

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		
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						
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 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><tr><td>2020 Economics Summer Research Mintz Award, Reed College</td><td>Aug 2020</td></tr></table>	Advanced Opportunity Fellowship, University of Wisconsin–Madison	Aug 2022	2nd, June 2020 Undergraduate Research Project Competition	Sep 2020	2020 Economics Summer Research Mintz Award, Reed College	Aug 2020
Advanced Opportunity Fellowship, University of Wisconsin–Madison	Aug 2022						
2nd, June 2020 Undergraduate Research Project Competition	Sep 2020						
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 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