

Hannah Denker

University of Colorado, Boulder - School of Education
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Areas of Interest

Early childhood education, quantitative methods, causal inference, education policy analysis, production of social inequality

Education

University of Colorado, Boulder

PhD Candidate in Research and Evaluation Methodology

Expected May 2023

Advisors: Dr. Allison Atteberry

Comprehensive Exam Committee: Dr. Allison Atteberry, Dr. Mimi Engel, and Dr. Melissa Braaten

Oklahoma State University

Master of Science in Educational Technology, School Library Media

2013

Advisor: Dr. Susan L. Stansberry

Bachelor of Science in Elementary Education

2011

Summa Cum Laude, General Honors Award

Research

University of Colorado, Boulder

Graduate Research Assistant

Supervisor: Dr. Karl Hill

Project Title:

- *High School LifeSkills Training RCT Study* – Coordinated primary data collection efforts via online student survey administration; communicated consistently with school coordinators; drove school and student retention efforts

May 2021 – Present

University of Colorado, Boulder

Graduate Research Assistant

Supervisor: Dr. Allison Atteberry

Project Title:

- *Westminster Public Schools Full-Day Preschool RCT Study* – Conducted student assessments; analyzed data using Stata and Excel; reported results from an RCT studying the effects of full-day preschool on measures of school readiness; wrote academic papers documenting results.

August 2017 – Present

University of Colorado, Boulder

Graduate Research Assistant

Supervisor: Dr. Mimi Engel

Project Titles:

- *Variation in Early Mathematics Instruction Across Grades and Schools in NYC* – Conducted classroom observations; qualitatively coded math standards for K-3rd grades
- *Replication and Robustness in Quantitative Education Research* – Coded characteristics of published studies that indicate they included robustness or replication elements.
- *The Effects of Pre-K Curricula on Outcomes* – Wrote the section of a literature review identifying effective pre-K literacy curricula for child and classroom outcomes in addition to a section describing how early childhood education research has impacted curricula development

August 2018 – Present

Oklahoma State University

Graduate Research Assistant

Supervisor: Dr. Susan Stansberry

- Coordinated the Teacher Education Network (TEN), a new program that supported recent teacher graduates and kept them remotely connected to the university's teacher education program
- Assisted the Professional Education Unit with managing the administrative records of teacher interns

August 2011 – May 2013

Publications

Denker, H. & Atteberry, A. [Under Review]. *Where has all the time gone? Describing time use in full- vs. half-day pre-Kindergarten.*

Conference Presentations

Denker, H., Bassok, D., Engel, M., & Atteberry, A. (2019). *Comparing academic time use across second and third grades* [Paper Session]. Association for Education Finance and Policy Annual Meeting Kansas City, Missouri.

Denker, H., Atteberry, A., & Engel, M. (2019). *And then comes testing: How schools reallocate classroom time when high-stakes testing begins in 3rd grade* [Paper Session]. Association for Public Policy Analysis and Management Annual Meeting Denver, Colorado.

Denker, H. K., Atteberry, A. C., & Engel, M. (2020). *Time to learn: Instructional time use in pre-Kindergarten* [Paper Session]. American Educational Research Association Annual Meeting San Francisco, California. (Conference Cancelled)

Teaching

University of Colorado, Boulder

Graduate Instructor – School of Education Summer Math & Data Course

Supervisor: Dr. Benjamin Shear

- Instructor of an introductory statistics course for incoming PhD students to the School of Education at CU. This course is intended to prepare doctoral students for their first-year quantitative coursework.

August 2020

University of Colorado, Boulder

Graduate Teaching Assistant – Quantitative Methods II

Supervisor: Dr. Allison Atteberry

- Teaching assistant for the second course in a two-course sequence intended to teach linear regression and the Stata program to incoming PhD students in the School of Education. Taught one weekly class lab, held weekly office hours, and provided feedback on assignments

January - May 2020

Oklahoma State University

Graduate Teaching Assistant – Applications of Educational Technologies

Supervisor: Dr. Susan Stansberry

- Instructor for five sections of an educational technology course for undergraduates majoring in education. This course teaches pre-teacher candidates how to meaningfully integrate technology into standards-based lesson plans.

August 2011 – May 2013

Wichita Starbase STEM Academy

Program Assistant/Instructor

- Instructor for 4th and 5th grade students within a day-camp setting. The topics covered in the STEM camp included rocketry, robotics, CAD, chemistry, and renewable energy.

April 2017– July 2017

Wichita Public School District

Elementary Classroom Teacher

McCollom Elementary – Wichita, KS

- Taught 3rd grade in a school that integrated students on the autism spectrum into majority neurotypical classrooms.
- Appointed to School Leadership Committee

August 2014– May 2016

Clark Elementary – Wichita, KS

- Taught 5th grade in a self-contained classroom within a public school in which >85% students were eligible for free- or reduced-priced lunch

August 2013 – May 2014

**Stillwater Public Schools
Elementary Teacher Intern**

Westwood Elementary School – Stillwater, OK

- Taught 2nd grade in a self-contained classroom within a suburban public-school district.
August 2010 – May 2011

Methodological Coursework

- Quasi-Experimental Design
- Multilevel Modeling
- Categorical Data Analysis
- Measurement in Survey Research
- Item Response Theory
- Advanced Topics in Measurement
- Applied Microeconometrics
- Labor Economics

Professional Organizations and Service

University of Colorado Boulder**Finalist Weekend Volunteer**

2018-2019

- Provided support for new applicants to PhD program

American Educational Research Association (AERA)**Student Member**

2017 – Present

Association for Public Policy Analysis and Management (APPAM)**Student Member**

2018 – Present