

Giaminh Ben Phan

EDUCATION

Rutgers University, School of Arts and Sciences, New Brunswick, NJ
B.A Candidate for Genetics and B.S Candidate for Marine Biology
Minor in Astrobiology

Relevant Coursework) Honors Introduction to Molecular Biology and Biochemistry Research,
Genetic Analysis, Statistics

Honors and Awards

Honors College Class of 2025 (2021 – Present)
Dr. Andrew Brooks Memorial Scholarship (2023)
James Dickinson Carr Scholarship (2021 – Present)

South Brunswick High School, South Brunswick, NJ

Honors and Awards

U.S Presidential Scholar Candidate
National Honor Society

RESEARCH EXPERIENCE

Aresty Summer Science Program [Rutgers University] (2022)

Worked as a lab technician with Dr. Amrik Sahota on studying treatment options for cystinuria and presented *SLC3A1 and SLC7A9 Gene Expression in a Mouse Model for Cystinuria* at Aresty Symposium

NestWatch [Cornell University] (2018-2021)

Coordinated a bluebird nest monitoring program with the Watershed Institute and conducted field research/organized crowdsourced data

Biological Action Team [Watershed Institute] (2021)

Participated in crowdsourced data collection of local streams for bacteria levels and aided in stream health reports and algal bloom risk assessment

MISCELLANEOUS EXPERIENCE

Association of Undergraduate Geneticists (2022 – Present)

Current Treasurer; organized genetics research outreach programs and hosted workshops on effective research communication skills

Associated Press (2017 – Present)

Worked as a vote entry operator and assisted in data tabulation in both an organizational and communicative role

Rutgers Learning Center Peer Leader (2022 – Present)

Organized study groups for organic chemistry, physics, and biology as well as acted as a tutor both individually and in groups

Hearts for Humanity (2020-2021)

Led a team in social media outreach for humanitarian crises, including the Yemen crisis and modern slavery; organized literature reviews and fact checked information

SKILLS

Laboratory Techniques

qPCR, RT-PCR, HPLC Chromatographic Immunoassays, Sanger sequencing, 3D Protein Analysis

Miscellaneous Skills

Python, Microsoft Excel, FinchTV