

Digital Scholarship, with Undergraduates, in the Library

DLF Forum 2017
October 23, 2017, 1:30pm



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Meet the Undergraduates!



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R.C. Miessler is the Systems Librarian at Gettysburg College and is one of the facilitators of the library's Digital Scholarship Summer Fellowship.



Carrie Pirmann is the Social Sciences Librarian at Bucknell University, and co-facilitator of their Digital Scholarship Summer Research Fellows program.



Courtney Paddick is the Arts and Humanities Librarian at Bucknell University, and co-facilitator of their Digital Scholarship Summer Research Fellows program.

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Lafayette College:

Digital Humanities Summer Scholarship

founded 2015

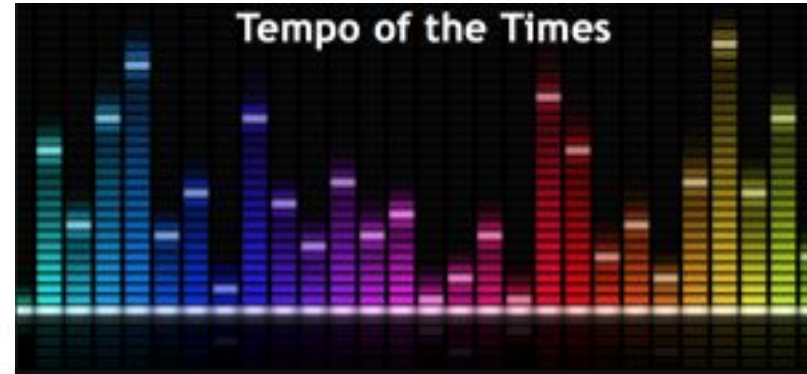


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Lafayette: origins & beginnings

Essential question:

How can the library directly support and encourage digital scholarship? How do we bring this good work to the heart of our mission, undergraduate students?



Lafayette: form & evolution

Cohort model: selected for the strength of their idea and their desire to learn. Work toward independent goals but collectively.

Competitive, **paid internship**.

8 students, 6 weeks, *their* projects start to finish.

What has changed:

Year 2: added a paper element; embedded more library instruction; greater emphasis on contextualizing within current scholarship.

Year 3: formalized a “bring-it-back” component. Started orientation and prep work earlier. More collaboration with other programs.

Lafayette: nuts & bolts



Assignments

(1) Research Process

Proposal, thesis (with project included), annotated bibliography, lit review, methodology, analysis, conclusion. Entire draft 1, draft 2, final paper.

(2) Project Building

Digital Humanities definitions, digital project review, tool review, tool demo, project draft 1, final project, presentations

(3) Reflection

Weekly reflection on readings, frustrations, successes. Promoting assessment and a culture of openness.

Lafayette: impact & future



Bucknell Digital Scholarship
Conference

NCUR

Pennsylvania Academic Librarians
Conference

Published chapter in Libraries in
the Sandbox

Published articles

Graduates: Senior Thesis Awards,
Fulbrights, PhD in Statistics,
Critical Language Scholarship,
Internships at Gephi, at Men's
Journal, embedded in classrooms...

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Digital Humanities Summer Scholars

Lafayette College's Undergrad DH Projects

Home

Program

sites.lafayette.edu/dhss

The Hadhrami Diaspora: Islam and Ocean Connectivity

Using descriptions of prominent Indian Ocean trade routes written by the renowned world traveler Ibn Battuta in the 14th century, this project presents an interactive map created in ArcGIS and Neatline, that traces his travels and relation to Hadhrami migration and influence on Indian Ocean trade and culture. The purpose of this visualization is to highlight Hadhrami migrants who played versatile roles in an interconnected Indian Ocean world.

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Gettysburg College

Digital Scholarship
Summer Fellowship



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Gettysburg: Origins

No support model for digital scholarship on campus

Difficulty finding faculty interested in doing digital projects in the classroom

Inspiration from student activity at [#ILiADS15](#) and [#BUDSC15](#)



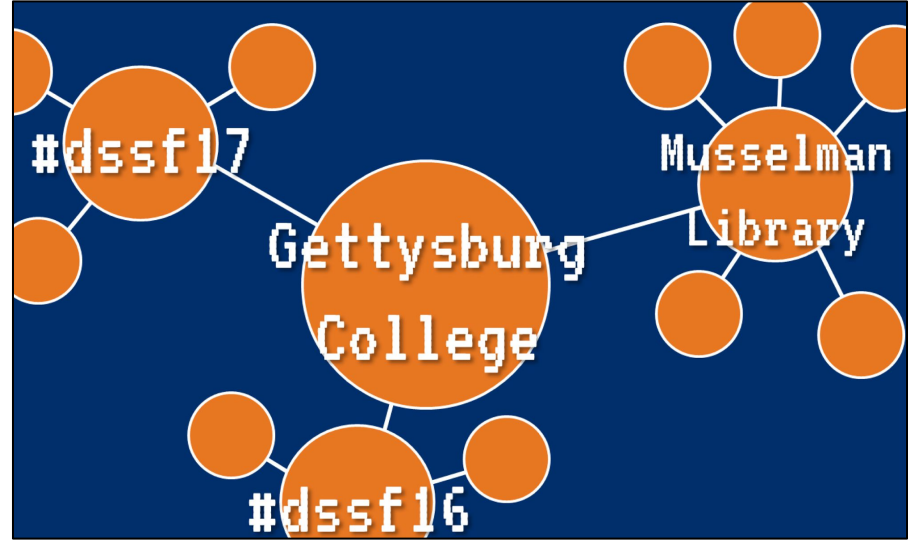
Gettysburg: Logistics

10 weeks, paid, library-led,
student-centered

Open curriculum: anyone can
remix, reuse

Process emphasized as much as
final project

Development of a community of
practice



Gettysburg: [#dssf16](#)

Year one: starting a new experiment

Community building: Gettysburg visits Lafayette

After the summer: student support for assignments in the classroom and the [What We Did Here](#) digital repository

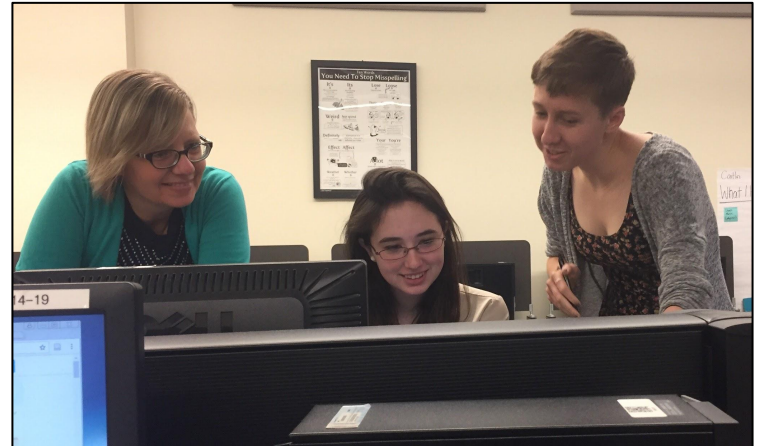


Gettysburg: [#dssf17](#)

Year two: expanding the community

Changes: #dssf16 as Senior Fellows, [Digital Literacy Assignment grants](#)

Community building: Bucknell visits Gettysburg, participation in conferences



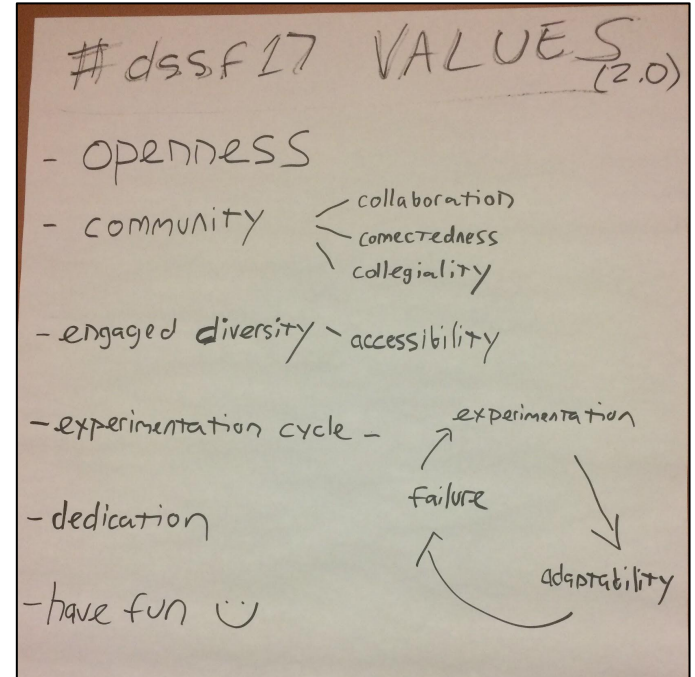
Gettysburg: What's Next?

Funding for next 3 years being finalized

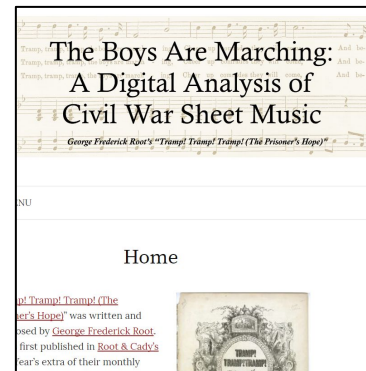
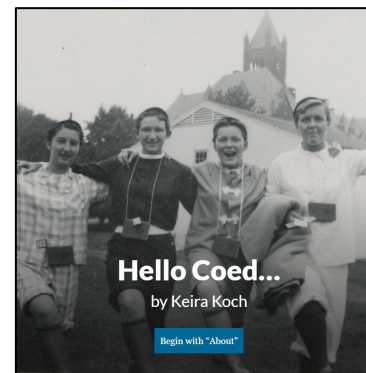
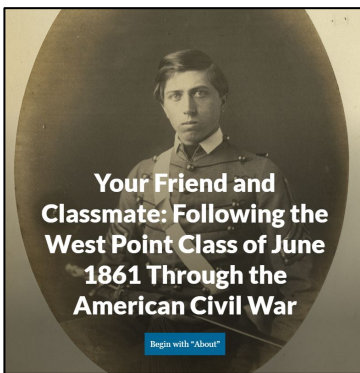
Rethinking curriculum/roles/goals

Diversity in recruiting and hiring

Connecting with more institutions and expanding the community



Gettysburg: <Inspiring Conclusion Here>



Bucknell University

Digital Scholarship
Summer Research Fellows



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Bucknell: Origins

Inspired by the presentation at [#BUDSC16 by Gettysburg and Lafayette](#)

Prior involvement with faculty-student summer research grants and digital scholarship projects

Identified a gap in student summer research opportunities on campus

Wrote the program into our departmental strategic plan



Bucknell: Making it Happen

Four students, Eight weeks

\$3000 stipend per student

Funding from Mellon grant and student wages



**DIGITAL SCHOLARSHIP SUMMER RESEARCH
FELLOWS 2017**

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Bucknell: How we spent our summer

Tools and Methodologies explored:

Text Analysis

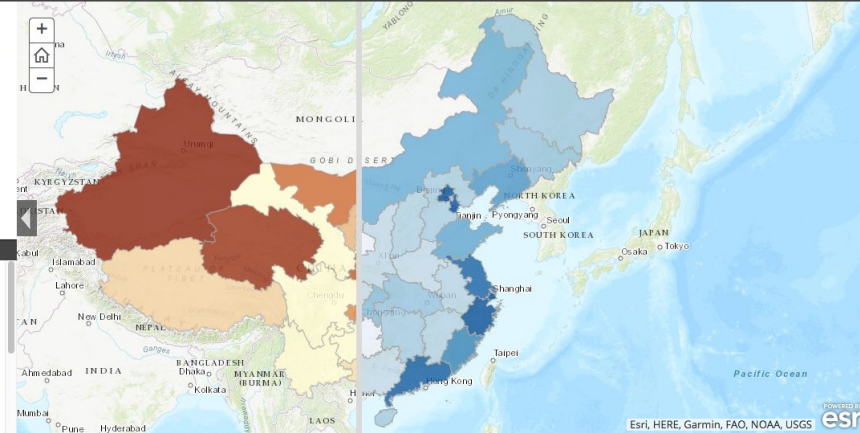
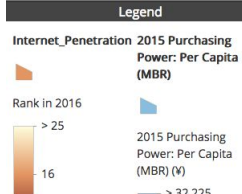
Data Visualization

Internet Penetration vs Purchasing Power per Capita

The first map shows internet penetration by province in 2016. For more information, click on the map to see the growth rate of each individual province from 2006 to 2016.

The second map shows purchasing power per capita by province in 2015. Click on the map for more information.

Use the slider to compare the two layers



Saturday, May 10 1862.

This was another lovely day. The week has been so delightful for the past week, that she does not feel like doing more than he can help — but let life float. We struck all our tents to air them & dry up the ground. We had our tents covered the other day, and received siberian tents this afternoon, but not in time to put them up. This forenoon Lt Brewer and Present & Lee our sick this forenoon. Smith is recovering slowly, & John R. Brownson & Gille are too. They are in the Regimental Hospital. Down at the Academy are Knabe in the lower ward, Santo, Snyder & Handley in the upper. Knabe told us he was so glad we had come & see them. Told him I had been down, but couldn't find him. Told him I had seen Handley the other day. "Why wasn't Handley killed when they attacked us here?" "No," I said, "Well he lay there just as if he was dead" he evidently was not yet able to separate the real from the dream, and our know how many fierce and bloody battles he had fought in his delirium, & how much he suffered in them. Handley was blind, but visible through the Sutter told us

Spatial and Temporal Visualizations

Publishing Platforms

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Bucknell: Expectations

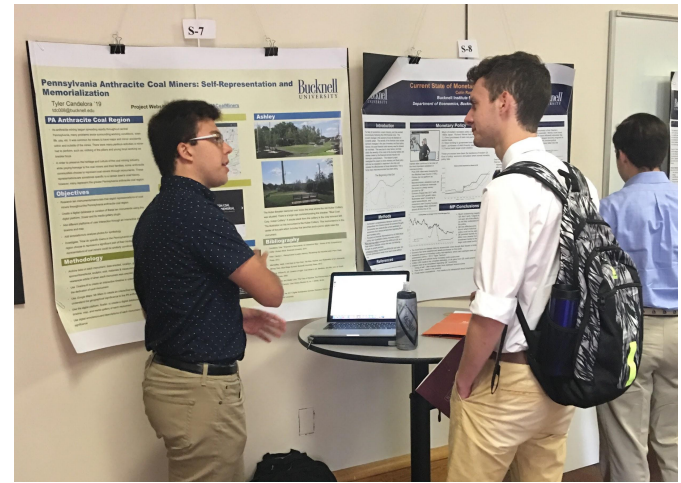
Participation in all group sessions

Individual meetings with librarians

Weekly blog posts

Develop and produce a digital scholarship project

Present projects at a conference or public forum



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It takes a village...

Research Services

Digital Pedagogy &
Scholarship

Business Intelligence

Discovery & Access
Services

Special Collections /
University Archives

Faculty



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...and interinstitutional collaboration!



Digital Scholarship Meetup

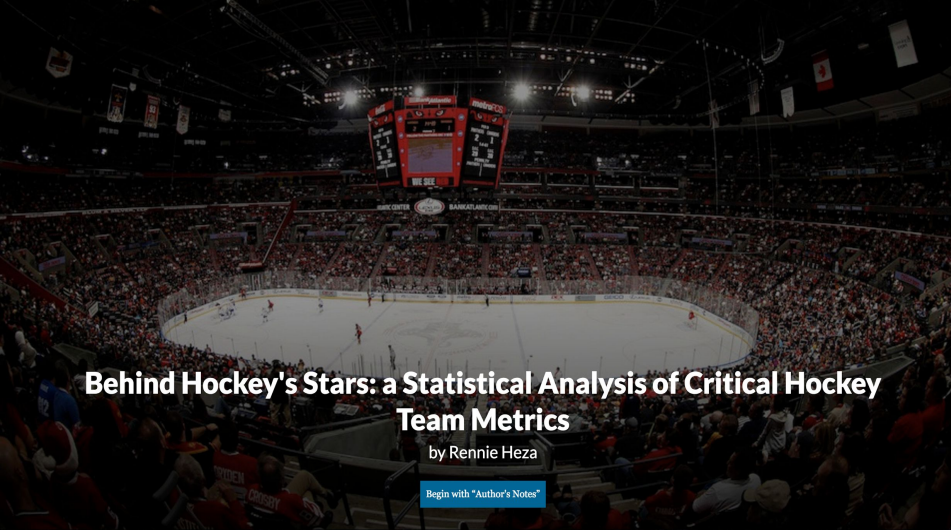
Bryn Mawr, Haverford,
Swarthmore, Lafayette, Bucknell

DSSF/DSSRF Meetup

Gettysburg College



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Behind Hockey's Stars: a Statistical Analysis of Critical Hockey Team Metrics

by Rennie Heza

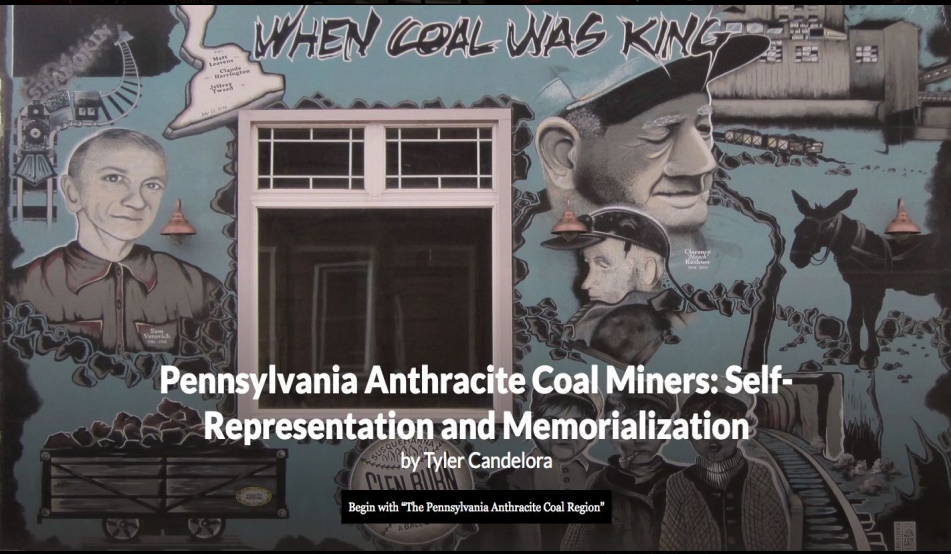
Begin with "Author's Notes"



LGBTQ+ Representation in Cinema

by Justin Guzman

Begin with "About"



Pennsylvania Anthracite Coal Miners: Self-Representation and Memorialization

by Tyler Candelora

Begin with "The Pennsylvania Anthracite Coal Region"



esri

A Story Map

China's Internet Wave

by Xu Minglu

Thank You!

Lafayette College

<https://sites.lafayette.edu/dhss/>

Gettysburg College

<http://dssf.musselmanlibrary.org/2016/>

<http://dssf.musselmanlibrary.org/2017/>

Bucknell University

<http://dssrf.blogs.bucknell.edu/>