

# William T Mills IV

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Education	<b>Johns Hopkins University School of Medicine</b> PhD Candidate, Department of Biological Chemistry <b>Advisor:</b> Mollie K Meffert, MD, PhD	Baltimore, MD   2017-Present
	<b>University of Virginia</b> Bachelor of Science in Chemistry, Specialization in Biochemistry (awarded with Distinction) <i>American Chemical Society (ACS) Certification</i> <i>American Society for Biochemistry and Molecular Biology (ASBMB) Certification with Distinction</i>	Charlottesville, VA   2013-2017
Research Experience	<b>Johns Hopkins University School of Medicine</b> Graduate Research Assistant <b>Advisor:</b> Mollie K Meffert, MD, PhD	Baltimore, MD   2017-Present
	<b>United States Food and Drug Administration</b> ORISE Fellow, Center for Biologics Evaluation and Research <b>Advisor:</b> Gerardo Kaplan, PhD	White Oak, MD   Summer 2016
	<b>University of Virginia</b> Undergraduate Research Assistant <b>Advisor:</b> Anthony J Spano, PhD	Charlottesville, VA   2015-2017
Teaching & Advising	<b>Johns Hopkins University School of Medicine</b> <b>Teaching Academy</b> Certificate of Completion	Baltimore, MD   in progress
	<b>ME.200.650 : Genes to Society - Nervous System and Special Senses</b> Co-instructor for lesson on translational neuroscience	  Spring 2019
	<b>University of Virginia</b> <b>Peer Teacher</b> BIOL 2100: Introduction to Biology Laboratory: Cell Biology and Genetics BIOL 2030: Introductory Biology Laboratory I	Charlottesville, VA  Fall 2016 Fall 2015
	<b>Albemarle High School</b> <b>Tutor</b> Advancement via Individual Determination (AVID) Program	Charlottesville, VA  Fall 2015
	<b>University of Virginia</b> <b>Peer Advisor</b> University Peer Advising Link (ULink)	Charlottesville, VA  Fall 2015

<b>Publications</b>	Oldach LM, Gorshkov K, <b>Mills WT, IV</b> , Zhang J, and Meffert MK (2018). A biosensor for MAPK-dependent Lin28 signaling. <i>Mol Biol Cell</i> , 29(10): 1157-1167. DOI: <a href="https://doi.org/10.1091/mbc.E17-08-0500">10.1091/mbc.E17-08-0500</a>	
	Subramanian M, Paranjpe M, Timmerman CK, <b>Mills WT, IV</b> , and Meffert MK (2019). Growth-suppressor miRNA dysfunction mediates synaptic overgrowth and behavioral deficits in Fragile X Syndrome. Manuscript in preparation.	
<b>Presentations</b>	<b>Graduate</b>	
	<b>Mills WT, IV</b> and Meffert MK (2019). Using miRNA- target chimeras to study post-transcriptional gene regulation in the mammalian CNS. Poster presented at the 2019 Graduate Student Association Poster Symposium. (Baltimore, MD)	
	<b>Mills WT, IV</b> and Meffert MK (2019). Using miRNA- target chimeras to study post-transcriptional gene regulation in the mammalian CNS. Poster presented at the 2019 DC Metro Area Chapter of the Society for Neuroscience Annual Meeting. (College Park, MD)	
	<b>Mills WT, IV</b> and Meffert MK (2019). Using miRNA-target chimeras to study post-transcriptional gene regulation in the mammalian CNS. Poster presented at the Department of Biological Chemistry Recruitment Event. (Baltimore, MD)	
	<b>Mills WT, IV</b> and Meffert MK (2018). Use of miRNA-target chimeras in the study of learning, memory and brain disorders. The Department of Biological Chemistry Annual Retreat. (Baltimore, MD)	
<b>Awards &amp; Honors</b>	<b>Undergraduate</b>	
	Gilbert J. Sullivan Scholarship	2015-2017
	National Society of Collegiate Scholars	2014-2017
	Dean's List	2013-2016
	Intermediate Honors	2015
<b>Organizational Activities</b>	<b>Johns Hopkins University School of Medicine</b> <i>Baltimore, MD</i>	
	Department Journal Club Planning Committee - Department of Biological Chemistry	2018-present
	Department Retreat Planning Committee - Department of Biological Chemistry	2019
<b>Professional Associations</b>	Society for Neuroscience D.C. Metro Area Chapter (SfN DCMA), Member	2019-present
	American Society for Biochemistry and Molecular Biology (ASBMB), Student Member	2017-2018
<b>Research Funding</b>	<b>Undergraduate</b>	
	Small Research and Travel Grant (College of Arts and Sciences)	Fall 2016
	Small Research and Travel Grant (College of Arts and Sciences)	Spring 2016

| Raven Society Fellowship (The Raven Society)  
Semester Scholars Award (College Council)

2016  
*Spring 2016*