



*The Office of Research for Medical Students*

### Research Project

#### Project Title:

(In)Accuracy of Electronic Captioning of Medical Terminology

**Date of request:** 01/20/2026

#### Contact Information

**Full Name:** Rebecca Greenblatt, PHD

**Title:** RESCH ASSOC PROF-HS

**Department:** Microbiology & Immunology

**Phone number:** 315 464 7698

**Office:** WH 2237C

**Email:** greenblr@upstate.edu

**Resident?** No

### Research Project

This would be a short project that could be completed independently by a small group of students. The researchers would arrange access to 4-5 medical transcription software programs and develop a list of ~25 medical terms that are commonly misinterpreted by software. They would arrange for 5-10 people to pronounce each of the terms and collect data about the different systems' accuracy and the types of misinterpretation that arise. The team would write up the results for publication in the short-project journal PRIMER.

**Research Location:**

**Tele-research/remote opportunity? YES**

**Will it require students to be physically present in the research location: NO**

**Type of research: COMPUTATIONAL**

**Summer project? Yes**

**Long-term project: NO**

**Availability required to work on your project(s):**

Flexible scheduling; would likely be easiest for a team remaining on campus during their summer break.

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

No