

MUAZZEZ MELIKE AKSOY

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Columbia University Mailman School of Public Health, New York, NY

Master of Public Health in Biostatistics with Advanced Epidemiology Certificate GPA: 3.56

May 2024

Relevant Coursework: Statistical Computing with SAS, Analysis of Categorical Data, Applied Regression I&II, Design and Conduct of Observational Epidemiological Studies, Data Science, Applied Epidemiologic Analysis

Montclair State University, Montclair, NJ

Bachelor of Arts in Psychology GPA: 3.73

December 2019

Honors: Dean's List (Fall 2018-2020), The National Society of Collegiate Scholars (Spring 2019-Present), Phi Theta Kappa (2017- Present)

SKILLS and CERTIFICATIONS

Data Analysis and Statistics Certifications: SAS, R, SPSS, Stata

Computer: Proficient in Microsoft Office, Mendeley, REDCap

Language: Fluent in Turkish

ACADEMIC PROJECTS

Columbia University, Mailman School of Public Health, Statistical Computing with SAS (course)

Spring 2023

Longitudinal Study Comparing the Effectiveness of Laparoscopic adjustable gastric banding (LAGB), Roux-en-Y gastric bypass (RYGB), non-surgical methods on weight loss with covariates gender, alcohol use, diabetes, and hypertension.

- Analyzed longitudinal data using model selection, descriptive statistics, and mixed methods using SAS to identify the patterns, trends, and relationships in the data.
- Summarized the findings and communicated research results effectively through visual aids and written materials.

RESEARCH EXPERIENCE

Columbia University Medical Center, Department of Neurology, New York, NY

July 2023- Present

Student Research Worker

- Conducts data analysis using R for the research on the risk factors for Alzheimer's disease and dementia in late life.
- Prepares literature reviews for the manuscripts.
- Works with ACT Life Course Team to improve the study plan and analysis.

Nathan Kline Institute for Psychiatric Research, Social Solutions and Services Research, Orangeburg, NY

Research Support Assistant

April 2020- June 2023

- Conducted data analysis, data cleaning, and scaling using SAS for two longitudinal studies on lifecourse, effects of health disparities, discrimination on health and substance use.
- Utilized the codebooks to create new surveys for future studies and four grant applications, ensuring that the data collected was consistent and compatible with previous data.
- Conducted comprehensive literature reviews to identify relevant studies and publications for NIH grant applications and academic papers.
- Effectively assisted 4 NIH funded grant applications by providing literature reviews and surveys.
- Worked closely with research team to develop and refine survey questions and measures.
- Prepared survey questionnaires in accordance with established research protocols and procedures.
- Worked in a team of 10 researchers to design and deliver training sessions to enhance the skills and knowledge of mental health professionals specializing in Health Habitus and Motivational Interviewing.
- Developed and delivered training sessions on Mendeley and worked one-on-one with research assistants.
- Developed engaging and informative newsletters and videos to communicate study findings with participants..
- Compiled and organized study materials, such as surveys, questionnaires, and data, for use in progress reports.

Intern

January 2020- April 2020

- Developed and organized new codebooks for two longitudinal studies to facilitate data analysis and data cleaning.
- Collaborated with the research team to identify key variables and codes for the codebooks.
- Provided ratings for MRI scans for biomedical imaging and neuromodulation research.

LEADERSHIP AND ACTIVITIES

Turkish Cultural Center, Clifton, NJ

Volunteer Mentor and Advisor

November 2017– August 2020

- Coordinated and guided weekly activities for a youth group for 20 students
- Organized schedules for summer and winter camps for 65-75 students