

OBSTETRICS AND GYNECOLOGY, DIVISION OF MATERNAL-FETAL MEDICINE
MEDICINE

SUMMER RESEARCH OPPORTUNITIES FOR UNDERGRADUATE students

FOR APPLICATION YEAR: 2025

PROJECT TITLE: Social Determinants of Prematurity

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Project Description

Social determinants of health (SDOH) are the non-medical factors that influence health outcomes. They are the conditions in which people are born, grow, live, work, and age, and they shape the broader forces that affect daily life and well-being. These determinants include socioeconomic, environmental, and cultural factors, as well as policies and systems that impact access to opportunities and resources. SDOH drives numerous healthcare outcomes, however the specific social drivers of preterm birth, and particularly, extreme preterm birth, are unexplored. As part of an ongoing cohort of pregnant patients in Hamilton county, this student will perform structured interviews on postpartum patients at the University of Cincinnati Medical Center and this data will be incorporated into a larger cohort of postpartum patient interviews. Subsequently, SDOH will be compared between patients that did and did not experience an extreme preterm birth. Students will learn how to consent patients, how to perform structured interviews, and how to use and access a REDCap Database. They will learn basic statistics.