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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 Informatics Summit 2023, Seattle, WA.
March 2023	“Detecting Phenotypes Among Patients Suspected of Rare Mendelian Disorders” AMIA 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 <sup>th</sup> VCU Poster Symposium for Undergraduate Research and Creativity, Richmond VA

## **RESEARCH SUPPORT**

### Completed

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