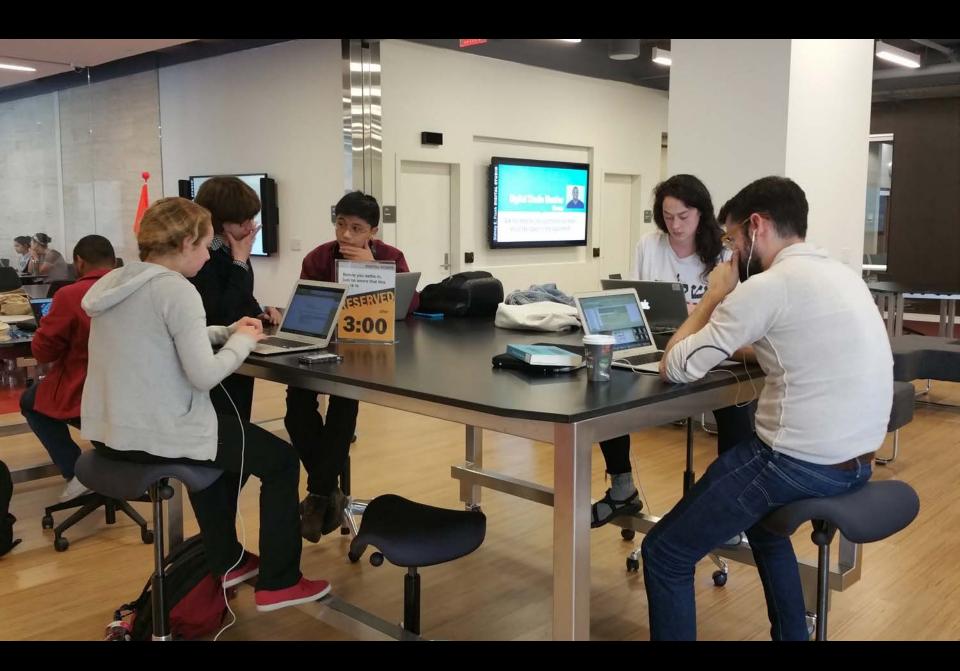








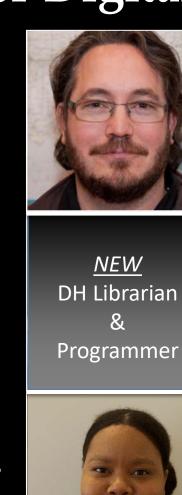






Center for Digital Scholarship

- Data Curation
- Data Management & Retention
- Digitization
- Visualization
- Spatial Analysis
- Metadata Creation
- Digital Humanities
- Repository Services
- Web Design
- Copyright & IP
- Consultations
- Workshops & Training
- **Conferences & Lectures**
- Research Questions
- **Publications**





















New Expertise, Services & Partnerships

NEW JOBS

Digital Scholarship Editor

Science Data Librarian

Director of CDS

Data Visualization Coordinator

Designer for Online Publications



NEW SERVICES

Media Literacy & Visualization

Managing Research Data

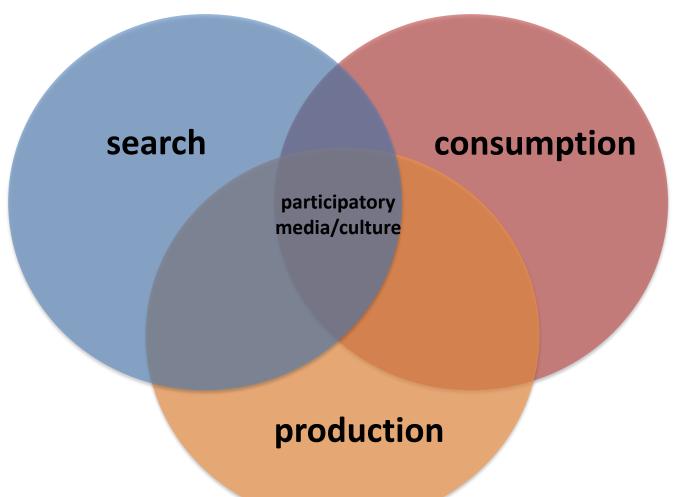
Advanced Library Research in

Discovering Primary Sources in

Copyright, Citation, Evaluation

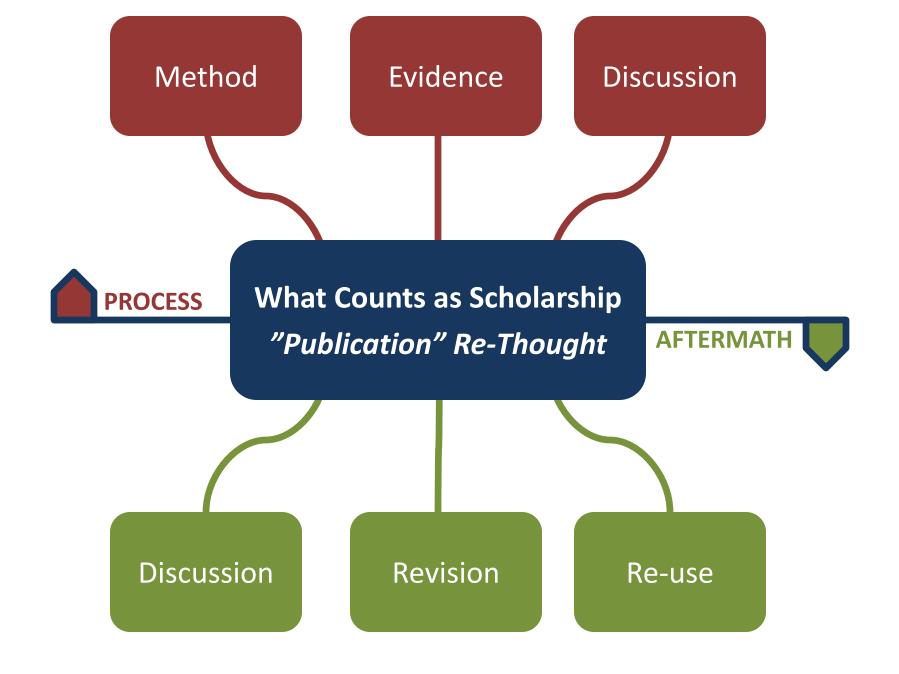


Involving staff from all areas of the Library



Based on slide by Eli Chapman www.chapmanlogic.com/blog





Brown Digital Repository Disseminate & Preserve

Brown Digital Repository Feedback Discover... I Want to... Login ◆

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.

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.

I want to...

Assign a DOI

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

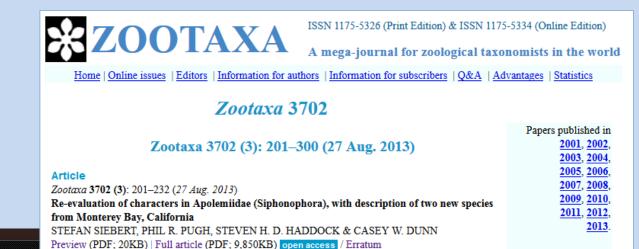
Consult on a project

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

Read FAQ

Frequently Asked Questions may already answer your BDRrelated question.

Cite Research Outputs



Brown Digital Repository

Browse Search Recently Added About





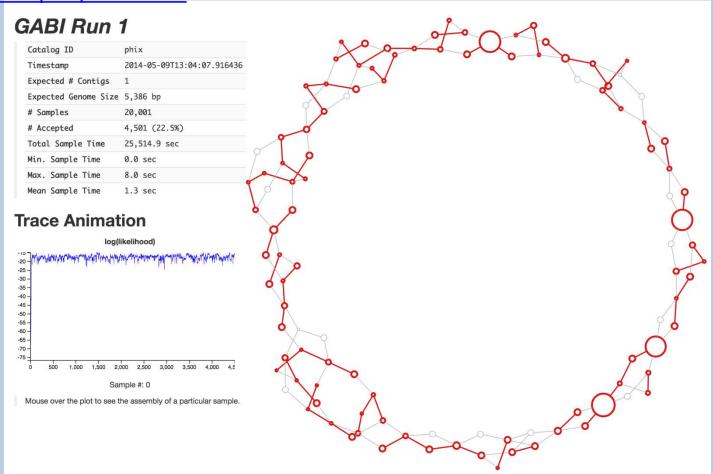
(Digital Object Identifier)

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

Disseminate Unpublished Code, Data

Howison et al. (2014) Genome Assembly by Bayesian Inference (GABI): Sample Report for PhiX174.

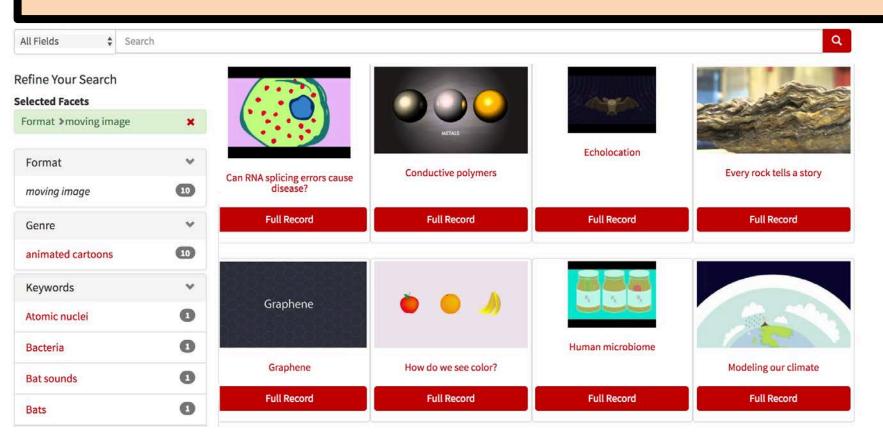
https://repository.library.brown.edu/viewers/archive/bdr:351764/content/g abi-report/run1.html



ARCHIVE CLASS PROJECTS

Brown Science Center: Science Cartoons

... developed to engage STEM and non-STEM students and faculty in the creation of science animation ... for communicating scientific research and concepts to broad audiences ... via storytelling, animation, art, and high-quality multimedia

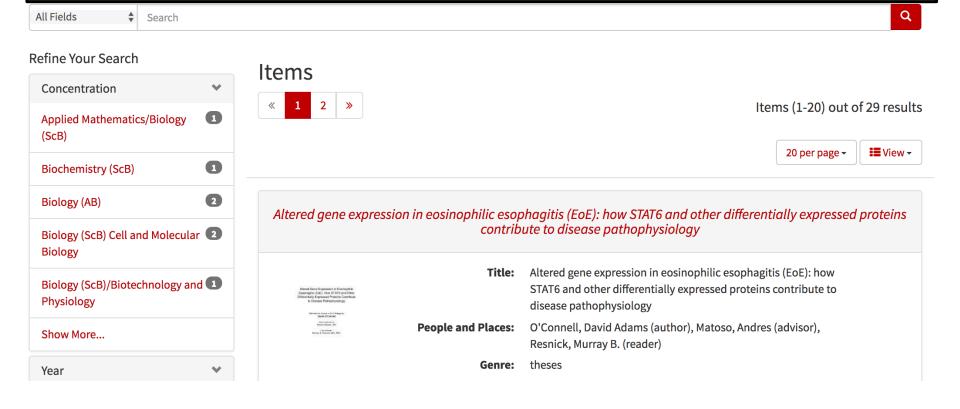


Faculty, PhD, & Master's -- Now Undergraduates, too

Brown Digital Repository Feedback Discover... I Want to... Login →

Brown University Undergraduate Honors and Senior Theses

... Every concentration program allows its students to pursue honors. Established in 2016, this collection contains senior theses, senior capstone projects, and senior honors theses ... that students have chosen to make available via the BDR.



Promotion and Recognition of Library's Research Support Services

Preparing for Research



Publishing & Impact



Grant Reporting & Compliance



Data Management & Sharing



Get help with...

- finding grants & fellowships
- finding collaborators
- patent searching
- a literature review
- systematic review screening, reporting & management
- electronic lab notebooks
- authenticating reagents, cell lines & model organisms

Get help with...

- managing references
- measuring researcher impact
- locating a high impact factor journal
- adding publications to researcher profiles and managing scholarly identity
- publishing open access
- a journal's reproducible methods checklist
- understanding author rights

Get help with...

- locating & managing grantrelated publications
- · depositing a publication
- a funder's public access policy
- a funder's reproducibility application
- creating and storing biosketches

Get help with...

- writing data management & sharing plans
- citing & publishing data
- a data sharing repository
- getting a digital object identifier (DOI)
- choosing a license for software & data
- minimum information (MI) & data reporting standards
- using the Brown Digital Repository (BDR)

Policies for Access, Reuse, Retention & Dissemination









Technology Ventures Office (TVO)

(BUL) Public license and open access (OA)



BROWN UNIVERSITY



About Brown Academics Admission Research

Campus Life

PEOPLE DIRECTORY

News from Brown

News

Campus and Community

For Journalists

Featured Events

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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.





"Nice, but as long as there are readers there will be scrolls."

READ, WRITE AND THINK IN A DIGITAL AGE

Maker Spaces

More About Maker Spaces



Makerspace at Hill Library, NCSU

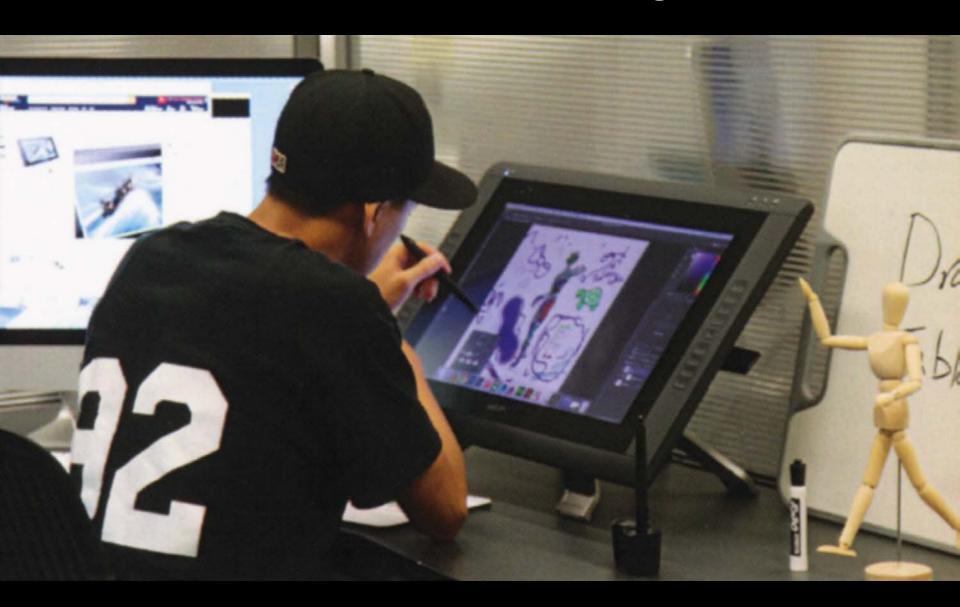
Digitization in Makerspaces



Media Workstations in Makerspaces



Media Workstations for Design





Video Recording Studios



University of Maryland

Arduino Workshop





Virginia Tech University



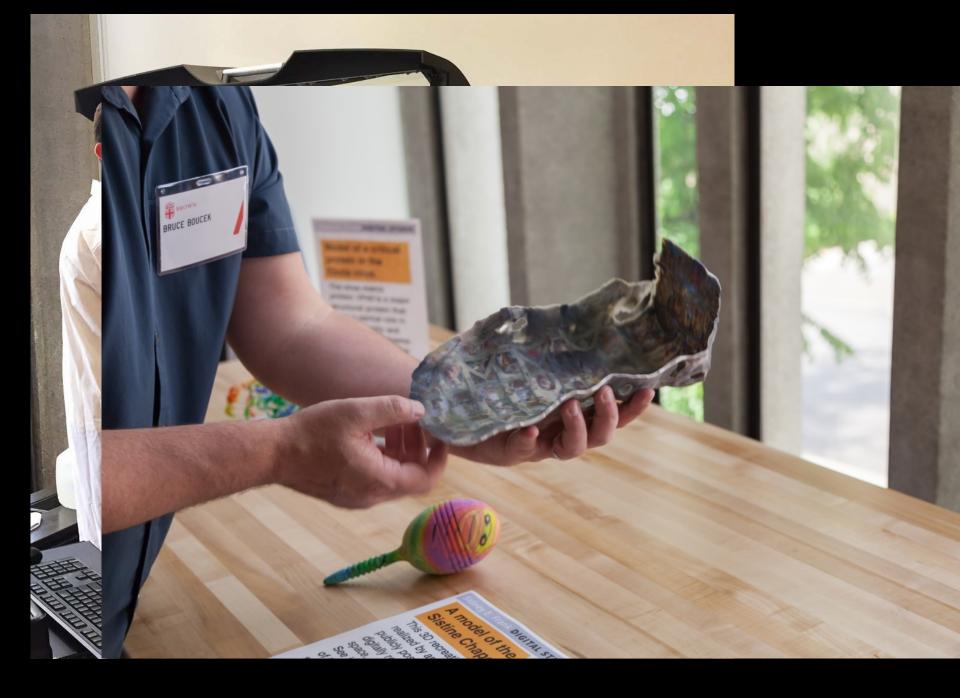
Duke University, 3D Equipment



University of Virginia



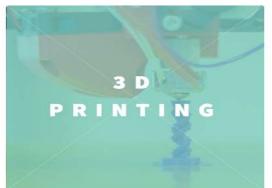
Duke prints for a fee / Says: leave 3D printing to the experts



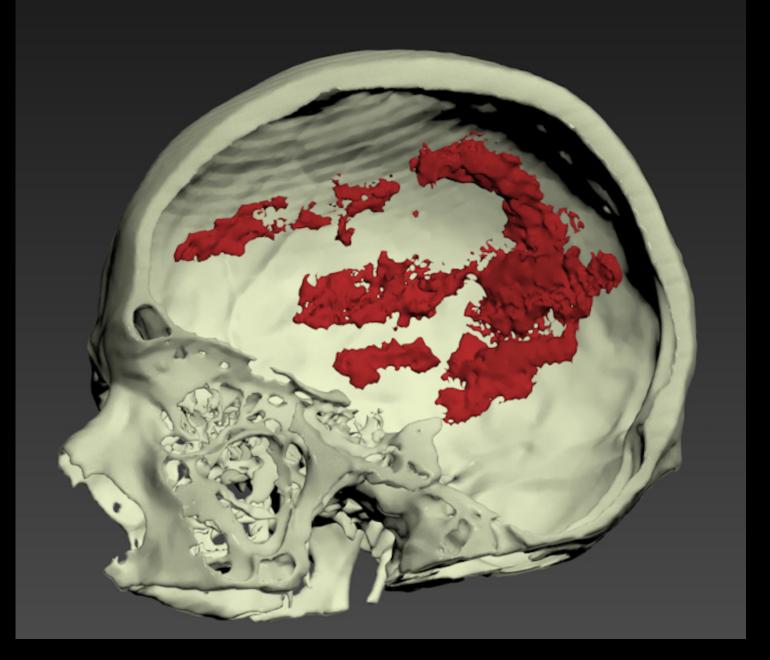








Brown University – developed set of co-taught workshops



Products of 3D Printing: anatomical imaging



Duke University graduate student, Sculptures modeled and printed in 3D plastic



3D Printing of Topographic Map



Brown University – 3D Model of Historic Fish



ISIS-Destroyed Museum in Iraq Revived by Crowdsourcing and 3D Printing Technology



Vanderbilt University – 3D Digital Preservation of Text



Virginia Commonwealth University, Virtual Curation Laboratory 3D versioning and printing of archaeological artifact



Virginia Commonwealth U student cleans up 3D printed replica



Photo-scanning





UVA student creating 3D model of Ancient Greek vase

DePaul Univ Library

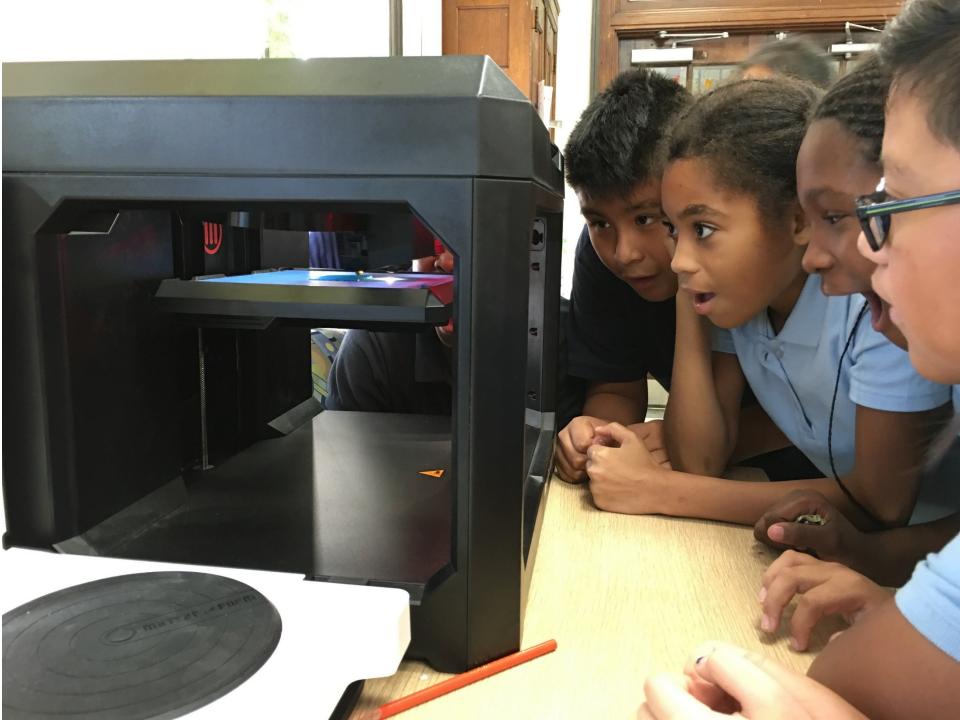




Use of 3D printing in primary school education



Children building 3D designs





Weistek's MiniToy 3D Printer



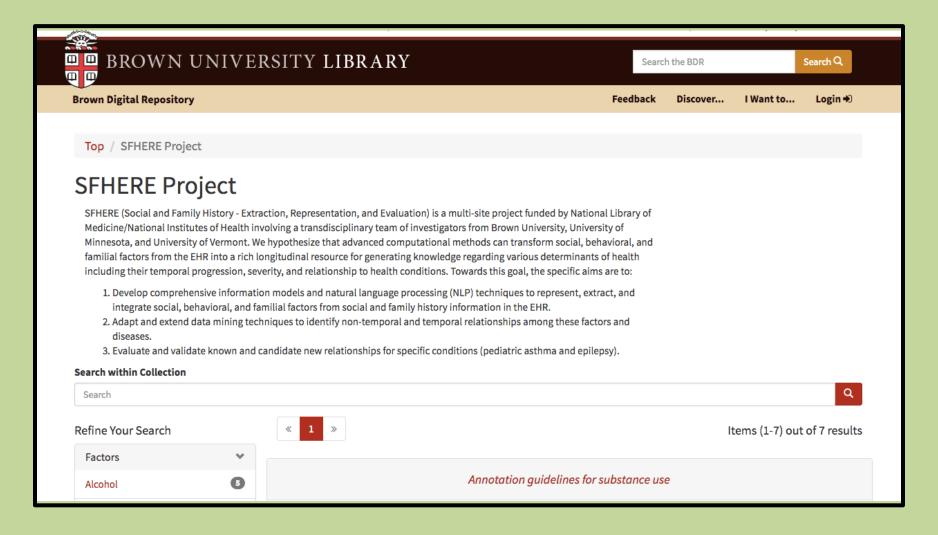
Thank you!

Harriette_Hemmasi@brown.edu



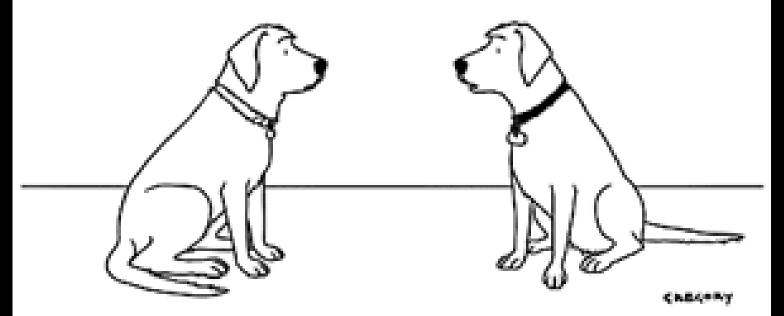
Brown University Library

Disseminating & Providing Access to Data Funded by Grants





@ Cartoonbank.com



"I had my own blog for a while, but I decided to go back to just pointless, incessant barking."

















Brown University Libraries

LIBRARY.BROWN.EDU



Brown University Library

Provost

Library Functions

April 2018

University Librarian

Deputy University Librarian

Access Services & Collection Management

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

Research & Outreach Services

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

Digital Technologies

- Brown Digital Repository
- Systems & software development
- Technology support & training
- Web applications & user interfaces
- Digital preservation

Center for Digital Scholarship

- Digital humanities
- Data management
- Data curation
- Data visualization
- Spatial analysis
- Faculty & student projects
- Digital publications (grant-funded)

Special Collections

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

Organizational Development & Planning

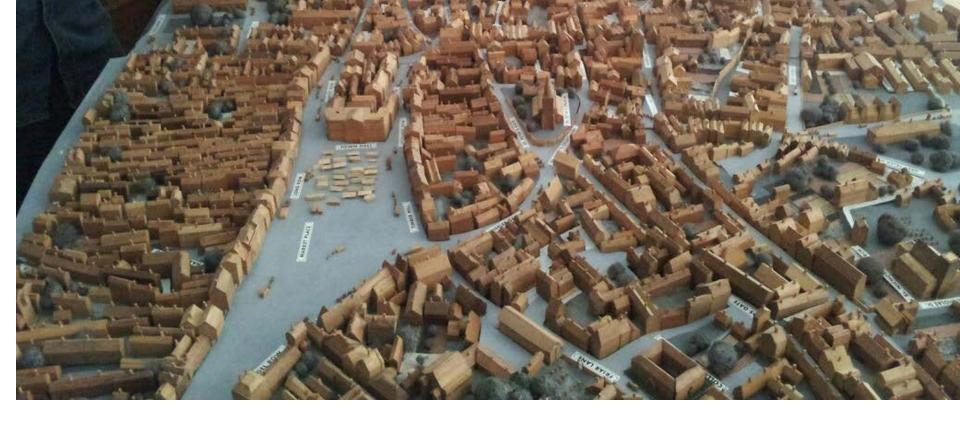
- Library planning & assessment
- Organizational development
- Staff training & professional development
- Library human resources
- Internal communications

Administrative Functions

- Communications and public programs
- Library facilities & building safety (includes Mailroom)
- Library finances & business services (includes Purchasing)

Broadening Library's Engagement with Teaching Research & Learning





http://blogs.nottingham.ac.uk/digitaldialogues/2014/05/20/what-is-the-digital-hum



Duke 3D printing lab: notes @ https://today.duke.edu/2016/09/new-makerspace-

