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

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

RESEARCH SUPPORT

Completed

2021-2022	Pre-doctoral fellowship - TL1 TR003100. NIH/NCATS
2020-2021	Pre-doctoral fellowship - CMT32. NIH/NIGMS