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DATE RECEIVED: 09/03/2024

DATE APPROVED: 09/03/2024

FILE NUMBER: #24-090

APPLICATION FOR STATISTICAL CONSULTING

LAST NAME: ZHAO

FIRST NAME: YIFEI

DEPARTMENT (full name): School of Nursing
Nursing

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YOUR PRIMARY POSITION AT PURDUE: PharmD or DNP Student

Other:

(if a student) MAJOR PROFESSOR LAST NAME: Ding

FIRST NAME: Qinglan

PHONE NUMBER: 765-496-6274

MAJOR PROFESSOR CAMPUS ADDRESS (BLDG & DEPT): School of Nursing / Johnson Hall of Nursing

MAJOR PROFESSOR EMAIL: QinglanDing@purdue.edu

HOW DID YOU FIND US: Recommendation of my advisor or committee member

LIST STATISTICS COURSES TAKEN AND STATISTICAL COMPUTING EXPERIENCE: Have taken STAT 301 and
have limited experience with SPSS

STAGE OF RESEARCH: Design (no data collected yet)

IF DESIGN STAGE IS COMPLETE, WAS A STATISTICIAN CONSULTED FOR DESIGN?

PREVIOUS CONSULTANT – INSTITUTION/DEPARTMENT:

ESTIMATED NUMBER OF CONSULTING HOURS NEEDED THIS SEMESTER: 5 - 15 hours

EXPECTED COMPLETION DATE OF PROJECT: 5/31/2025

IMPORTANT DEADLINE OR DUE DATES RELATED TO YOUR PROJECT: Need to submit IRB by December

THE RESULTS OF THIS RESEARCH WILL PROBABLY BE PUBLISHED AS:

DNP Project

IS THIS RESEARCH SUPPORTED BY A GRANT OR CONTRACT? No

If so, give grant/contract title:

GIVE A BRIEF DESCRIPTION OF YOUR RESEARCH INCLUDING:

PURPOSE:

The goal of this DNP project is to increase awareness on heart health in relation to dietary habits among young adults who aged between 20-39 years old. Since the prevalence of cardiovascular diseases (CVDs) among young adults has been a subject of increasing concern in recent years, primarily due to lifestyle factors such as sedentary lifestyles and poor dietary habits. Cardiovascular health is significantly influenced by elevated cholesterol levels. Excessive cholesterol level will result in the buildup of plaque in the arteries and an elevated risk of heart attack and stroke. A nutritious diet is essential for the maintenance of healthy cholesterol levels and the promotion of cardiac health. Individuals can effectively reduce their risk of cardiovascular diseases, improve HDL cholesterol, and lower LDL cholesterol by making informed dietary choices.

DESCRIPTION OF VARIABLES TO BE MEASURED:

It seems like an intervention study design. We will recruit participants aged 20-39 years old. Ask them to fill out a pre mini-EAT screening form, and then enroll in the educational program for a few weeks, then post mini-EAT screening form will be done and analyzed.

RESEARCH QUESTIONS THAT YOU WANT TO ADDRESS USING STATISTICAL METHODS:

My current research question is: Is an interactive website-based educational intervention program on cholesterol knowledge and healthy dietary pattern guidance effective in improving healthy eating behaviors by conducting a mini-EAT assessment among young adults aged 20-39 years old? I was wondering if I will need a comparison group or not?

STATISTICAL ISSUES:

I want to discuss about sample size, analysis method, variables (such as demographic factors) that I could add in my study.

ADDITIONAL INFORMATION YOU THINK WOULD BE HELPFUL:

ATTACHMENTS:

No attachment

