

BME Undergraduate Research Internship 2024-25

Name of Supervisor	Project Title	Short Description of the Project	Period of Internship	Project Vacancy
Prof Alan LI	Development of joint-on-a-chip systems	1) Obtaining consent from patients to undergo total joint arthroplasty at PWH 2) Assisting PhD students & postdocs with cell isolation from joint tissues 3) Engineering tissue components for the joint-on-a-chip system	April 2025 to Dec 2026	2
Prof Scott YUAN	Development of ultrathin intravascular fiberscope	This project aims to develop a fiberscope of diameter less than 400 um for imaging in capillary.	May 2025 - Aug 2025	1