

Education

Boston College

Ph.D. in Economics | Fields: Labor, Econometrics, Macro (in-progress)

Aug 2024 to May 2030

Chestnut Hill, MA

Harvard University, Graduate School of Education

Master of Education in Specialized Studies | Applied Statistical Analysis

Aug 2018 to May 2019

Cambridge, MA

University of Maryland, College Park

Bachelor of Science in Elementary Education

Jan 2015 to Aug 2017

College Park, MD

Research Projects & Experience

Research Analyst II

Center for Education Policy Research, Harvard University

Sep 2019 to Jul 2024

Cambridge, MA

- Established data pipelines with partners, ran power analyses and randomized students for rapid-cycle RCTs
- Analyzed and estimated impacts of field trials utilizing both frequentist and bayesian methods
- Pre-registered trials and authored academic papers on analytic results
- Presented findings at academic conferences and to school leaders
- Trained junior analysts in coding procedure and model specification

Institutional Research Intern

Office of Student Affairs, Harvard Graduate School of Education

Jun 2019 to Aug 2019

Cambridge, MA

- Collected and aggregated data across departments including Academic Affairs, Admissions, Alumni Relations, and HR
- Reported quantitative analyses of student, staff and faculty data, conducted qualitative interviews and met with stakeholders across campus to strengthen institutional memory
- Produced figures and tables for Office of Student Affairs materials

Empathy Strategies Intern

Making Caring Common, Harvard Graduate School of Education

Sep 2018 to Jun 2019

Cambridge, MA

- Cleaned, merged, analyzed and reported quantitative data from RCT outcomes over 2,000 student surveys
- Designed low-load empathy strategies for over 150 middle- and high-school teachers and counselors nationwide
- Developed pre/post-test surveys and accompanying codebooks about implementation and data collection

Research Assistant for Dr. Erica Zippert

Human Development and Quantitative Methodology, University of Maryland

Jun 2015 to May 2016

Baltimore, MD

- Ran a study that included math assessment and facilitation of filmed parent-child interaction
- Coded qualitative data from over 50 hours of parent-child videos
- Presented findings at the National Research & Development Center on Cognition & Mathematics Instruction

Research Assistant for Dr. Emily Rosenzweig

Human Development and Quantitative Methodology, University of Maryland

Aug to Dec 2015

College Park, MD

- Coded qualitative responses from more than 100 essays written by high-school students
- Analyzed data and recommended changes in coding schemes
- Contributed to intercoder reliability and item-collection criteria

Research Assistant for Dr. Katie Muenks

Human Development and Quantitative Methodology, University of Maryland

Jun to Jul 2015

College Park, MD

- Ran a lab experiment, checked in participants, acquired informed consent, and issued payments
- Completed CITI Social and Behavioral Research Training
- Answered study participants' questions about research

Teaching/Advising Experience

Teaching Assistant, Applying Economic Theory in the Practice of Law Aug 2025 to May 2026
Boston College Chestnut Hill, MA

- Served as teaching assistant for Professor John Felter
- Advise and support students in generating research questions, collecting data and running models
- Provide feedback and technical support for student code in Stata and R

Teaching Assistant, Introductory & Intermediate Statistics for Ed. Research Sep 2024 to Dec 2024
Harvard Graduate School of Education Cambridge, MA

- Served as teaching assistant for Dr. Joe McIntyre
- Graded papers, provided feedback to students, and responded to inquiries about course content

Academic Advisor and Proctor Aug 2021 to Jun 2025
Harvard College Cambridge, MA

- Advised first-year students regarding course selection and four-year academic plans
- Collaborated with faculty to create remediation plans for students needing additional support
- Supported honors-council proceedings related to academic integrity
- Served as an officer of the university responding to student emergencies and Title IX cases

Equity and Inclusion Fellow Sep 2018 to Aug 2019
Harvard Graduate School of Education Cambridge, MA

- Co-facilitated intergroup-dialogue workshops with Harvard and Greater Boston groups (over a dozen workshops of 10–60 participants)
- Connected departments within HGSE to promote equity and inclusion
- Provided resources and guidance to staff and faculty on diversity, inclusion and equity

GRE and SAT Instructor Oct 2017 to Aug 2018
Kaplan Inc. Columbia, MD

- Taught GRE and SAT courses for class sizes ranging from 10 to 30 students and offered private lessons
- Averaged a teacher-quality rating of 9.2 out of 10
- Consulted as undergraduate and graduate advisor, edited essays and coached students on application submissions

Teaching Assistant for Professional Writing Program Sep 2016 to Dec 2016
English Department under Professor Pamela Gerhardt, University of Maryland College Park, MD

- Planned and implemented writing lessons for university juniors and seniors
- Edited and graded papers throughout the semester
- Conferred with students during office hours to provide one-on-one editing

Papers & Presentations

Swanson E., Ash J., **Kaplan D.**, Sanbonmatsu L., Staiger D., Kane T.J. (2024) *Trends in Postsecondary Transitions in Rural Areas: A Descriptive Analysis from a Rural Research Network*. Presented poster at: Association for Education Finance Policy 49th Annual Conference, Baltimore, MD. (Presenting Author)

Swanson E., Solowski K., Ash J., **Kaplan D.**, Sanbonmatsu L., T, D., Kane T.J. (2022) *Estimating the Effectiveness of Personalized Messages at Reducing Student Absences: Experimental Evidence from a Rural School Research Network*. Presented paper at: Association for Public Policy and Analysis 2022 Fall Research Conference, Washington, DC. (Presenting Author) Available at: [Link](#)

Johnson B., Bolyard J.A., **Kaplan D.**, Hersh D., Sanbonmatsu L., Staiger D., Kane T.J. (In Progress). *Can Digital Attendance Reminders Reduce Absences? Evidence from Three Randomized Field Trials*.

Kaplan D., Kieninger K., Ash J., Sanbonmatsu L., Staiger D., Kane T.J. (2021) *Every Day Counts Everywhere: Examining Attendance Trends Across Urban, Suburban, Town, and Rural Districts*. Presented paper at: Association for Education Finance and Policy 46th Annual Conference (Presenting Author)

Zippert E., Schneider R., **Kaplan D.**, Ramani G.B. (2016). *Exploring the Role of Preschoolers' Interest and Ability in Number Exploration During Card Game Play with Parents*. Presented poster at: Bringing Cognitive Science Research to the Classroom National Conference; Arlington, VA.

Skills

Modeling and Analysis: STATA, R, Python, Julia, Matlab, CUDA

Object Oriented Programming and Design: Java, L^AT_EX, HTML/CSS