

# Paul-Hieu V. Nguyen

March 2023

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<b>RESEARCH INTERESTS</b>	Tree Ensemble Methods. Bayesian tree regression. Model selection. High Dimensional Data. Statistical Learning.				
<b>EDUCATION</b>	<table><tr><td><b>University of Wisconsin–Madison</b> Ph.D., Statistics</td><td>Madison, WI August 2022 - Present</td></tr><tr><td><b>Reed College</b> B.A., Mathematics Thesis Title: “Inference for Random Forests” Thesis Supervisor: Jonathan Wells, Ph.D.</td><td>Portland, OR May 2022</td></tr></table>	<b>University of Wisconsin–Madison</b> Ph.D., Statistics	Madison, WI August 2022 - Present	<b>Reed College</b> B.A., Mathematics Thesis Title: “Inference for Random Forests” Thesis Supervisor: Jonathan Wells, Ph.D.	Portland, OR May 2022
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<b>PUBLICATIONS</b>	Wojcik O.C., Olson S.D., <b>Nguyen, P-H.V.</b> , McConville K.S., Moisen G.G. and Frescino T.S. (2022). “GREGORY: A Modified Generalized Regression Estimator Approach to Estimating Forest Attributes in the Interior Western US.” <i>Frontiers in Forests and Global Change</i> . DOI: 10.3389/ffgc.2021.763414				
<b>TALKS</b>	<p>Presentation. <b>Nguyen, P-H.V.</b> “Oblique BART”. Joint Statistical Meetings (2024).</p> <p>Presentation. <b>Nguyen, P-H.V.</b> “Oblique Bayesian Additive Regression Trees with non-axis aligned splits”. Midwest Machine Learning Symposium (2024).</p> <p>Poster Presentation. <b>Nguyen, P-H.V.</b> “Oblique Bayesian Additive Regression Trees”. Midwest Machine Learning Symposium (2024).</p> <p>Presentation. Yee R., <b>Nguyen, P-H.V.</b> “Extensions to BART: Oblique Rules and Random Fourier Features”. Institute for the Foundations of Data Science (2024).</p> <p>Presentation. <b>Nguyen, P-H.V.</b> “Anonymity in the Ubuntu Dialogue Corpus.” Electronic Undergraduate Statistics Research Conference (2021).</p> <p>Poster Presentation. <b>Nguyen, P-H.V.</b> “Anonymity in the Ubuntu Dialogue Corpus.” Reed College Summer Research Poster Session (2021).</p> <p>Presentation. Wojcik O.C., Olson S.D. and <b>Nguyen, P-H.V.</b> “Improving Precision of Forestry Estimation.” Electronic Undergraduate Statistics Research Conference (2020).</p> <p>Presentation. Harris L., Richter M. and <b>Nguyen, P-H.V.</b> “Modeling Lyme Disease in Iowa.” 10th Annual Iowa Summer Research Symposium (2019).</p>				
<b>HONORS &amp; AWARDS</b>	<table><tr><td>Advanced Opportunity Fellowship, University of Wisconsin–Madison</td><td>Aug 2022</td></tr><tr><td>2nd, June 2020 Undergraduate Research Project Competition</td><td>Sep 2020</td></tr></table>	Advanced Opportunity Fellowship, University of Wisconsin–Madison	Aug 2022	2nd, June 2020 Undergraduate Research Project Competition	Sep 2020
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	2020 Economics Summer Research Mintz Award, Reed College	Aug 2020
	Commendation for Excellence, Reed College	Aug 2019, 2020, 2021, 2022
<b>TEACHING</b>	<b>University of Wisconsin–Madison;</b> Teaching Assistant	
	Stat 340: <i>Data Science Modeling II</i>	Fall 2024
	Stat 240: <i>Data Science Modeling I</i>	Fall 2023, Spring 2024
	<b>Reed College;</b> Teaching Assistant, Lab Assistant, Grader	
	Math 392: <i>Mathematical Statistics</i>	Spring 2022
	Math 391: <i>Probability</i>	Fall 2021
	Math 243: <i>Statistical Learning</i>	Fall 2020
	Math 141: <i>Introduction to Probability and Statistics</i>	Fall 2019, Spring 2020, Spring 2021
<b>EXPERIENCE</b>	<i>Research Assistant</i> , University of Wisconsin – Madison Supervisor: Sameer K. Deshpande, Ph.D.	Summer 2024
	<i>NSF REU Fellow</i> , Pennsylvania State University Supervisor: Ting-Hao 'Kenneth' Huang, Ph.D.	Summer 2021
	<i>Economics Summer Fellow</i> , Reed College Supervisor: Nicholas Wilson, Ph.D.	Summer 2020
	<i>Research Assistant</i> , Reed College Supervisor: Kelly McConville, Ph.D.	Spring 2020
	<i>Iowa Summer Institute in Biostatistics Fellow</i> , University of Iowa Supervisor: Grant Brown, Ph.D.	Summer 2019