



The Office of Research for Medical Students

Research Project

Project Title:

Holographic Imaging and 3D Virtual Reality in Medicine

Date of request: 06/30/2026

Contact Information

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Resident? No

Research Project

This Is a great opportunity to explore the virtual space of medicine, to include anatomy and advanced imaging applications using cutting technology for holographic imaging based on CT and MRI scans for Advanced clinical applications to include procedure planning, simulations and virtual procedures.

Research Location: Upstate Medical

Tele-research/remote opportunity? Yes

Will it require student to be physically present in the research location: Yes

Type of research: Clinical

Summer project? Yes

Long-term project: Yes

Availability required to work on your project(s):

Flexible. Short term, summer and long term.

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

Interest in 3D imaging and holographic visualization.

Interest in working with Microsoft Hololens 2 and Apple Vision Pro.