Dr. Denise Danos, PhD
Assistant Professor, Research – Behavioral and Community Health Sciences

Education

Louisiana State University	B.S.	2004	Mathematics
Louisiana State University	Master of Applied Statistics	2007	Applied Statistics
LSU Health New Orleans	Ph.D.	2016	Biostatistics
LSU Health New Orleans	Post doctorate	2019	Epidemiology

Dr. Denise Danos is an assistant professor of research in behavioral and community health sciences with experience in both academic and government sectors.

Her focus is experimental design and data analysis in observational human subjects' research, with expertise in large scale data collection and consolidation, generalized linear models, and multilevel models. As an academic researcher, Dr. Danos has focused on leveraging contemporary population-based data sources and applied statistical methodology to further the understanding of area-based social determinants of health disparities. In addition to public health research, she collaborates with the LSU School of Medicine, providing statistical support for research. In this role, she consults with surgeons regarding study design, power and sample size calculation, statistical analyses, and dissemination of results.

For her postdoctoral fellowship, she was part of a research team studying social determinants of health at the neighborhood level. She developed computation and application of region-specific social indicators to measure both social (e.g., concentrated disadvantage, segregation) and built (e.g. food, alcohol, walkability) environments.

Her research includes ongoing transdisciplinary collaborations investigating neighborhood environmental risks associated with selected inflammatory cancers in Louisiana. In this role, she has also identified clinical phenotypes related to obesity and other metabolic conditions from electronic medical records.