

# Olivia Wilcox

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## SUMMARY

Clinical Research graduate student with more than 2 years of experience in scientific research and data analysis. Skilled in analytics, project management, statistics, leadership, study design, and clinical research practices. Seeking a full-time career opportunity in data science and data analytics.

## EDUCATION

### M.S., Clinical Research

Case Western Reserve University, Cleveland, OH

- GPA: 4.0

*Anticipated May 2022*

### B.A., Psychology and English (minor: Neuroscience)

Wittenberg University, Springfield, OH

- GPA: 3.5

*May 2019*

### Relevant Coursework:

- Data Science for Biological, Medical, or Health Research I, Data Science for Biological, Medical, or Health Research II, Computing in Biomedical Health Informatics, Epidemiology Theory and Methods, Research Methods and Design, R Programming

## EXPERIENCE

*July 2021 –Present*

### Graduate Research Assistant

Cleveland Clinic, Cleveland OH

- Examining utilization of neurofilament light chain as a predictive biomarker for cognitive deficits in patients with Multiple Sclerosis.
- Utilizing Electronic Health Records (Epic) to collect data. Analyzing data and performing advanced statistical analyses.

### Research Assistant and Lab Manager

The Ohio State University, Columbus, OH

*June 2019- June 2021*

- Independently led several experiments investigating tumor physiology and behavioral comorbidities within a novel rodent breast cancer survivor model.
- Lead the lab's clinical trial at the Stefanie Spielman Breast Cancer Center and was the point of contact for patients, physicians, and nurses.
- Managed lab's finances and purchases, lead laboratory inspections, and trained undergraduate and new graduate students on techniques and lab practices.

### Undergraduate Research Assistant

The Ohio State University, Columbus, OH

*August 2017-June 2019*

- Performed RT-qPCR on 80 mouse brain tissues, in 3 brain regions, to quantify expression of 12 different genes.
- Ran data analysis on PCR results and presented findings to lab members in the form of an oral presentation.

## SKILLS

- Proficient in MS Office (Word, Excel, PowerPoint), R/ R Studio programming, RedCap, EHR data (Epic), Statistics