

**Michelle H. Nguyen**

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**EDUCATION**

2020-Present      **Ph.D.** (student), 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) *\*accepted position*

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:

November 2022*	<p>“Piloting Family Health History Chatbot with Crowd-Sourced Data Collection”</p> <p>AMIA National Symposium 2022, Washington, D.C. <i>*accepted presentation</i></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>9<sup>th</sup> VCU Poster Symposium for Undergraduate Research and Creativity, Richmond VA</p>

## 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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