

**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

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

### Poster presentations:

November 2022\*

“Piloting Family Health History Chatbot with Crowd-Sourced Data Collection”  
AMIA National Symposium 2022, Washington, D.C. *\*accepted presentation*

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**

### Ongoing

2021-2022

Pre-doctoral fellowship - TL1 TR003100. NIH/NCATS

### Completed

2020-2021

Pre-doctoral fellowship - CMT32. NIH/NIGMS