

## **RESEARCH EXPERIENCE**

*Head Start Families Involvement,  
Program Evaluation of Head Start Family Involvement*

**Longwood University**  
*August 2023-May 2024*

- Program Assessment of at-home activities
- Survey design and implementation
- Qualitative and quantitative analysis of open and closed-ended questions Analysis and reporting of key findings

Statistics for Social Sciences (SOCL 346) has taught me many valuable skills that will be beneficial in my future. This class has taught me how to do a variety of statistical testing calculations by hand and through multiple computer software's such as R and SPSS. Due to my statistics manual that I have worked on throughout the course of this class, I will have the materials I might need in the future to correctly incorporate these techniques in my future career. The statistics manual provides a step-by-step guide of hand calculations for various statistical tests, as well as directions for computing systems such as R and SPSS to accurately code statistical instructions. This class has enhanced my abilities to create tables and graphs. After each chapter in this class, we would form a table/graph to explain our data as well as interpret it. Having the skill to create these table/graphs as well as correctly interpreting the data will be beneficial in future endeavors. This has improved my abilities to convey complex statistical data to diverse audiences.

I believe the skills I learned from the previous semester course benefited me as well. I now have experience in survey design, as well as experience in interpreting the data collection and finding common themes among responses to organize useful results. Compiling data is a useful skill in any job field; my experience from practicing that during this class will prepare me for various career opportunities. Overall, I do believe the research project that we have been completing for the past school year provides us with better knowledge we can take into our everyday lives as well. I believe that, although the skills I have obtained from survey design, data

interpretation, and statistical calculations by hand and through computer software are beneficial, in a larger context the research we conducted helps students understand the socio-economic gap between low-income families and wealthy families. My class was fortunate enough to have two different opportunities to volunteer at head start and interact with their children. Longwood University's Sociology department was fortunate enough to create at home fun time activities for their children; these fun time activities can be re-used multiple times as well. I believe that in a larger context, our professors helped the students understand how important it is to give back to people in their community.