

# Summer Research Fellowship Proposal for 2020

---

## ***FACULTY INFORMATION:***

**NAME:** Julia Liu

**DEPARTMENT:** Medicine/Physiology

**LOCATION:** Biomed 1 208

---

## ***PROJECT INFORMATION:***

**TITLE:** Inflammatory cell death in the development of leaky gut

**LOCATION OF THE PROJECT:** Biomed 1 208

## **BRIEF DESCRIPTION OF THE PROJECT:**

The student will work on detection of inflammatory cell death called pyroptosis in the gut to understand how it contributes to leaky gut and colitis.

## **STUDENT'S RESPONSIBILITIES-DUTIES IN THE PROPOSED PROJECT:**

Immunohistochemical staining, Western blot analysis

**ESTIMATED TIME FOR PROJECT COMPLETION:** \_\_ 8-10 \_\_ weeks

**DOES THE WORK INVOLVE ANIMAL RESEARCH?** YES -----

NO ---X-----