Technology and the Intersection of Science and Humanities

Supporting Innovation, Creativity and Hands-On Learning
Seton Hall University

- Diocesan Catholic University
- Main campus located in suburban NJ, 15 miles from NYC
- Law School located in Newark, NJ
- Approx. 4,500 full time undergraduate students
- Approx. 450 full time faculty
What is a Makerspace?

When you hear the term “makerspace” what comes to mind?

Please contribute to our crowdsourced definition using one or both of the following mediums:

- Padlet (http://bit.ly/sessionA)
- Post-it
How SHU defines Makerspace

- Defined by students and faculty, will evolve and change depending on the people using it each semester.
- No one formula to apply, lots of variables based on community.

SHU’s variables/formula

- SHU Makerspace = Tech tools already in use + interest + space + administrative support + opportunities
Defining STEAM & DH

STEAM
- Drawing on design principles to add Art & Design in STEM education.

Digital Humanities
- Incorporates digital tools to traditional humanities methodologies
Tools - STEAM or DH?

How many tools can you identify as STEAM or DH? Using your cell phone, text your answer to the following questions.
Intersection of STEAM & DH

Campus-wide
- DH Committee
- STEM Major
- Innovative Tech Committee

Departments
- Environmental Science & Arduino
- Physics & 3D printing
- Communications/Design & 3D printing
- Anthropology & Digital Storytelling
- Comp Sci/Psych & Robotics
What we’ve accomplished

- Tinker/Maker Resources
- DH Resources

Faculty Carnival

Day of Play
Where we are going

- Maplewood Library collaboration
- Tuscan Elementary collaboration
- Maker Party 2015 (participate in Mozilla event)
- Fall Workshops (Soft Launch)
- Lib Guide on Seton Hall Library site
Challenges

- Association of makerspace with DIY
- Generating interest among faculty AND students
- Logistics (hours available, staffing)
Q&A

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