



Mmachi Ezigbo

Undergraduate Student

Research Interests

Exploring the genetic breadth of blood-related diseases afflicting historically understudied populations.

Key Terms: Hemoglobinopathies, sickle cell disease, human population genetics, bioinformatics, global health research

Research Experience

2023 - Present **Undergraduate Researcher**, Tishkoff Lab, Department of Genetics, Perelman School of Medicine, *University of Pennsylvania, Philadelphia, Pennsylvania, USA*

2023 - Present **First Exposure to Research in the Biological Sciences Fellow**, Department of Biology, *University of Pennsylvania, Philadelphia, Pennsylvania, USA*

Poster Presentations

Ezigbo M, Kelly D, Harris D, Hirbo J, Mpolaka S, Mokone G, Nyambo T, Meskel D, Belay G, Serugo G, Williams S, Tishoff S. "Characterizing sickle cell disease variants in a sub-Saharan African cohort of 6,000 whole genome sequences." Center for Undergraduate Research and Fellowships Fall Research Expo, September 12th, 2024; Philadelphia, PA.