

Paul-Hieu V. Nguyen

March 2023

CONTACT	1300 University Ave., 1250 Medical Sciences Center, Madison, WI 53706 Phone: 408-802-1105 Primary Email: pvnguyen5@wisc.edu Website: https://paulhnguyen.github.io				
RESEARCH INTERESTS	Tree Ensemble Methods. Bayesian tree regression. Model selection. High Dimensional Data. Statistical Learning.				
EDUCATION	<table><tr><td>University of Wisconsin–Madison Ph.D., Statistics</td><td>Madison, WI August 2022 - Present</td></tr><tr><td>Reed College B.A., Mathematics Thesis Title: “Inference for Random Forests” Thesis Supervisor: Jonathan Wells, Ph.D.</td><td>Portland, OR May 2022</td></tr></table>	University of Wisconsin–Madison Ph.D., Statistics	Madison, WI August 2022 - Present	Reed College B.A., Mathematics Thesis Title: “Inference for Random Forests” Thesis Supervisor: Jonathan Wells, Ph.D.	Portland, OR May 2022
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PUBLICATIONS	Wojcik O.C., Olson S.D., Nguyen, P-H.V. , 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				
TALKS	<p>Presentation. Nguyen, P-H.V. “Oblique BART”. Joint Statistical Meetings (2024).</p> <p>Presentation. Nguyen, P-H.V. “Oblique Bayesian Additive Regression Trees with non-axis aligned splits”. Midwest Machine Learning Symposium (2024).</p> <p>Poster Presentation. Nguyen, P-H.V. “Oblique Bayesian Additive Regression Trees”. Midwest Machine Learning Symposium (2024).</p> <p>Presentation. Yee R., Nguyen, P-H.V. “Extensions to BART: Oblique Rules and Random Fourier Features”. Institute for the Foundations of Data Science (2024).</p> <p>Presentation. Nguyen, P-H.V. “Anonymity in the Ubuntu Dialogue Corpus.” Electronic Undergraduate Statistics Research Conference (2021).</p> <p>Poster Presentation. Nguyen, P-H.V. “Anonymity in the Ubuntu Dialogue Corpus.” Reed College Summer Research Poster Session (2021).</p> <p>Presentation. Wojcik O.C., Olson S.D. and Nguyen, P-H.V. “Improving Precision of Forestry Estimation.” Electronic Undergraduate Statistics Research Conference (2020).</p> <p>Presentation. Harris L., Richter M. and Nguyen, P-H.V. “Modeling Lyme Disease in Iowa.” 10th Annual Iowa Summer Research Symposium (2019).</p>				
HONORS & AWARDS	<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
TEACHING	University of Wisconsin–Madison; Teaching Assistant	
	Stat 340: <i>Data Science Modeling II</i>	Fall 2024
	Stat 240: <i>Data Science Modeling I</i>	Fall 2023, Spring 2024
	Reed College; 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
EXPERIENCE	<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