## Samantha K. Bruk

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#### **EDUCATION**

Expected 2024 M.A. Stony Brook University Stony Brook, New York

General Psychology

<u>Track</u>: Cognitive Neuroscience

2022 **B.A.** Stony Brook University Stony Brook, New York

Major: Psychology

2021 A.A. Suffolk County Community College Selden, New York

Major: Liberal Arts and Sciences

#### RESEARCH APPOINTMENTS

2023 – Present **Research Coordinator & Data Analyst** Stony Brook, New York

Cognitive Health and Neurodegeneration Lab (CHEN)

Advisor: Xi Chen, Ph.D.

Stony Brook University, New York

2023 – Present **Research Coordinator & Data Analyst** Stony Brook, New York

The Mental Healthcare for All Lab (MHfAL)

Advisor: Briana Last, Ph.D.

Stony Brook University, New York

2022 – 2023 **Research Assistant** Stony Brook, New York

Center for Understanding Biology using Imaging Technology (CUBIT)

Supervisor: Christine DeLorenzo, Ph.D.

Department of Psychiatry, Stony Brook University Hospital

#### **HONORS AND AWARDS**

2023 **Upstander Award**Stony Brook University

2022 Deans List

Stony Brook University

Honor Roll

Suffolk Country Community College

Top 1/3 of Graduating Class

Suffolk County Community College

Pi Sigma Alpha

Suffolk County Community College

2020 Deans List

Suffolk County Community College

#### **PROJECTS**

# 2023 – Present Meta-analysis on The Relation Between Cognition and Long COVID on the Brain

<u>Description</u>: The potential consequences of long-term COVID-19 on cognition and brain fog are the focus of this investigation. In order to identify where in the brain these impacts are occurring, how they are affecting the brain, and how they affect human functioning, the research collection includes papers targeted at identifying the primary cause and effect of these effects on the brain and cognitive consequences.

Status: Ongoing

<u>Contribution and Responsibility</u>: I am responsible for data collection, analysis, and interpretation as the paper's primary author.

Collaborators: TBA

Anticipated Outcomes: The anticipation is that this study will shed crucial light on the connection between long COVID and its effects on cognition and the brain, possibly showing patterns or correlations. Scholarly papers and conference presentations are expected as results dissemination to the academic community.

<u>Ethical Considerations</u>: By obtaining well-informed publications from earlier published literature and considering the restraints connected to them, ethical considerations are addressed to help relevant organizations identify potential areas for review.

## CPO WORKSHOPS AND TRAINING

2022 Green Dot

Stony Brook, New York

**QPR** 

Stony Brook, New York

# **Red Watch Band**

Stony Brook, New York

## **ABILITIES**

## **Technical Skills**

- Database development and management
- Quantitative data collection and analysis
- Qualitative data collection and coding
- Research design
- Systematic review
- Database searching
- Meta-Analyses
- Multilevel Modeling

# Computer Skills

- Statistical Software: SPSS, Comprehensive Meta-Analysis
- Qualitative Analysis Software: NVivo
- Citation Software: Zotero, Endnote
- Linguistic Inquiry and Word Count Software