



**COLLEGE OF MEDICINE  
AND LIFE SCIENCES**

THE UNIVERSITY OF TOLEDO

**RESEARCH OPPORTUNITY**

Title:	<ul style="list-style-type: none"> <li>▪ <b>Inflammatory and Free Radical Biology Laboratory</b></li> <li>▪ <b>Environmental Toxicology and Health Laboratory</b></li> </ul>
Department & Division:	Department of Medicine, Division of Cardiovascular Medicine
Type of Research:	Translational Medical Science/Basic Medical Science
Location:	Health Education Building, Room 205
Website:	<a href="https://www.utoledo.edu/med/research/kennedy/">https://www.utoledo.edu/med/research/kennedy/</a>
Funding:	NIH, NOAA, NSF, State of Ohio, Philanthropy
Research Description:	Our lab studies how interrelated organ systems such as heart, kidney and liver regulate cellular damage (particularly inflammation and fibrosis) and repair during the course of chronic ailments such as heart failure, hypertension, diabetes, obesity and chronic kidney disease. We are particularly interested in developing new preventative and therapeutic strategies to help people suffering from these diseases through establishing novel biomarkers and molecular diagnostics to assist risk stratification as well as identifying new drugs and drug targets and enhancing endogenous counter-regulatory mechanisms. Given our community's ties to and dependence on the Great Lakes as a source of clean water for drinking, recreation, fishing and agriculture, our laboratory also places a special emphasis on discovering new diagnostic, preventative and therapeutic strategies targeting cellular damage caused by environmental stressors that impair our land-water-food nexus.
Positions Available:	Name & Email
Fellow/Resident	
Medical Students	
Graduate Students	
Undergraduate Students	
Additional Notes:	The number of learners approved for this research opportunity will be determined based on the number and type of requests.

**CONTACTS**

APPLICATION PROCESS

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RESEARCH PRIMARY

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