



Digital Pedagogy & Scholarship 2018 Highlights

Digital Pedagogy & Scholarship:

The [Digital Pedagogy & Scholarship team](#) partners with faculty to drive the effective integration of technology to enhance teaching, learning, and research. Below are some highlights of the outstanding projects, course collaborations, and new spaces in Bertrand Library.

2018 in a Nutshell:



Team Updates and Travel

We added two new members of the Digital Pedagogy & Scholarship team in 2018! Brandon Karcher came to us from Purdue University and Wes Bernstein from Messiah University. Check out some of the skills they bring to the group!



WES BERNSTEIN

Digital Pedagogy & Scholarship Specialist for Video

- Video Production
- Multimedia Storytelling
- Graphic Design



BRANDON KARCHER

Digital Pedagogy & Scholarship Specialist

- Instructional Design
- Learning Theory
- Instructional Tech

We also traveled all over the country (and a little outside of it) to learn, share, and grow professionally. Here's a list of where we were in 2018:

- Digital Humanities**
Mexico City, Mexico
<https://dh2018.adho.org/en/>
- Design for Diversity**
Boston, MA
<https://dsg.neu.edu/research/design-for-diversity/>
- Association for Authentic, Experiential, and Evidence-Based Learning Annual Meeting**
Vancouver, BC
<https://aaeebl.org/>
- Consortium of Liberal Arts Colleges**
Sewanee, TN
<https://www.liberalarts.org/>
- Coalition for Networked Information**
Washington, DC
<https://www.cni.org/>
- Kaltura Regional User Group**
Jersey City, NJ
<https://corp.kaltura.com/>
- Educause Learning Initiative Annual Meeting**
New Orleans, LA
<https://www.educause.edu/eli>
- Our (Digital) Humanity: Storytelling, Media Organizing, and Social Justice**
Bethlehem, PA
<https://wordpress.lehigh.edu/odh2018/about/>
- Digital Humanities Summer Institute**
Victoria, BC
<http://www.dhsi.org/>

New Spaces in Bertrand Library

We opened some new spaces in the library in 2018. These new locations feature updated and innovative technology that will help us drive innovation, effective pedagogy, and scholarship at Bucknell.

#1 2nd Floor Studio, East Reading Room

A turnkey solution for creating video projects, flipped classroom materials, or studio quality interviews.



#2 GIS Underground, Bertrand 020

High-powered computing, GIS, and research live here. Did we mention it's in an underground lair?



#3 Digital Scholarship Studio, Bertrand 124

A collaborative meeting space to discuss, plan, and execute digital scholarship and pedagogy projects.



Projects and Collaborations

Thinking SPACE

- We partnered with students to create a mobile app that could be used to conduct research in local communities.
- The app leverages the power of GIS (Geographic Information System) to gather, analyze, and visualize spatial data.
- The mobile app was used by local officials for field work, including a borough-wide building assessment & inventory.

Cool Classes at Bucknell

Chemistry

- Faculty sought to enhance learning in innovative ways for the General Chemistry class, specifically in the lab.
- We partnered with faculty to create an immersive learning experience using 360 degree cameras in the chemistry lab.
- Students were then able to use VR to participate in lab scenarios before performing the experiments themselves.

[Check out the video!](#)

PODCAST in class

DIGITAL ADVOCACY & TAKING ACTION

- explore Culture**
Students examined, discussed, and explored cultural issues as they relate to Islam, religious headwear, and white hegemony in the U.S.
- create Podcasts**
After choosing a topic, students were then trained on how to use the sound booth and editing lab to create podcasts addressing their topic.
- present Results**
Students were provided a workshop on how to turn their podcasts into a presentation, which was delivered at the Residential College Symposium.

Mellon Support of Digital Scholarship

In June, we concluded our [\\$700,000 grant](#) focused on digital scholarship. In October, we hosted an evening celebration where faculty and students showcased their projects and research. The celebration included remarks from faculty and L&IT.

The Results:

- We created [#BUDSC](#), the Bucknell University Digital Scholarship Conference which promotes digital scholarship and pedagogy.
- We supported 27 summer research projects, 16 course design grants, and 34 micro grants across 21 academic programs.
- We established Bucknell as a leader in digital scholarship by hosting peer institutions and sharing our knowledge via presentations and publications.