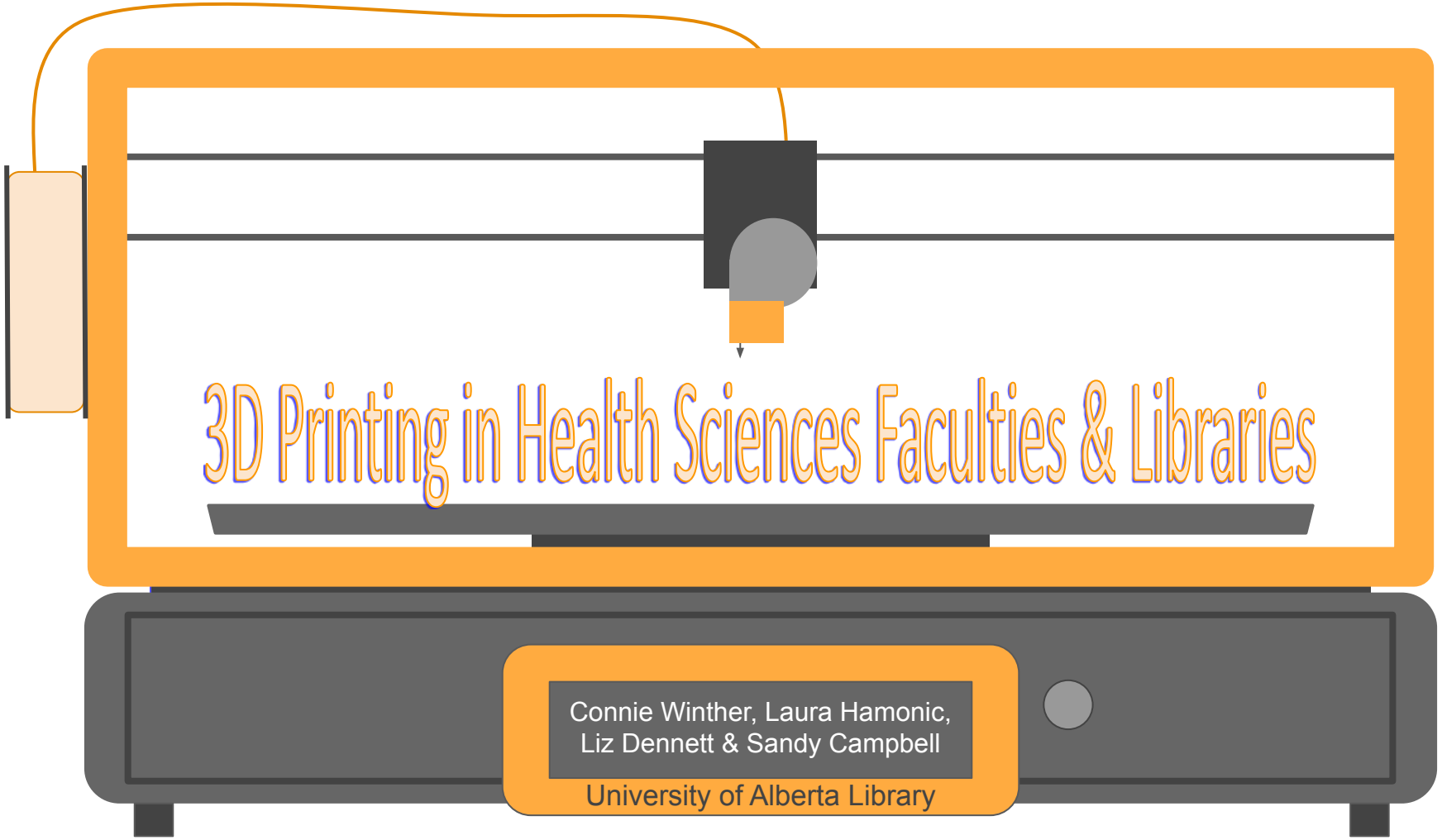


3D Printing in Health Sciences Faculties & Libraries

Connie Winther, Laura Hamonic,
Liz Dennett & Sandy Campbell

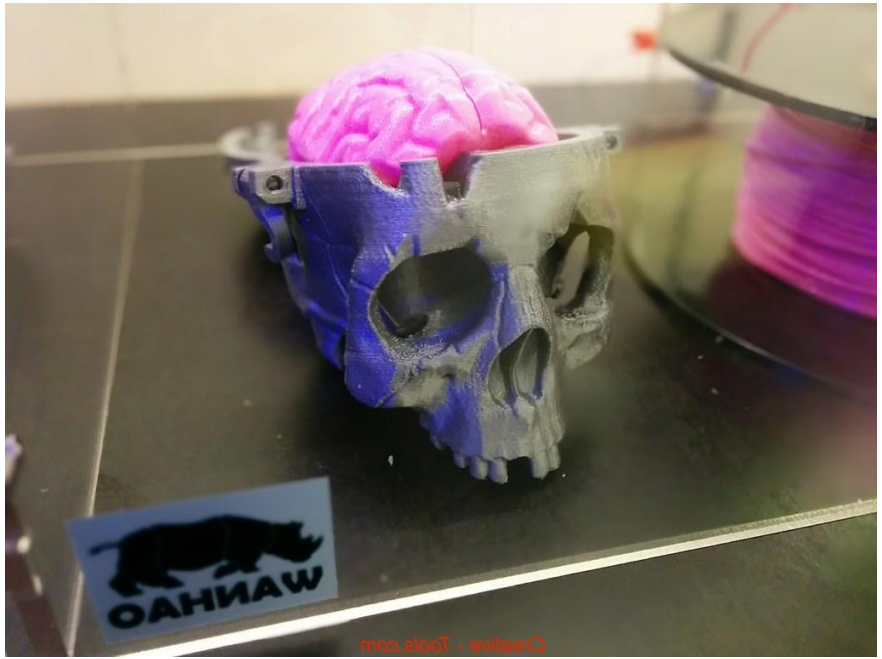
University of Alberta Library

UAL Open Ideas, December 2021

Questions

(1) What is the current state of 3D printing and scanning in health education in Canada?

(2) What is the current state of 3D printing and scanning within health science libraries?

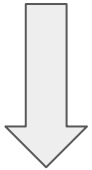


Methods

Comprehensive literature searches

3D printing in health education in Canada - 122 papers

3D printing in health libraries - 19 papers



Environmental Scan

Full Text

Medical Reference Services Quarterly

ISSN: 0276-3869 (Print) 1540-9597 (Online) Journal homepage: https://www.tandfonline.com/loi/wmrs20

A University-Wide Collaborative Effort to Designing a Makerspace at an Academic Health Sciences Library

Jennifer Herron & Kellie Kaneshiro

To cite this article: Jennifer Herron & Kellie Kaneshiro (2017) A University-Wide Collaborative Effort to Designing a Makerspace at an Academic Health Sciences Library, Medical Reference Services Quarterly, 36:1, 1-8, DOI: 10.1080/02763869.2017.1259878

To link to this article: https://doi.org/10.1080/02763869.2017.1259878

Published online: 23 Jan 2017.

DATA EXTRACTION

General information

Study ID

Title

Title of paper / abstract / report that data are extracted from

Lead author contact details

Notes

Characteristics of included studies

Type of Library

- ○ Academic
- ○ Hospital or health centre
- ○ Other

Clear above selection

Location of Printer

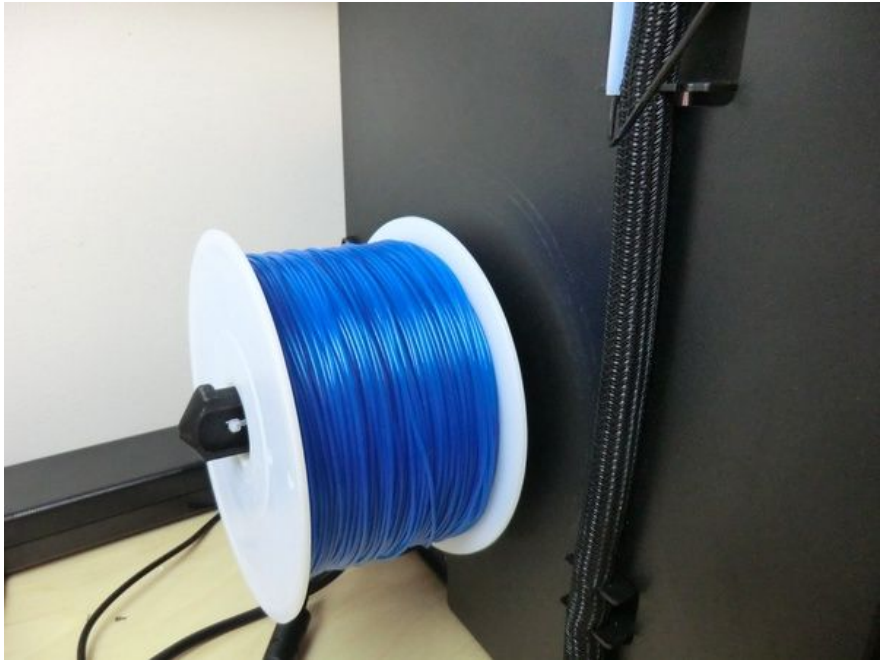
Preliminary observations: 3 D printing in health education

Preliminary observations: 3 D printing in health education

- Printed objects for procedural training
- Prototypes of original medical devices
- Functional objects

Next steps

- Finalize literature review extraction
- Synthesize extraction information
- Determine criteria and scope of environmental scan



"Question mark in Esbjerg" by alexanderdrachmann is licensed under CC BY-SA 2.0

Contact us

Connie Winther

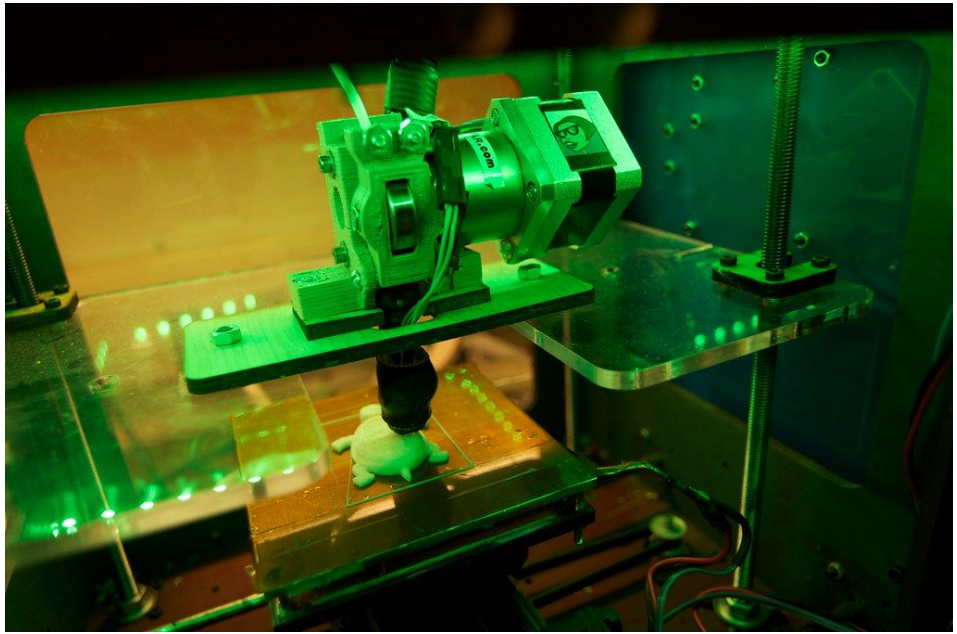
cwinther@ualberta.ca

Laura Hamonic

lhamonic@ualberta.ca

"3D Printer at the Fab Lab" by kakissel

is licensed under CC BY 2.0



https://search.creativecommons.org/photos/9bd4aa7e-c074-4ebd-95f1-6111a7890b95

"Zortrax M200 3D printer" by

Creative Tools is licensed under

CC BY 2.0

https://search.creativecommons.org/photos/fa93b2c7-10c5-4799-b6c2-338c3a28281f