

FOR OFFICE USE ONLY

DATE RECEIVED: **07/03/2024**

DATE APPROVED: **07/03/2024**

FILE NUMBER: **#24-064**

APPLICATION FOR STATISTICAL CONSULTING

LAST NAME: **Mayhook**

FIRST NAME: **Zoeanna**

DEPARTMENT (full name): **Libraries**

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YOUR PRIMARY POSITION AT PURDUE: **Faculty**

Other:

(if a student) MAJOR PROFESSOR LAST NAME: FIRST NAME:

PHONE NUMBER:

MAJOR PROFESSOR CAMPUS ADDRESS (BLDG & DEPT): /

MAJOR PROFESSOR EMAIL:

HOW DID YOU FIND US: **I've used the consulting service before**

LIST STATISTICS COURSES TAKEN AND STATISTICAL COMPUTING EXPERIENCE: **Took Introductory Business Statistics in college (2010 & 2014). I am mostly comfortable with Excel, but have dabbled with SPSS and R.**

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: **12/6/2024**

IMPORTANT DEADLINE OR DUE DATES RELATED TO YOUR PROJECT:

THE RESULTS OF THIS RESEARCH WILL PROBABLY BE PUBLISHED AS:

Journal Article, Other Mentoring undergraduate honors 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:

I am mentoring an undergraduate honors project, which we are hoping to publish in a journal article in the future. This research project explores the specific benefits that undergraduate students attribute to their involvement with case competitions with a finance component.

DESCRIPTION OF VARIABLES TO BE MEASURED:

The study explores the perceived academic and professional benefits of participating in case competitions using a post/retrospective survey design. The survey includes a mix of Likert Scale, select all that apply, and multiple choice questions.

The draft survey can be found here: https://purdue.ca1.qualtrics.com/jfe/form/SV_eD2LfCJ43gexW3s

RESEARCH QUESTIONS THAT YOU WANT TO ADDRESS USING STATISTICAL METHODS:

What specific academic benefits do undergraduate students attribute to their involvement in case competitions with a finance component.

STATISTICAL ISSUES:

We would like to talk through the survey design to see if there are any glaring issues. We also want to see what types of options are recommended for significance testing and whether we need to change the question phrasing or format to help this process. We will likely do a mix of descriptive statistics and chi square analyses. The student I am working with also has contacts at other schools, and if we have a largest enough sample, we could potential do t-tests with the different population samples.

ADDITIONAL INFORMATION YOU THINK WOULD BE HELPFUL:

ATTACHMENTS:

Attachment in Clients Folder

