

## **SURP Short Description of the Research Project in FSN department**

### **NUTRITION**

#### **2019**

Assessment of Biomarkers for Prediction of Gestational Diabetes Occurrence

Investigation of Food Intake Biomarkers on Validating Dietary Questionnaires

Ultra-Processed Diets Cause Excess Calorie Intake and Weight Gain: What does MyPlate Say?

The Influence of Strawberry Supplementation on Voluntary and Regular Fruit Consumption

Does the daily consumption of freeze-dried strawberry powder (~1 serving/day) improve dietary intake of macro and micronutrients in postmenopausal women?

Investigation of Avocado Oil nutritional utilization in the modulation of T2DM risk and management improvement

Assessing Modulation of Type 2 Diabetes Mellitus (T2DM) Risk by Dietary Wild Red Raspberries (*Rubus idaeus*) in the Obese Zucker Rat Model"

#### **2018**

Effect of probiotic and high fructose supplementation in pediatric NAFLD and early weaning pigs

Utilization of metabolomics analyses to investigate biomarkers of gestational diabetes mellitus

Relevance of the NOVA food classification system to US nutrition research

Food insecurity in higher education settings

Malawi secondary analysis, literature search, manuscript writing

Malawi secondary analysis, literature search, manuscript writing

Take CHARGE with Strawberries

#### **2017**

CalFresh Outreach Project

Strategies for effective mobile-friendly behavioral health interventions

Lipid Mediator Response to Fasting and Insulin in a Large Mammal Model of Metabolic Syndrome

Utilization of targeted metabolomics to investigate the impact of vitamin A supplementation of women in Western Samar, Phillipines

Adherence to Nutritional Intervention in Moderately Malnourished Pregnant Women in Malawi

#### **2016**

Food Group Classification and Impact on Public Health

Improving culinary self-efficacy among adolescents in an afterschool setting

Health and Wellness of Cal Poly Faculty and Staff

Effects of Nutritional Intervention in Moderately Malnourished Pregnant Teenagers in Malawi