

OCHSNER - UNIVERSITY OF NEW ORLEANS

COLLABORATIVE UNDERGRADUATE RESEARCH EXPERIENCE

DESCRIPTION:

The Ochsner (www.ochsner.org) and UNO College of Sciences (cos.uno.edu) **Collaborative Undergraduate Research Experience (CURE)** is a summer research internship program providing young scientists with hands-on experience working in high-functioning medical research labs at Ochsner. Work will be conducted over a six-week period from May 18—June 26, 2020. Interns selected for the program will receive a \$2500 stipend. In addition to working on a specified research project, interns will be paired with a physician or PhD for one-on-one mentoring, attend medical student lectures and grand rounds, and participate in other professional development activities. It is expected that the research project will result in a presentation and abstract publication.

POTENTIAL RESEARCH PROJECTS:

1. *Institute of Translational Research, Neuroscience Laboratory:* MicroRNA Regulation of Inflammation in Intracerebral Hemorrhage and Seizure
2. *Institute of Translational Research, Infectious Disease Laboratory:* In Vitro Interaction of Cranberry Proanthocyanidin and Doxycycline Against Escherichia Coli
3. *Institute of Translational Research, Nephrology Laboratory:* The Role of Amino-peptidase A in the Progression of Chronic Kidney Disease and the Loss of Glomerular Podocytes
4. *Institute of Translational Research:* Analysis of α -Activated T Cell Biomarkers in Humanized Immune System Mice with Colon Cancer or Renal Cell Carcinoma
5. *Institute of Translational Research, Transplant Laboratory:* Immune Inflammatory Biomarkers After Primary Treatment in Early Stage HCC Patients: Associations with Treatment Outcomes
6. *Institute of Translational Research:* Effect of Fat-Diet Induced Obesity on Lupus Auto-immunity

REQUIREMENTS

Applicants must be rising sophomores, juniors, and seniors in Biological Sciences or the Pre-medical program at UNO. Graduating seniors and post-baccalaureates are not eligible. Those selected for a position will be required to take a urine drug test at Ochsner.

CURE Orientation:
May 5, 2020 @ 9am

Those selected for a position must attend this mandatory orientation.

HOW TO APPLY:

For more information and to submit an application:

www.uno.edu/academics/cos/undergraduate-research

Applications due by: Sunday, March 1, 2020

QUESTIONS:

Contact: sciences@uno.edu

