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 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

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

Applications due by: Monday, March 7, 2022

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 16, 2022 @ 12pm - 1pm
Those selected for a position must attend this mandatory orientation.