

# OCHSNER - UNIVERSITY OF NEW ORLEANS COLLABORATIVE UNDERGRADUATE RESEARCH EXPERIENCE

## DESCRIPTION:

The Ochsner ([www.ochsner.org](http://www.ochsner.org)) and UNO College of Sciences ([cos.uno.edu](http://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 23—July 1, 2022. 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. *ITR Nephrology Lab*: Identification and validation of novel protein biomarkers in urinary casts to assess kidney function and disease
2. *ITR Neuroscience Lab*: MicroRNA Regulation of Inflammation in Intracerebral Hemorrhage and Seizure
3. *ITR Infectious Disease Lab*: Evaluation of Colistin Broth Disk Elution and ETEST Compared to Broth Microdilution
4. *ITR Cancer Lab*: Effect of experimental combination therapies on human kidney cancer in mice with human immune systems
5. *ITR Rheumatology Lab*: Identification of the key link between obesity and T cell-mediated autoimmune disease in lupus prone mice

## 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. If selected, a background check, drug screening, and proof of health immunizations will be required.

## CURE Orientation:

**May 16, 2022 @ 12pm - 1pm**

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](http://www.uno.edu/academics/cos/undergraduate-research)

**Applications due by: Monday, March 7, 2022**

## QUESTIONS:

**Contact:** [sciences@uno.edu](mailto:sciences@uno.edu)

