A comparison of two 3D printing programs in academic library settings

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Adapted from presentation at 2016 SUNY Librarians Association Annual Conference – Binghamton, NY
Co-presented with Molly Higgins, former Health Sciences Librarian at Stony Brook Health Sciences Library
Embedded Librarians Integrating 3D Printing Technology into Master’s Level Health Science Courses

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The Project Begins

Librarians, Physical Therapy and Occupational Therapy faculty receiving training from Makerbot
Challenges & Lessons Learned
Successes
Successes
Successes

Member Spotlight: Jamie Saragossi

Jamie Saragossi
Health Sciences Collection Development and Outreach Librarian
Stony Brook University

I am Jamie Saragossi, currently I am the Health Sciences Collection Development and Outreach Librarian at Stony Brook University, NY. Prior to starting here at Stony Brook, I was the Chief Librarian at Touro College School of Health Sciences for several years. I worked as a marketing associate for a few years promoting book club memberships before deciding to go back to school for my MLS. I enjoyed working in the publishing space however I was missing the human element.

I knew I wanted to help people and interact with the public on a daily basis. I started at Touro College as a library assistant while I was in graduate school. I admired the dedication with which our students approached their studies. The health science students really commit themselves to their programs for several years. If they weren’t in class they were in the library morning, noon and night. I knew after one semester that I wanted to continue with health science librarianship. I want to provide our future health care providers with the information and research skills they need to be the best possible practitioners in the field.

Touro College serves several of the allied health programs including Physical Therapy and Occupational Therapy. Another librarian, Laurel Scheinfeld and I were looking for ways to integrate the library into those programs and promote our embedded librarian initiative. At the
Continuation
Plans:

• Roll out program into OT curriculum, incorporate at multiple sites.
• OT department written grant for additional printers and equipment
• Purchase of 3D scanner to create files in house.
• Creating parts for Enabling the Future (non-profit) prosthetics.
• Introduce technology additional programs on campus.
• Attend community events to showcase work.
Stony Brook Medicine

- 5 schools
- Stony Brook hospital
- Multiple research centers
- LISVH
- Undergraduate campus
The Innovation Lab

An on campus space where students can find the technology and collaborators to turn ideas into prototypes and prototypes into projects.
The pop up lab at Stony Brook HSL
Challenges
Successes
Pop-Up Innovation Lab Brings Entrepreneurial Spirit To East Campus

Posted by Reuven Pasternak, MD on March 11, 2016

Have you heard about the Innovation Lab at Stony Brook University?

The Innovation Lab is located in Harriman Hall, Room 210, on the SBU campus. It is a facility where a community of innovators from the College of Business, Research Technologies (part of Division of Information Technology), the Office for the Integration of Research, Education, and Professional Development (IREP), the College of Engineering and Applied Sciences, the College of Arts and Sciences and other Stony Brook departments, faculty and students can collaborate to develop ideas into actual products.

The facility will be a place where ideas/concepts become tangible prototypes and creativity flows amongst members. Members can utilize the tools provided by the lab for academic projects and personal growth. Their motto is "Think. Create. Innovate."

A pop-up version of the lab was recently featured on East Campus. The goal of the pop-up display was to bring innovation and an entrepreneurial spirit to East Campus, and to educate the broader campus community about what is occurring within the lab itself. It showcased 3D printed medical devices, new innovative technologies and a presentation about the lab itself.

Collaboration is critical for our success to allow innovators to be better exposed to all aspects of developing a startup company, each providing their own unique knowledge to assist and educate one another. To learn more about the Innovation Lab, visit www.stonybrook.edu/innovationlab

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Innovation Lab
http://www.stonybrook.edu/innovation/