

# Derek Dyal

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## EDUCATION

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Doctor of Philosophy (*Economics*), University of Georgia, 2027 (expected)  
Master of Arts (*Economics*), University of Georgia, 2023  
Master of Science (*Statistics*), University of Georgia, 2019  
Bachelor of Business Administration (*Minor: Statistics*), University of Georgia, 2017  
Associate of Arts, East Georgia State College, 2012

## RESEARCH INTERESTS

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Econometrics, Causal Inference, Applied Microeconometrics and Statistics.

## PUBLICATIONS

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1. “Nonparametric Estimation of Single-Index Models in Scale-space” with Jib Huh and Cheolwoo Park. *Journal of Statistical Computation and Simulation*, vol. 91 (12), pp. 2414–2443, 2021.

## WORKING PAPERS

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1. “Causal Inference for Aggregated Treatment” with Carolina Caetano, Gregorio Caetano, and Brantly Callaway. *Submitted*, 2025.

## TEACHING & RESEARCH EXPERIENCE

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### INSTRUCTOR of RECORD

- ◇ Introduction to Econometrics (ECON 4750, Undergraduate), 2025
- ◇ Introductory Statistics (STAT 2000E, Undergraduate), 2022

### TEACHING ASSISTANTSHIPS

- ◇ ECON 8080: Introduction to Econometrics (Ph.D.), 2025
- ◇ ECON 4750/6750: Introduction to Econometrics (Undergraduate/Master), 2024
- ◇ ECON 4010: Intermediate Microeconomics (Undergraduate), 2024
- ◇ BUSN 3000: Applied Statistics & Data Analysis (Undergraduate), 2021-2024
- ◇ MSIT 7100: Applied Business Statistics (MBA/MSBA), 2020 & 2023

- ◊ MARK 7100: Intro. Statistical Methods for Marketing Research (MMR/Master), 2019 & 2021
- ◊ BUSN 4000E: Predictive Modeling & Optimization (Undergraduate), 2019-2023
- ◊ BUSN 4000: Predictive Modeling & Optimization (Undergraduate), 2018-2024
- ◊ MSIT 3000: Statistical Analysis for Business I (Undergraduate), 2018-2020

## RESEARCH ASSISTANTSHIPS

- ◊ Dr. Brantly Callaway, University of Georgia, 2025
- ◊ Dr. Carolina Caetano & Dr. Brantly Callaway, University of Georgia, 2024

## HONORS, AWARDS & FELLOWSHIPS

Outstanding Teaching Assistant Award, 2020-2021

## PROFESSIONAL ACTIVITIES

### CONFERENCE PRESENTATIONS

- ◊ Georgia Econometrics Workshop (Georgia Institute of Technology), 2025

### UNIVERSITY SERVICE

- ◊ Organizer of UGA Econometrics Reading Group, (2023—)
- ◊ Graduate Student Association Representative: *Department of Statistics* (2019-2021)
- ◊ UGA Franklin Student Activity Fee Allocation Committee: *Department of Statistics* (2018-2019)
- ◊ Member of the American Statistical Association (ASA)

## TECHNICAL SKILLS

Programming: R, Python, MATLAB, SAS, Stata, L<sup>A</sup>T<sub>E</sub>X

## REFERENCES

Available upon request.