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 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

**HOW TO APPLY:**

For more information and to submit an application: www.uno.edu/academics/cos/undergraduate-research

Applications due by: Wednesday, March 1, 2023

**QUESTIONS:**

Contact: sciences@uno.edu

**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.