

# 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 22—June 30, 2023. Interns selected for the program will receive a \$2500 student research position. In addition to working on a specified research project, interns will be paired with a physician or PhD for one-on-one mentoring 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 Biomarkers of Seizure Post Intracerebral Hemorrhagic Stroke
3. *ITR Infectious Disease Lab*: *In vitro* Interaction of Omadacycline and Other Tetracyclines in Combination with Sulbactam against Carbapenem-resistant *Acinetobacter baumannii*
4. *ITR Cancer Lab*: Testing combinations of chemotherapies on kidney cancer in mice with human immune systems.
5. *ITR Rheumatology Lab*: The Role of Tfh Population in a Collagen-Induced Arthritis Mouse Model

## 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 15, 2023 @ 12pm - 1pm**

Those selected for a position must attend this mandatory pre-program meeting.

## 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: Wednesday, March 1, 2023

## QUESTIONS:

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

