Elizabeth Schultheis

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EDUCATION

Case Western Reserve University, Cleveland, OH   **Present – August 2024**
Master of Science, Biostatistics
- Concentration: Social and Behavioral Science
- GPA: 4.0
- Relevant Coursework: Qualitative and Mixed Methods, Data Management, Epidemiology, Statistical Methods

Kent State University, Kent, OH   **May 2023**
Bachelor of Science in Psychology
- GPA: 3.8, Magna Cum Laude
- Relavent Coursework: Calculus I, Applied Linear Algebra, Applied Statistics, Quantitative Methods in Psychology I & II, Biopsychology, and Cognitive Neuroscience

CERTIFICATIONS

CITI Certification, CITI Program   **February 2022**
SAS Certified Associate: Programming Fundamentals Using SAS 9.4, SAS   **December 2023**

REASEACH EXPERIENCE

Undergraduate Research Assistant   **February – May 2022**
Department of Psychology, Kent State University – Kent, OH
- Administered the MMRI-3, a clinical personality test, to participants to be able to apply the scores to various settings and circumstances.
- Documented data relating to participants' testing
- Assisted with participants' needs to ensure a smooth and accurate testing environment
- Communicated problems and progress with fellow colleagues regarding testing

ACADEMIC PROJECTS

Qualitative Study Design, *Qualitative and Mixed Methods*, Case Western Reserve University
                    November – December 2023
- Created a qualitative study design proposal based on a chosen public health topic following Dr. Tong's COREQ guidelines
- Incorporated a comprehensive literature review and a detailed methodology section
- Within the methodology, aspects such as sample selection, analysis plan, and potential interview questions were addressed

Assessing the Risk of C.O.P.D. Utilizing Smoking Habits and Asthma, *Statistical Methods II*, Case Western Reserve University   **February – March 2024**
- Developed and analyzed both linear and logistic regression models using RStudio
- Cleaned and managed chosen data for chosen data of the analyses
- Compared models within the linear and logistic regressions model for predictive performance, which involved making decisions regarding non-linearity and validating the models

SKILLS
- Programming/Analysis Programs: R, SAS, SPSS, AMOS, NVivo