



The Office of Research for Medical Students

Research Project

Project Title:

Applications of 3D printing and virtual reality in medicine

Date of request: 04/14/2025

Contact Information

Full Name: Markus Lammle, MD
Title: CLINICAL ASSOC PR HS
Department: Radiology
Phone number: 315 464 7029
Office: UH 3523
Email: lammlem@upstate.edu

Research Project

This collaborative research project involves segmentation of 3D imaging data sets using a post-processing software and 3D visualization using anatomical or functional Imaging modalities and the use for virtual reality, and 3D printing for different medical indications.

Research Location: Flexible

Tele-research/remote opportunity? Yes

Will it require student to be physically present in the research location: No

Type of research: Educational

Summer project? Yes

Long-term project: Yes

Availability required to work on your project(s):

Flexible. Short term, summer and long-term projects supported

Prior experience or specific skills required to work on your project(s):

None