

Casey Bradshaw

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EDUCATION

Columbia University

Ph.D. in Statistics 2018-

Advisor: David Blei

M.A. in Statistics 2018-2020

Dartmouth College

B.A. in Mathematics, Minor in Physics 2009-2013

AWARDS

Best Data Science Student Course Project 2021

For the project Estimating the Incidence of Sexual Assault on College Campuses

Provost's Diversity Fellowship 2018

Award for doctoral students from underrepresented backgrounds

PUBLICATIONS

M. Avella-Medina, C. Bradshaw, and P.L. Loh. Differentially private inference via noisy optimization. (Submitted). Available online: <https://arxiv.org/abs/2103.11003>

C. Bradshaw and W. Tansey. Identifying Spatial Biomarkers from Cellular Imaging Data. *International Conference on Machine Learning Workshop on Computational Biology*, 2022.

PRESENTATIONS

Estimating the Incidence of Sexual Assault on College Campuses, *Minghui Yu Memorial Conference, Columbia University* 2022

GreenCube, *New Hampshire Space Grant 20th Anniversary Celebration* 2011

TEACHING EXPERIENCE

Teaching Assistant, Department of Statistics, Columbia University

Bayesian Statistics (graduate level)	2022
Advanced Data Analysis (graduate level)	2022, 2021
Calculus-based Introduction to Statistics (undergraduate level)	2020, 2019
Statistical Inference and Modeling (graduate level)	2020
Linear Regression Models (graduate level)	2019
Introduction to Statistical Reasoning (undergraduate level)	2018

Guest Lecturer, Department of Statistics, Columbia University

Statistical Inference and Modeling, graduate level	2021, 2020
Recent Statistical Advances in Differential Privacy, graduate level	2020

PROFESSIONAL SERVICE

Reviewer, Statistics and Computing (Journal)

Conference Organizer, Minghui Yu Memorial Conference, Columbia University 2021

PhD student representative, Statistics Department, Columbia University 2020-2021

Committee Member, Committee on (Online) Teaching and Learning, Statistics Department, Columbia University 2020-2021

Statistical Consultant to researchers in the Columbia University community 2020

WORK EXPERIENCE

Research Intern, Computational Oncology summer 2022
Memorial Sloan Kettering Cancer Center, New York, NY

Associate, Leveraged Finance 2013-2018
Rabobank International, New York, NY

Research Assistant (part-time) 2010-2012
Lynch Rocket Lab at Dartmouth College