

**Faculty Name:**

Samuel Sia

**Faculty Email:**

ss2735@columbia.edu

**Lab:**

Molecular and Microscale Bioengineering Laboratory of Samuel Sia

**Project Title:**

Drug release hydrogels to improve wound healing

**Description:**

Student will work closely with a graduate student on an independent project for a wearable patch to improve wound healing. Student will work with hydrogels and drug release, as well as characterization with actuation methods involving a small degree of knowledge in electronics and software.

**Location of Research:**

On Site

**# of hrs/week:**

20

**Department/Program:**

Biomedical Engineering

**Eligibility:**

BS, First Year, BS, Second Year, BS, Third Year, BS, Fourth Year, MS

**To apply, please contact:**

Samuel Sia ss2735@columbia.edu