EVENTOS
XVI Jornadas CRAI

2018

Digital Scholarship at Brown University
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.
RESEARCH ENVIRONMENT
Multimedia Archive
Amplified Display
Interactive
Multi-user
Mapping
Annotations
Connection to Digital Repository
Digital Scholarship Lab
Visualization in the Humanities
From the Cabinet of Curiosities to the Geoparser

VOYANT

viewshare
interfaces to our heritage

Refine

Timeline

Gephi
makes graphs handy
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 DH Librarian & Programmer
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
Participatory Culture

Involving staff from all areas of the Library
What Counts as Scholarship

"Publication" Re-Thought

Adapted from: Lavoir, et al., *The Evolving Scholarly Record* (OCLC Research, 2014)
Two new apolemiid species (Cnidaria, Siphonophora) from Monterey Bay, California

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Disseminate Unpublished Code, Data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/gabi-report/run1.html
... 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
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.

<table>
<thead>
<tr>
<th>Refine Your Search</th>
<th>Items</th>
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<tbody>
<tr>
<td>Concentration</td>
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<tr>
<td>Applied Mathematics/Biology (ScB)</td>
<td>1</td>
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<tr>
<td>Biochemistry (ScB)</td>
<td>1</td>
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<tr>
<td>Biology (AB)</td>
<td>2</td>
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<tr>
<td>Biology (ScB) Cell and Molecular Biology</td>
<td>2</td>
</tr>
<tr>
<td>Biology (ScB)/Biotechnology and Physiology</td>
<td>1</td>
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<tr>
<td>Show More...</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Items (1-20) out of 29 results</th>
</tr>
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<tbody>
<tr>
<td>Altered gene expression in eosinophilic esophagitis (EoE): how STAT6 and other differentially expressed proteins contribute to disease pathophysiology</td>
</tr>
</tbody>
</table>

**Title:** Altered gene expression in eosinophilic esophagitis (EoE): how STAT6 and other differentially expressed proteins contribute to disease pathophysiology

**People and Places:** O’Connell, David Adams (author), Matoso, Andres (advisor), Resnick, Murray B. (reader)

**Genre:** theses
Promotion and Recognition of Library’s Research Support Services

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

### Publishing & Impact
- 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

### Grant Reporting & Compliance
- locating & managing grant-related publications
- depositing a publication
- a funder’s public access policy
- a funder’s reproducibility application
- creating and storing biosketches

### Data Management & Sharing
- 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

Research Protections (IRB)

(CIS) Information Security

Technology Ventures Office (TVO)

(BUL) Public license and open access (OA)
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.

**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.

**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
Thank you!

Harriette_Hemmasi@brown.edu