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