Summer Undergraduate ADDFab (3D Printing) Internship

UMass Amherst operates more than 30 core facilities, many of which are housed in the Life Sciences Laboratory (LSL) building which opened in October of 2016. The facilities advance the Institute's goals to support high quality research and to enhance human health and well-being. The overall Core Facility infrastructure was made possible by a grant from the Massachusetts Life Science Center.

Description:
The Advanced Digital Design & Fabrication (ADDFab) Facility on campus is seeking a summer intern to assist with the following:

- Day-to-day operations of the Advanced Digital Design & Fabrication lab
- Operate and maintain 3D printers
- Setting up print jobs in software, including part orientation and supports design
- Initiating and removing jobs on the printers
- Performing routine maintenance activities
- Design parts for demonstration that illustrate the unique strengths of additive manufacturing

More information about the facility is available here: http://www.umass.edu/ials/addfab

Qualifications:
No previous experience with 3D printing is required, but an interest in the topic and enthusiasm for the technology is necessary. Must be comfortable using 3D computer modeling software, working with machinery and using hand tools.

All mandatory lab and safety trainings to be completed before the start of the internship on July 1, 2018.

Training will be provided by UMass EH&S and the ADDFab director, Dave Follette.

Workload:
30 hours a week – starting July 1, 2018

Compensation:
$15/hour

Number of openings:
One

Any questions about the internship should be directed to nsampath@umass.edu

Please submit cover letter, resume, and one reference contact information, to cberrena@umass.edu by February 28 for priority consideration. In the subject line mention: ADDFab Summer (your Last Name, First Name).