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EDUCATION

2020-Present **Ph.D.** (candidate), Department of Biomedical Engineering
Johns Hopkins School of Medicine
Area of Concentration: Biomedical Data Science

2016-2020 **B.S.** Department of Biomedical Engineering, Honors College
Magna cum laude
Virginia Commonwealth University
Area of Concentration: Biomaterials and Biomechanics, Minor:
Mathematics

HONORS & AWARDS

2021-2022 NIH/NCATS ICTR Pre-doctoral Clinical Research Training Grant,
TL1 TR003100

2021 AMIA Student Design Challenge Finalist

2020-2021 NIH/NIGMS Pre-Doctoral Training Program in Computational
Medicine, CMT32

2019-2020 Tau Beta Pi Scholarship

2017-2019 Western Union Global Foundation Scholarship

2017 VCU Launch Award

2016-2020 VCU Provost Scholar

RESEARCH EXPERIENCE

2020- Present **Research Assistant**, Department of Biomedical Engineering, Johns
Hopkins School of Medicine, Baltimore, MD, PI: Dr. Casey Overby
Taylor

2018-2020 **Undergraduate Research Assistant**, Department of Biomedical
Engineering, Virginia Commonwealth University School of
Engineering, Richmond, VA, PI: Dr. Seth Weinberg

2017-2018 **Undergraduate Research Assistant**, Department of Biomedical
Engineering, Virginia Commonwealth University School of
Engineering, Richmond, VA, PI: Dr. Raiyan Zaman

TEACHING EXPERIENCE

Teaching Assistant Biomedical Data Design (Fall 2022-Spring 2023)
Teaching Assistant Honors Rhetoric (Fall 2017-Spring 2020)

OTHER EXPERIENCE

2018-2020 VCU Engineering Student Council Executive Board Member

2018-2020 Tau Beta Pi Epsilon Chapter Vice President

2017-2020	Co-Editor-in-Chief and Webmaster of Auctus: The Journal of Undergraduate Research and Creativity at VCU
2019	FIRST Chesapeake NextUP RVA Robotics Instructor, Richmond, VA

PRESENTATIONS

Oral presentations:

November 2021	“mAMIA: mHealth dashboard to support pregnant women’s health information seeking and emotional and social wellbeing.” AMIA National Symposium 2021, San Diego, CA
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Poster presentations:

March 2023	“Randomized Intervention Study of Form-based and Chatbot-based Methods for Family History Data Collection” AMIA Clinical Informatics Summit 2023, Seattle, WA.
March 2023	“Detecting Phenotypes Among Patients Suspected of Rare Mendelian Disorders” AMIA Clinical Informatics Summit 2023, Seattle, WA.
November 2022	“Piloting Family Health History Chatbot with Crowd-Sourced Data Collection” AMIA National Symposium 2022, Washington, D.C.
April 2022	“Design and Implementation of Web-based Methods for Family Health History Collection” ACTS Translational Science 2022, Chicago, IL
May 2018	“Modeling Heart Rate Variability with ECG-based Patient Data” Honors Summer Undergraduate Research Program, Richmond, VA
April 2017	“Piano Practice as Pediatric Multiple Sclerosis Therapy” 9 th VCU Poster Symposium for Undergraduate Research and Creativity, Richmond VA

RESEARCH SUPPORT

Ongoing

2021-2022	Pre-doctoral fellowship - TL1 TR003100. NIH/NCATS
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Completed

2020-2021	Pre-doctoral fellowship - CMT32. NIH/NIGMS
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