

	Classroom Teaching Assistant	Fall 2016
	PubH 6414 - Biostatistical Literacy Instructor: Dr. Laura J. Le Division of Biostatistics, University of Minnesota	
	Subject Tutor	Fall 2014 - Spring 2016
	Statistics and Mathematics Lindahl (FKA McNamara) Academic Center, University of Minnesota	
	Teaching Assistant	Summer 2012 - Fall 2013
	Wisconsin Emerging Scholars, Math 222 - Calculus and Analytic Geometry II Math 221 - Calculus and Analytic Geometry I University of Wisconsin-Madison	
WORK EXPERIENCE	Senior Statistical Scientist	Jan 2020 to Aug 2022
	General Mills, Inc. Golden Valley, MN Supervisor: Dr. Fred Hulting	
	Technical Services Representative	Jan 2014 to Jul 2014
	Epic Systems Corporation Verona, WI	
CONSULTING EXPERIENCE	Senior Statistician	Aug 2022 to Present
	General Mills, Inc. Golden Valley, MN Supervisor: Dr. Fred Hulting	
	Bayesian Statistical Scientist	Dec 2021 to Present
	Slingwave Los Angeles, CA Supervisors: Paul Boruta and Vincent Scopino	
RESEARCH EXPERIENCE	Research Assistant	Jan 2017 to Dec 2019
	Division of Biostatistics, University of Minnesota Supervisors: Dr. Eric F. Lock and Dr. Caroline S. Carlin	
	Summer Intern	Jun 2019 to Aug 2019
	Novartis Institutes for Biomedical Research Supervisors: Dr. Avery I. McIntosh and Dr. Brian P. Smith	
	Research Assistant	May 2017 to August 2018
	Division of Biostatistics, University of Minnesota Supervisor: Dr. Bradley P. Carlin	
	Research Assistant	Aug 2016 to May 2017
	Division of Biostatistics, University of Minnesota Supervisor: Dr. James D. Neaton	

Research Assistant

Oct 2014 to Aug 2016

Division of Applied Research,
Allina Health

Supervisors: Lori L. Boland, MPH and Dr. Roman R. Melamed, MD

REFEREED
JOURNAL
PUBLICATIONS

1. **Normington JP**, Lock EF, Murray TA, Carlin C. “Bayesian variable selection in hierarchical difference-in-differences models” *Statistical Methods in Medical Research*, 2022; 31:1, 169-183.
2. **Normington JP**, Zhu J, Mattiello F, Sarkar S, Carlin BP. “An efficient Bayesian platform trial design for borrowing adaptively from historical control data” *Contemporary Clinical Trials*, 2020; 89:105890.
3. **Normington JP**, Lock EF, Carlin C, Peterson K, Carlin BP. “A Bayesian difference-in-difference framework for the impact of primary care redesign on diabetes outcomes” *Statistics & Public Policy*, 2019; 6:1, 55-66.
4. Zhu Y, Jain N, **Normington JP**, Holschuh N, Sanders L. “Ready-to-eat cereal is an affordable breakfast option associated with better nutrient intake and diet quality in the US population” *To appear in Frontiers in Nutrition*, 2023.
5. Smith J, Jain N, **Normington JP**, Holschuh N, Zhu Y. “Associations of ready-to-eat cereal consumptions and income with dietary outcomes: results from the National Health and Nutrition Examination Survey 2015-2018” *Frontiers in Nutrition*, 2022; 9.
6. Zhu Y, Jain N, **Normington JP**, Michno J, Holschuh N, Smith J. “Consumption of ready-to-eat cereal and its associations with nutrient intake and nutrition adequacy in the United States, NHANES 2017-2018” *Current Developments in Nutrition*, 2021; 5:2, 1115.
7. Smith J, Jain N, **Normington JP**, Michno J, Holschuh N, Zhu Y. “The association between ready-to-eat cereal consumptions, stratified by sugar content, and nutrient intakes in American children and adults: results from NHANES 2017-2018” *Current Developments in Nutrition*, 2021; 5:2, 1093.
8. Smith J, Jain N, **Normington JP**, Holschuh N, Zhu Y. “Ready-to-eat cereal consumption among children and adults stratified by income: results from the National Health and Nutrition Examination Survey 2015-2018”. *In Revision*.
9. Melamed R, Boland LL, **Normington JP**, Prenevost RM, Hur LY, Maynard LF, McNaughton MA, Kinzy TG, Masood A, Dastrange M, Huguélet JA. “Postoperative respiratory failure necessitating transfer to the intensive care unit in orthopedic surgery patients: risk factors, costs, and outcomes” *Perioperative Medicine* 2016; Aug 2;5:19.
10. Peterson K, Carlin C, Solberg LI, **Normington JP**, Lock EF. “Care management processes important for high quality diabetes care”. *Submitted to Diabetes Care*.
11. Boland LL, Huelster JS, Hildebrandt DA, Saavedra-Romero R, **Normington JP**, Melamed RR, Mooney MR, Mulder M. “Infection, use of antibiotics and outcomes in patients receiving therapeutic hypothermia after cardiac arrest” *The Journal of the Minneapolis Heart Institute Foundation* 2018; Spring/Summer;2:1.
12. Tierney DM, Boland LL, Overgaard J, Huelster JS, Jorgenson A, **Normington JP**, Melamed RR. “Pulmonary ultrasound scoring system for intubated critically ill patients and its association with clinical metrics and mortality: A prospective cohort study” *Journal of Clinical Ultrasound*; 2018; 46:1, 14-22.

PAPERS IN
PREPARATION

1. **Normington JP**, Lock EF, Murray TA “Correlative structure priors in Bayesian hierarchical difference-in-differences models”

AWARDS

- ITQ Technical Excellence Award, General Mills, Dec 2021
- James R. Boen Graduate Award, Division of Biostatistics, University of Minnesota, 2019-2020
- International Conference on Health Policy Statistics (ICHPS) 2020 Student Travel Award Recipient
- Integrative Biostatistics Research For Imaging Genomics, and High-throughput Technologies in Precision Medicine (iBright) 2019 Travel Award Recipient
- Novartis Quantitative Science Academia-to-Industry Hackathon 2019 Winner
- Health Policy Statistics Section Student Paper Competition Winner, 2019 Joint Statistical Meetings (JSM)
- Outstanding Biostatistics Teaching Assistant Award, Division of Biostatistics, University of Minnesota, 2018-2019
- American Statistical Association’s (ASA) Twin Cities Chapter Spring 2019 Meeting Graduate Student Poster Competition Winner, April 2019
- Biostatistics in the Modern Computing Era Student Travel Award Recipient, Medical College of Wisconsin, September 2017
- School of Public Health Dean’s Scholarship, University of Minnesota, August 2014

INVITED
PRESENTATIONS

- JSM, August 2020
- Ameriprise Financial, Minneapolis, MN, September 2018
- Eastern Northern American Region (ENAR) 2018, Atlanta, GA, March 2018

PRESENTATIONS

- General Mills Process Modeling Network, Golden Valley, MN, August 2021
- iBright 2019, Houston, TX, November 2019
- Novartis Quantitative Science Academia-to-Industry Hackathon, Cambridge, MA, August 2019
- JSM 2019, Denver, CO, July-August 2019
- Novartis BayeSpace, Cambridge, MA, July 2019
- ASA Twin Cities Chapter Spring 2019 Meeting, Minneapolis, MN, April 2019
- Research Day, School of Public Health, University of Minnesota, Minneapolis, MN, April 2019
- ENAR 2019, Philadelphia, PA, March 2019
- Biostatistics in the Modern Computing Era, Medical College of Wisconsin, Wauwatosa, WI, September 2017
- Student Seminar, Division of Biostatistics, University of Minnesota, Minneapolis, MN, November 2019, March 2018, November 2017, and November 2016

SERVICE TO
PROFESSION

Editorial Board, *Contemporary Clinical Trials*, 2020 - Present
Referee, *The American Journal of Managed Care*, 2020
Referee, *Journal of the American Statistical Association*, 2019

SERVICE TO
INSTITUTION

Committee Member, Master’s Thesis Fall 2022 - Present
Dr. Christine Roenitz
Master’s in Prosthodontics
School of Dentistry, Marquette University
Committee Member, DEI, Mentoring, and Support Fall 2022 - Present
Department of Mathematics, Statistics, and Computer Science, Macalester College
Panel Member, Ph.D. Recruiting Event Spring 2019
Division of Biostatistics, University of Minnesota

- SOFTWARE DEVELOPMENT
- Bayesian variable selection algorithms for hierarchical difference-in-differences models
 - Probability of Success using RBesT
 - Effective Sample Size using RBesT

REFERENCES

Dr. Eric F. Lock Email: elock@umn.edu
Associate Professor
Division of Biostatistics,
School of Public Health,
University of Minnesota

Dr. Erin M. Curran Email: curr4490@stthomas.edu
Associate Dean of the Morrison Family College of Health
Associate Professor of Computer and Information Sciences
University of St. Thomas

Dr. Kelsey E. Grinde Email: kgrinde@macalester.edu
Assistant Professor
Department of Mathematics, Statistics, and Computer Science
Macalester College

Dr. Thomas A. Murray Email: murra484@umn.edu
Assistant Professor and Medtronic Faculty Fellow
Division of Biostatistics,
School of Public Health,
University of Minnesota

Dr. Bradley P. Carlin Email: bradleypcarlin@gmail.com
Senior Advisor, Data Science and Statistics
PharmaLex