



The Office of Research for Medical Students

Research Project

Project Title:

Integrating AI and computational pathology for data-driven precision cancer research

Date of request: 09/12/2025

Contact Information

Full Name: Tamara Jamaspishvili, MD/PHD

Title: RESCH ASSOC PROF-HS

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Resident? No

Research Project

Our research uses computational pathology, pathology image analysis, and AI-driven approaches to build prognostic and predictive tools for lung and prostate cancer patients. The students will have the opportunity to contribute to cutting-edge cancer research at the intersection of pathology, artificial intelligence, and translational medicine. They will actively be engaged in data collection, advanced image analysis using AI tools, and learning statistics for medical research.

Research Location: University Hospital, Department of Pathology, SUNY

Tele-research/remote opportunity? Yes

Will it require students to be physically present in the research location: YES

Type of research: Translational

Summer project? Yes

Long-term project: Yes

Availability required to work on your project(s):

at least 4-5 hours per week

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

medical chart review,
understanding of oncology,
basic statistics (SPSS knowledge),
and programming skills preferred but not required (R, Python)