DESCRIPTION:
The UNO College of Sciences (cos.uno.edu) and Ochsner’s (www.ochsner.org) summer research internship program provides 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 29—July 10, 2018. 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:

♦ Project 1: Transplant Laboratory
  Interns may use a combination of clinical data, patient-derived specimens, and animal models to study how hepatocellular carcinoma and cirrhosis influence key immune populations which can block anti-tumor immune response.

♦ Project 2: Translational Cancer Research Laboratory
  Interns will be required to master background knowledge and techniques including mammalian cell culture, assisting in human tumorigenesis in mouse model studies, and immunohistochemistry staining with frozen and paraffin embedded tissue sections.

♦ Project 3: Infectious Disease Laboratory
  Interns will learn to compare results from time-kill studies to Etest synergy methods and will be introduced to sterile techniques including normal collection, subculture, freezer storage, and processing of bacterial isolates.

For more information, including descriptions of potential research projects: http://www.uno.edu/cos/undergraduate-research.aspx

Questions: 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.

Those selected for a position will be required to take a urine drug test at Ochsner.

HOW TO APPLY:
Complete the internship application at: https://goo.gl/forms/qdx6fihtb7HHaM8j1

Applications are due by: March 23, 2018