

Summer Research Fellowship Proposal for 2020

FACULTY INFORMATION:

NAME: Taren Swindle

DEPARTMENT: Family and Preventive Medicine

LOCATION: Family Medicine Building

PROJECT INFORMATION:

TITLE: Implementation of Nutrition and Physical Activity Interventions in Community

LOCATION OF THE PROJECT: Family and Preventive Medicine

BRIEF DESCRIPTION OF THE PROJECT:

Our research team focuses on implementation of evidence-based practices and interventions for nutrition promotion and physical activity in community settings with an emphasis on early care and education (ECE) settings. Current projects include a randomized control trial to compare outcomes of two implementation approaches for the Together We Inspire Smart Eating (WISE) intervention, a quasi-experimental study to evaluate de-implementation of detrimental feeding practices, and pilot study projects aimed to implement physical activity interventions for expecting mothers and children with risk for developing obesity. The team will also be preparing for a cross-sectional survey project to understand sustainability of physical activity and nutrition interventions in ECE. Opportunities for student research include qualitative analysis of in-depth interviews aimed to understand implementation processes of ongoing community-based implementation studies as well as quantitative analysis of observational and survey data.

STUDENT'S RESPONSIBILITIES-DUTIES IN THE PROPOSED PROJECT:

Students working on the project will be expected to complete online CITI training before working directly with study information. Following training, students may engage in the following:

- Qualitative coding of in-depth interviews using implementation science theories and frameworks.
- Quantitative analysis of classroom observations, educator surveys, and/or child outcomes (e.g., BMI) to evaluate ongoing interventions.
- Preliminary research for sustainability study (e.g., literature review)
- Data management tasks under the direction of the study coordinator (e.g., data cleaning)
- Assistance with writing projects under supervision of principal investigator

The student researcher will provide respect and humility toward all study participants and community stakeholders. Relevant community engagement activities are appreciated.

ESTIMATED TIME FOR PROJECT COMPLETION: 6 weeks (minimum). We would be pleased to provide the student with experiences to advance their experiences and our project for the full duration of the summer or the extent the program allows.

DOES THE WORK INVOLVE ANIMAL RESEARCH? YES -----
NO **X**-----