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EDUCATION	<b>Emory University</b> , Atlanta, GA <ul style="list-style-type: none"> <li>• Ph.D. Biostatistics</li> <li>• Advisor: Dr. Max Lau, Dr. Lance Waller</li> </ul> <b>University of Utah</b> , Salt Lake City, Utah.	2018–2024 (expected)       2018
PUBLICATIONS	<ol style="list-style-type: none"> <li>1. F Akbik, <b>H Waddel</b>, B Jaja, R Macdonald, R Moore, O Samuels, O Sadan. “Nicardipine Prolonged Release Implants For Prevention of Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage: A meta-analysis”. <i>Journal of Stroke and Cerebrovascular Diseases</i>, 2021. (Accepted)</li> <li>2. O Sadan, <b>H Waddel</b>, R Moore, C Feng, Y Mei, D Pearce, J Kraft, C Pimentel, S Mathew, F Akbik, P Ameli, A Taylor, L Danyluk, K Martin, K Garner, J Kolenda, A Pujari, W Asbury, V Jaja, R L Macdonald, M Cawley, D Barrow, and O Samuels. “Intrathecal Nicardipine for Cerebral Vasospasm Post Subarachnoid Hemorrhage—a Retrospective Propensity-Based Analysis”, <i>Journal of Neurosurgery</i>, 2021.</li> <li>3. B Nadel, D Lopez, D Montoya, <b>H Waddel</b>, M Khan, and M Pellegrini. “Gene Expression Deconvolution Interactive Tool (GEDIT): Accurate Cell Type Quantification from Gene Expression Data”. <i>Gigascience</i>, 2021. <a href="#">Full Text</a></li> </ol>	
PRESENTATIONS	<ul style="list-style-type: none"> <li>• <b>National Conference on Undergraduate Research</b> Poster, “The Community Ecology of the Music Canon”</li> <li>• <b>Utah Conference of Undergraduate Research</b> Poster, “The Community Ecology of the Music Canon”</li> <li>• <b>Bruins in Genomics Summer Research Experience</b> Poster, “Evaluating the Efficiency of Single-Cell Data in Cell-Type Deconvolution”</li> <li>• <b>Utah Conference of Undergraduate Research</b> Poster, “Transcription Factor Interactions in Developing Hair Cells”</li> </ul>	2018       2018       2017       2016
RESEARCH EXPERIENCE	<ul style="list-style-type: none"> <li>• <b>Fred Adler Lab</b> Department of Mathematics and Department of Biology, University of Utah Project: “The Community Ecology of the Music Canon”</li> <li>• <b>Bruins in Genomics Summer Research Experience</b> Institute for Quantitative and Computational Biology; University of California, Los Angeles</li> <li>• <b>Arminda Suli Lab</b> Department of Physiology and Developmental Biology, Brigham Young University Projects: “Sensory Integration in Zebrafish Larvae”, “Transcription Factor Interactions in Developing Hair Cells”</li> </ul>	2017–2018       2017       2014–2016
RESEARCH GRANTS	<ul style="list-style-type: none"> <li>• <b>Independent Research Experience Undergraduate Grant (\$1,000)</b> Department of Mathematics and Department of Biology, University of Utah Title: “The Community Ecology of the Music Canon”</li> <li>• <b>Independent Research Experience Undergraduate Grant (\$2,000)</b> Department of Mathematics and Department of Biology, University of Utah Title: “The Community Ecology of the Music Canon”</li> </ul>	2018       2017

	<ul style="list-style-type: none"> <li>• <b>ORCA Undergraduate Student Mentoring Grant (\$1,500)</b> 2016 Office of Research and Creative Activities, Brigham Young University Title: "Transcription Factor Interactions in Developing Hair Cells"</li> <li>• <b>ORCA Undergraduate Student Mentoring Grant (\$1,500)</b> 2015 Office of Research and Creative Activities, Brigham Young University Title: "Sensory Integration in Zebrafish Larvae"</li> </ul>
WORK EXPERIENCE	<ul style="list-style-type: none"> <li>• <b>Biostatistics Collaboration Core</b> 2019-Present Department of Biostatistics and Bioinformatics, Emory University</li> <li>• <b>Willis Towers Watson, Denver, Colorado</b> 2016 Actuarial Intern</li> </ul>
TEACHING	<ul style="list-style-type: none"> <li>• <b>Instructor</b>, Statistical Methods I Lab (BIOS 500L) Fall 2020</li> <li>• <b>Teaching Assistant</b>, Biostatistical Methods II (BIOS 591P) Spring 2020 and Spring 2021</li> <li>• <b>Teaching Assistant</b>, Statistical Methods I Lab (BIOS 500L) Fall 2019</li> </ul>
SERVICE	<ul style="list-style-type: none"> <li>• <b>Graduate Student Network planning committee</b> 2020-Present National Institute of Statistical Sciences (NISS)</li> <li>• <b>Student Council Representative</b> 2019-Present Department of Biostatistics and Bioinformatics, Emory University</li> <li>• <b>COVID-19 Geospatial support</b> 2020 Georgia Department of Public Health</li> </ul>
HONORS AND AWARDS	<ul style="list-style-type: none"> <li>• <b>Laney Graduate Fellowship</b> 2018 Laney Graduate School, Emory University</li> <li>• <b>Gibson Senior Award</b> 2018 Department of Mathematics, University of Utah</li> <li>• <b>Emeritus Librarian Scholarship</b> 2017 J. Willard Marriott Library, University of Utah</li> <li>• <b>Pi Mu Epsilon Mathematics Honor Society</b> 2017 Department of Mathematics, University of Utah</li> <li>• <b>Phi Kappa Phi Honor Society</b> 2013 Brigham Young University</li> <li>• <b>Heritage Scholarship</b> 2013 Brigham Young University</li> <li>• <b>National Merit Scholarship Finalist</b> 2013</li> </ul>
OTHER	<ul style="list-style-type: none"> <li>• <b>Society of Actuaries Exam P (Probability)</b> 2016</li> </ul>