

Seeking Undergraduate Students for a Research Internship within UW Medicine's Division of Rheumatology

Research Project Name: immune-related Adverse Events (irAEs) in Patients with Rheumatic Diseases

Description. Several new therapies for treatment of cancer called immunotherapy have revolutionized the field of oncology and led to longer patient survival. However, a side-effect of these therapies is that they can cause autoimmune side-effects called immune related adverse events (irAEs). One such example is immune-mediated inflammatory arthritis (ir-IA). The UW Division of Rheumatology pursues translational research using human samples from rheumatology patients with irAEs to gain a better understanding of mechanisms and potential therapies for these conditions. These human samples are linked to clinical data regarding the patient's disease, all of which is managed in a RedCap database. We need assistance in maintaining the database and ensuring clinical data is well-linked to human sample data. We are interested in measuring the clinical outcomes for patients with rheumatic irAEs who are enrolled in this database and determine the predictors of developing them, best ways to manage these side-effects and understand their mechanisms.

The role/task for the student(s) include the following:

- Chart review using the electronic medical record
- Data entry into database (RedCap)
- Administrative tasks

Student Learning Benefits:

- Student(s) will gain exposure to clinical outpatient and inpatient medicine
- Student(s) will learn how translational research is integrated in clinical care and gain familiarity with utilizing the RedCap database
- Student(s) will gain experience working with electronic medical record (EMR) platforms Epic and Cerner/PowerChart.
- Student(s) will gain exposure to rheumatology clinicians and researchers
- We are also willing to mentor the student(s) for any self-initiated project utilizing the database to answer a clinical question
- Students will have the opportunity to earn a minimum of 2 and a maximum of 10 **BIOL 399** credits (Please note – this is a for-credit, unpaid internship - the number of credits earned depends on the number of hours worked per week)
- Letter of recommendation from a UW Medicine Faculty member

Minimum Requirements:

- Flexible hours, minimum 6 hrs/wk
- **This project is best suited for students interested in pursuing a career in the medical field** (i.e. medicine, pharmacy, nursing, etc).

Preferred:

- Ability to start internship during the summer quarter (~start date around June 21st, if possible, but open to applicants who could not start until Autumn Quarter 2022 as well)

Internship Coordinator: Cara Currier and Dr. Namrata Singh

How to Apply: Please email a statement of experience and/or resume to RheumResearch@medicine.washington.edu by **5:00pm on Friday, June 17th**. Please list in the subject line of your email which research internship you are applying for, as we are recruiting for two different projects in Rheumatology