

FOR OFFICE USE ONLY

DATE RECEIVED: **10/03/2024**

DATE APPROVED: **10/03/2024**

FILE NUMBER: **#24-109**

APPLICATION FOR STATISTICAL CONSULTING

LAST NAME: **Shields**

FIRST NAME: **Kara**

DEPARTMENT (full name): **Nutrition Science**

CAMPUS MAILING ADDRESS: **Stone Hall**

PHONE: **7792055405**

EMAIL ADDRESS: **shield23@purdue.edu**

YOUR PRIMARY POSITION AT PURDUE: **Undergraduate Student**

Other:

(if a student) MAJOR PROFESSOR LAST NAME: **Kistler** FIRST NAME: **Brandon**

PHONE NUMBER: **7654945406**

MAJOR PROFESSOR CAMPUS ADDRESS (BLDG & DEPT): **Nutrition Science / Stone Hall**

MAJOR PROFESSOR EMAIL: **bmkistle@purdue.edu**

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

LIST STATISTICS COURSES TAKEN AND STATISTICAL COMPUTING EXPERIENCE: **Stats 301 right now**

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 hours**

EXPECTED COMPLETION DATE OF PROJECT: **11/4/2024**

IMPORTANT DEADLINE OR DUE DATES RELATED TO YOUR PROJECT: **We are conducting a survey of categorical data and are trying to determine a power analysis for a grant application**

THE RESULTS OF THIS RESEARCH WILL PROBABLY BE PUBLISHED AS:

Journal Article, Grant Proposal, Other Undergraduate honors thesis

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:

This is a survey of inpatient dietitians to see how they handle people with chronic kidney disease. The data is mostly descriptive, but we are looking to compare data (categorical) by training and practice

setting. We are looking for a power analysis to support a grant application and not confident in ability to do this for a survey.

DESCRIPTION OF VARIABLES TO BE MEASURED:

https://purdue.yul1.qualtrics.com/jfe/preview/previewId/4ffe4441-5969-4951-b882-388b4403c0e5/SV_1ZY3kV8keWV3Ato?Q_CHL=preview&Q_SurveyVersionID=current

Continuous variable will be binned into meaningful categories based on responses.

RESEARCH QUESTIONS THAT YOU WANT TO ADDRESS USING STATISTICAL METHODS:

Power analysis

STATISTICAL ISSUES:

Power analysis and perhaps double checking out analysis plan.

ADDITIONAL INFORMATION YOU THINK WOULD BE HELPFUL:

ATTACHMENTS:

No Attachment

