

Past and Current Trainees

(Current trainees in bold)

High School Students*At Case Western Reserve University*

Andrea Christman Summer 2001/02 Westlake High School Class of 2002

- Johns Hopkins University School of Medicine, MD, PhD, (PhD, 2012; MD, 2014)

Undergraduate Students*At Virginia Tech (VT)*

Do Young Gwak Fall 2011 & Spring 2012 Virginia Tech

- Multicultural Academic Opportunities Program (MAOP) Scholar
- 2014 Admitted to MD program at University of Vermont, Class of 2018

Tyler Trapani Fall 2012 & Spring 2013 Virginia Tech

- Associate Product Manager at LifeNet Health (2015)

Robert Burnham Spring/Summer 2013 Fall 2013 Spring/Fall 2014 Spring 2015 Virginia Tech

- 2013 Fralin SURF Fellowship
- 2013 VTCDD Poster Award, 3rd place
- 2014 Ann L. and John L. Hess Travel Award
- 2014 Outstanding Senior in Biochemistry in the College of Science
- 2015 Ph.D. student in Molecular Genetics and Microbiology at Duke University
- Publication 1: Zhai L[‡], Wu L[‡], Li F, **Burnham RS**, Pizarro JC, Xu B. A Rapid Method for Refolding Cell Surface Receptors and Ligands. *Sci. Rep.* 2016, 6: 26482. [‡]equal authorship.
- Publication 2: **Burnham RS**, Zhai L, Zhang L, Xu B. Remote viral mimicry in human herpesviridae proteome: structural conservation but diverging functional sites at the host-pathogen interfaces. *In preparation.* 2018.

Rebekah Watkins Fall 2013 & Spring/Fall 2014 Spring 2015 Virginia Tech

- 2015 ACS Virginia Blue Ridge Section James Lewis Howe Award
- 2015 Ph.D. student with Jenny Ting, University Distinguished Professor at University of North Carolina, Chapel Hill
- Publication: **Watkins R[‡]**, Wu L[‡], Zhang C, Davis RM, Xu B. Natural Product-Based Nanomedicine: Recent Advances and Issues. *Int. J. Nanomedicine.* 2015, 10: 6055-6074. [‡]equal authorship.

Katherine Kelly Spring 2016, Fall 2016 Virginia Tech

- Research Poster: Marcus M, Henderson F, **Kelly K**, Lad S, Velander P, Wu L, Bloom GS, Xu B. Tau and α -synuclein Protein Expression, Purification, and Their Amyloid Inhibitor Discovery. ASBMB Annual Meeting in Chicago, IL, April 22, 2017

Madeleine Marcus Fall 2016, Spring 2017 Virginia Tech

- 2017 Ann L. and John L. Hess Travel Award

- Poster Presentation at ASBMB Annual Meeting in Chicago, IL, April 22, 2017
- 2017 Exemplary Undergraduate Research in Biochemistry Award
- 2017 Undergraduate Thesis Defended, "Expression and Purification of Human Tau Variants and Inhibitor Discovery (I)"
- Publication 1: Burnham RS, Zhai L, **Marcus M**, Zhang L, Xu B. Remote Viral Mimics in Human Herpesviridae Proteome: Structural Conservation but Diverging Functional Sites at the Host-pathogen Molecular Interaction Interface. In preparation, 2018

Frances Henderson Fall 2016, Spring 2017 Virginia Tech

- 2016 John & Ann Hess Scholarship
- 2017 Ann L. and John L. Hess Travel Award
- Poster Presentation at ASBMB Annual Meeting in Chicago, IL, April 22, 2017
- 2017 Exemplary Undergraduate Research in Biochemistry Award
- 2017 Undergraduate Thesis Defended, "Expression and Purification of Human Tau Variants and Inhibitor Discovery (II)"
- 2017 NIH Postbaccalaureate Intramural Research Training Award (Postbac IRTA Program)
- Publication 1: Velander P, Wu L, **Henderson F**, Zhang S, Bevan DR, Xu B. Natural Product-based Amyloid Inhibitors. *Biochem. Pharmacol.* 2017. 139, 40-55.

Darren Dougharty Fall 2017, Spring 2018 Virginia Tech Sophomore

- 2017 Virginia Tech Honor College

Xedrix Barbeyto Fall 2017, Spring 2018 Virginia Tech Freshman

Allison VanInwegan Spring 2018 Virginia Tech Junior

Christopher Tan Spring 2018 Virginia Tech Sophomore

- 2017 Virginia Tech Honor College
- 2018 Fralin SURF Fellowship

Graduate and Medical Students

At Fred Hutchinson Cancer Research Center (ad hoc)

Kathryn Finton 2009-2011 University of Washington

- Biomolecular Structure & Design program trainee fellowship
- Ph.D. University of Washington, 2013

Mesfin Gewe 2010-2011 University of Washington

- Molecular & Cell Biology program trainee fellowship
- Ph.D. University of Washington, 2015

At Virginia Tech

Feng Li Fall 2011 & Spring/Summer 2012 Visiting Graduate Student

- Publication 1: Zhai L[‡], Wu L[‡], **Li F**, Burnham RS, Pizarro JC, Xu B. A Rapid Method for Refolding Cell Surface Receptors and Ligands. *Sci. Rep.* 2016, 6: 26482. [‡]equal authorship.

James Dittmar Summer 2012 VT Carilion School of Medicine

- Resident Physician at Baylor College of Medicine (2015)

Lu Zhai 2013/12 – 2016/8 Biochemistry M.S. Degree

