

# Sarah Crittenden Fuller

Education Policy Initiative at Carolina  
University of North Carolina

sarah.fuller@unc.edu

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## ACADEMIC POSITIONS

Research Associate Professor, University of North Carolina at Chapel Hill Education Policy Initiative at Carolina, Public Policy Department	2021-Present
Research Assistant Professor, University of North Carolina at Chapel Hill Education Policy Initiative at Carolina, Public Policy Department	2015-2020
Research Associate, University of North Carolina at Chapel Hill Education Policy Initiative at Carolina, Public Policy Department	2014-2015
Post-Doctoral Fellow, University of North Carolina at Chapel Hill Education Policy Initiative at Carolina, Public Policy Department	2013-2014

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## EDUCATION

Ph.D. Public Policy, Duke University Concentration: Sociology Dissertation: "Natural Disasters and the Effect on Birth and School Outcomes"	2013
M.A. Public Policy, Duke University	2010
B.A. Psychology and Sociology, University of North Carolina Highest Honors and Distinction	2006

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## RESEARCH INTERESTS

Education Policy; Quantitative Research Methods; High School Interventions; Health Impacts on Education; Natural Disasters; Achievement Gaps

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## PUBLICATIONS

### Peer-Review

Bastian, K.C. & Fuller, S.C. (Forthcoming). "Late but right on time? School start times and academic outcomes for middle grades students." *American Journal of Education*.

Bastian, K.C. & Fuller, S.C. (Forthcoming). "Rise and Shine? School Start Times and Student Outcomes in Elementary Schools." *Educational Evaluation and Policy Analysis*.

- Davis, C.R., Cannon S., & **Fuller, S.C.** (2022). Disruption and Displacement: The Effects of Hurricanes on Schooling. *Natural Hazards Review*, 23(3), 05022004.
- Fuller, S.C.**, Lauen, D.L., & Unlu, F. (2022). Leveraging Experimental and Observational Evidence to Assess the Generalizability of the Effects of Early Colleges in North Carolina. *Education Finance and Policy*. doi: [https://doi.org/10.1162/edfp\\_a\\_00379](https://doi.org/10.1162/edfp_a_00379)
- Fuller, S.C.** & Bastian, K.C. (2022). Saved by the Bell Schedule? The Effects of a Later School Start Time on High Schoolers in an Urban District. *Urban Education*. Online First. <https://journals.sagepub.com/doi/10.1177/00420859211073889>
- Swiderski, T., Lauen, D.L., **Fuller, S.C.**, & Unlu, F. (2021). A Path Towards Citizenship: The Effects of Early College High Schools on Criminal Convictions and Voting. *Social Science Researcher*. <https://doi.org/10.1016/j.ssresearch.2021.102584>
- Unlu, F., Lauen, D., **Fuller, S. C.**, Tsai, T., and Estera E. (2021). Can Quasi-Experimental Evaluations that Rely on State Longitudinal Data Systems Replicate Experimental Results: Findings from a Within-Study Comparison. *Journal of Policy Analysis and Management*. 40(2), 572-613.
- Davis, C.R., Cannon, S., & **Fuller, S.C.** (2021). "The storm after the storm: The long-term lingering impacts of hurricanes on schools." *Disaster Prevention and Management*. <https://doi.org/10.1108/DPM-03-2020-0055>
- Fuller, S. C.** & Bastian, K. C. (2020). The Relationship Between School Start Times and Educational Outcomes. *Current Sleep Medicine Reports*, 6, 1-8.
- Cannon, S., Davis, C.R., & **Fuller, S.C.** (2020). Preparing for the next disaster: Understanding how hurricanes affect educators & schooling. *AASA Journal of Scholarship & Practice*. 17(2) 6-15.
- McEachin, A., Lauen D.L., **Fuller, S.C.**, & Perera, R.M. (2020). Social returns to private choice? Effects of charter schools on behavioral outcomes, arrests, and civic participation. *Economics of Education Review*, 76.
- Bastian, K. & **Fuller S.C.** (2018). Answering the Bell: High School Start Times and Student Academic Outcomes. *AERA Open*. 4 (4).
- McMilliam, M.M., **Fuller, S.C.**, Hill, Z., Duch, K., & Darity, W.A. (2018). "Can Class-Based Substitute for Race-Based Student Assignment Plans?: Evidence from Wake County, NC." *Urban Education*. 53(7).
- Lauen, D., Barrett, N., **Fuller, S.C.**, & Janda, L. (2017). "Early Colleges at Scale: Impacts on Secondary and Postsecondary Outcomes." *American Journal of Education*. 123(4) 523-551.
- Fuller, S.C.** (2014). The Effect of Prenatal Natural Disaster Exposure on School Outcomes. *Demography*. 51(3).
- Fuller, S.C.** & Ladd, H.F. (2013). School Based Accountability and the Distribution of Teacher Quality Across Grades in Elementary Schools. *Education Finance and Policy*. 8(4) 528-55.

## Other Publications

Davis, C.R., Cannon, S., **Fuller, S.C.**, & Long, R. (2019). Lessons Learned: Helping Students and School Personnel Recover from Disaster. *Research Counts: Children and Disaster Special Collection*, 1, 20-22.

Davis, C.R., **Fuller, S.C.**, Cannon, S., & Long, R. (2019). On the Road to Routine: Disruptions and Recovery After Hurricanes. *Research Counts: Children and Disaster Special Collection*, 1, 22-24.

**Fuller, S.C.**, & Davis, C.R. (2016). "The Characteristics and Education Outcomes of American Indian Students in Grades 6–12 in North Carolina (REL 2017–202)." Washington, DC: U.S. Department of Education, Institute of Education Sciences, National Center for Education Evaluation and Regional Assistance, Regional Educational Laboratory Southeast.

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## WORK UNDER REVIEW

**Fuller, S.C.** & Comperatore, A.N. "Does Universal Access to Free School Meals Reduce Inequality in Educational Performance and Behavior?" Revise and resubmit at *Journal of Research on Educational Effectiveness*

Unlu, F., Cook, T.D., Lauen, D.L., & **Fuller, S.C.** "Combining Local Comparison Groups, Pretests and Rich Covariates: How Well do They Collectively Reduce Bias in Non-Equivalent Comparison Group Designs?" *In submission*.

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## WORK IN PROGRESS

"Charter High School Effects on Short and Long Run Outcomes." (with Douglas Lauen, Andrew McEachin, and Joshua Horvath)

"Investigating the Impact of Hurricane Exposure on Student Achievement." (with Cassandra Davis)

"Exclusionary School Discipline and Adult Conviction: Evidence from Population Level State Administrative Data." (with Douglas Lauen and Thomas Swiderski)

"Caught in the Storm: The Effect of Natural Disasters on Academic Performance and Achievement Gaps." (with John McDonnell)

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## POLICY BRIEFS AND EVALUATION REPORTS

Bastian, K.C., Ducille, C., & Fuller, S.C. (2021). *Transformation Through Technical Assistance? Analyses of Survey Data for Teacher Preparation Programs in the US PREP Coalition*. Chapel Hill, NC: Education Policy Initiative at Carolina.

**Fuller, S.C.** & Bastian, K.C. (2021). *Enrollment Shifts between Public and Non-Public Schools During the COVID-19 Pandemic in North Carolina*. Chapel Hill, NC: Education Policy Initiative at Carolina.

Bastian, K.C. & **Fuller, S.C.** (2021). *Teacher and Principal Attrition During the COVID-19 Pandemic in North Carolina*. Chapel Hill, NC: Education Policy Initiative at Carolina.

- Fuller, S.C.**, Rana, R.E., & Prothero, J.B. (2021). *Meals Matter: The Community Eligibility Provision and Student Success in North Carolina*. Chapel Hill, NC: Education Policy Initiative at Carolina.
- Fuller, S.C.** & Bastian, K.C. (2021). *School Enrollment Changes in North Carolina During the COVID-19 Pandemic*. Chapel Hill, NC: Education Policy Initiative at Carolina.
- Fuller, S.C.** & Davis, C.R. (2021). *Academic Progress for Students Following a Hurricane*. Chapel Hill, NC: Education Policy Initiative at Carolina.
- Davis, C.R., Griffard, M.K.R., Bortot, C.K.C., & **Fuller, S.C.** (2021). *The Roles of Schools as Sites for Recovery*. Chapel Hill, NC: Education Policy Initiative at Carolina.
- Davis, C.R., **Fuller, S.C.**, Griffard, M.K.R., & Bortot, C.K.C. (2021). *Assessing Student Attendance, Mental Health, Behavior and Recovery After a Hurricane*. Chapel Hill, NC: Education Policy Initiative at Carolina.
- Fuller, S.C.** & Comperatore, A.N. (2020). *The Effects of the Community Eligibility Provision on Educational Outcomes for Students in North Carolina*. Chapel Hill, NC: Education Policy Initiative at Carolina.
- Davis, C., **Fuller, S.**, Cannon, S.R., Long, R., & Shields, J., (2019). *Lessons Learned from Educators on School Recovery Following Hurricanes in Texas and North Carolina: Research Brief*. Chapel Hill, NC & Austin, TX: Education Policy Initiative at Carolina & Gibson Consulting Group.
- Davis, C., **Fuller, S.**, Cannon, S.R., Long, R., & Shields, J., (2019). *Promising Practices when Schools are Hit by Hurricanes*. Chapel Hill, NC & Austin, TX: Education Policy Initiative at Carolina & Gibson Consulting Group.
- Davis, C., **Fuller, S.**, Cannon, S.R., Long, R., & Shields, J., (2019). *Beneficial Supports for Students and Educators During Hurricane Recovery*. Chapel Hill, NC & Austin, TX: Education Policy Initiative at Carolina & Gibson Consulting Group.
- Fuller, S.** & Comperatore, A. (2018) *A Free Lunch: The Community Eligibility Provision and Test Scores, Absences, and Suspensions in North Carolina*. Chapel Hill, NC: Education Policy Initiative at Carolina.
- Bastian, K., **Fuller, S.**, Davis, C.R. (2017). *Durham Public School Start-Time: Analysis of 2017 Survey Results*. Chapel Hill, NC: Education Policy Initiative at Carolina.
- Bastian, K. & **Fuller, S.** (2017). *Answering the Bell: High School Start Times and Student Academic Outcomes*. Chapel Hill, NC: Education Policy Initiative at Carolina.
- Davis, C.R., **Fuller, S.**, Marks, J., Wang, X., & Liu, Y. (2016). *Gaining Early Awareness and Readiness for Undergraduate Programs North Carolina: Year Two Impact Study – Annual Formative Report*. Chapel Hill, NC: Education Policy Initiative at Carolina.
- Bastian, K.C. & **Fuller, S.C.** (2015). *The North Carolina Principal Fellows Program: A Comprehensive Evaluation*. Education Policy Initiative at Carolina.

Davis, C.R., **Fuller, S.C.**, Marks, J.T., Comperatore, A.N., Cain, J.M., Heintz, S.K., Roy, M., & Lui, Y. (2015). *Gaining Early Awareness Readiness for Undergraduate Programs North Carolina (GEAR UP NC): Impact Student-Interim report*. Chapel Hill, NC: Education Policy Initiative at Carolina.

**Fuller, S.**, Roy, M., Belskaya, O., & Leland, E. (2015). *Local Education Agency Race to the Top Expenditures: Final Analysis of Expenditure Patterns and Related Outcomes*. Chapel Hill, NC: Education Policy Initiative at Carolina.

Marks, J.T., **Fuller, S.C.**, Guthrie, J.E., Henry, G.T., Stallings, D.T. (2015) *North Carolina Race to the Top Summative Impact Report*, (prepared for North Carolina Department of Public Instruction and U.S. Department of Education)

Barrett, N., **Fuller, S.**, & Janda, L. (2014). *A Preliminary Cost Analysis of North Carolina's Race to the Top Initiatives*. Chapel Hill, NC: Education Policy Initiative at Carolina.

Davis, C.R., Patterson-Marcinkevich, T, Smallenberger, M., **Fuller, S.**, & Janda, L. (2014). *An Evaluation of the G.R.E.A.T. Program in Durham Public Schools*. Chapel Hill, NC: Education Policy Initiative at Carolina.

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## RESEARCH and EVALUATION FUNDING

Institute of Education Sciences, \$ 988,118	2022-2025
Co-Principal Investigator (PI: Michael Maher; Co-PIs: Jeni Corn, Karl Pond, Douglas Lauen, Kevin Bastian)	
<i>Assessing the Long-Term Impacts of School Extension Programs on Student Re-Engagement and Learning Recovery</i>	
Spencer Foundation, \$469,444	2022-2024
Principal Investigator (Co-PIs: Kevin Bastian & Eric Houck)	
<i>Back to Normal? The Long Run Effects of the COVID-19 Pandemic on Student, Educator, and School Outcomes</i>	
University of North Carolina System, \$131,000	2021-2022
Co-Principal Investigator (PI: Kevin Bastian; Co-PI: Danielle Allen)	
<i>North Carolina Principal Fellows Program Evaluation</i>	
Foundations for the Carolinas, \$21,687	2021-2022
Principal Investigator (Co-PI: Kevin Bastian)	
<i>Long Term Outcomes of Early Literacy</i>	
North Carolina Department of Public Instruction, \$299,940	2021-2023
Principal Investigator (Co-PI: Julie Marks)	
<i>Rethinking K-12 Education Evaluation</i>	
University of North Carolina System, \$671,332	2020-2023
Principal Investigator (Co-PI: Cassandra Davis)	
<i>GEAR UP North Carolina Evaluation and Research Project</i>	

Russell Sage Foundation, \$19,968 Principal Investigator <i>Caught in the Storm: The Effect of Natural Disasters on Academic Performance and Achievement Gaps</i>	2020-2021
National Science Foundation, \$199,865 Co-Principal Investigator (PI: Cassandra Davis) <i>Investigating School District Resilience and the Impact of Hurricane Exposure on Student Outcomes</i>	2019-2020
Spencer Foundation, \$49,940 Co-Principal Investigator (PI: Douglas Lauen) <i>Exclusionary School Discipline and Adult Conviction: An Exploratory Study</i>	2018-2019
Robert Wood Johnson Foundation, \$193,165 Co-Principal Investigator (PI: Kevin Bastian) <i>Conducting a Comprehensive Analysis of School Start Times to Determine the Impact on Students' Health</i>	2018-2020
National Science Foundation, \$199,934 Co-Principal Investigator (PI: Cassandra Davis, Co-PI: Sarah Cannon) <i>Investigating the Impact of Hurricanes and School Responses on Students in Texas and North Carolina</i>	2017-2018
Spencer Foundation, \$45,996 Principal Investigator (Co-PI: Adrienne Smith) <i>Does Universal Access to Free School Meals Reduce Inequality in Educational Performance and Behavior?</i>	2016-2017
University of North Carolina System, \$1,111,295 Co-Principal Investigator (PIs: Julie Marks, Cassandra Davis, Daniel Gitterman) <i>GEAR UP NC Research Plan</i>	2015-2018
Regional Education Laboratory Southeast, \$236,610 Principal Investigator (Co-PI: Cassandra Davis) <i>The Schooling Experience of North Carolina's American Indian Students</i>	2014-2016

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## PRESENTATIONS

**Fuller, S.C.** & McDonnell, J. (2022). *Caught in the Storm: The Effect of Natural Disasters on Academic Performance and Achievement Gaps*. RSF and William T. Grant Foundation: Improving Education and Reducing Inequality Conference. New York, New York, May.

**Fuller, S.C.**, Lauen, D.L., & Cassidy, C. (2021) *Goodness of Fit: Early Colleges on University Campuses*. Paper Session at the Dual Enrollment: Accelerating Educational Attainment Conference, Virtual. September.

**Fuller, S.C.** & Bastian, K.C. (2021). *Where the Children are: School Enrollment Changes during the COVID-19 Pandemic*. Panel Session for the Annual Meeting of the Association for Education Policy and Finance, Virtual. March.

- Fuller, S.C.** & Davis, C.R. (2020). *Investigating the Impact of Hurricane Exposure on Student Achievement and Behavior*. Panel Session for the Annual Meeting of the Association for Education Policy and Finance, Virtual, March.
- Bastian, K.C. & **Fuller, S.C.** (2020). *Rise and Shine? School Start Times and Student Outcomes in Elementary Schools*. Panel Session for the Annual Meeting of the Association for Education Policy and Finance, Virtual, March.
- Davis, C.R., Cannon, S., & **Fuller, S.C.** (2019). *From Disaster to Recovery: Educators' Perception of Hurricane Impact on Schooling and School Responses*. Presentation to the United States Department of Education.
- Fuller, S.C.** & Comperatore, A. (2018). *Does Universal Access to Free School Meals Reduce Inequality in Educational Performance and Behavior?* Panel Session for the Association for Public Policy Analysis and Management, Washington, D.C. November.
- Davis, C.R. & **Fuller, S.C.** (2018). *From Disaster to Recovery: Educators' Perceptions of Hurricane Impact on Schooling and School Response*. Presentation to the Federal Emergency Management Agency. October 30, 2018.
- Fuller, S.C.** & Comperatore, A. (2018). *Does Universal Access to Free School Meals Reduce Inequality in Educational Performance and Behavior?* Panel Session for the Annual Meeting of the Association for Education Finance and Policy, Portland, OR, March.
- Fuller, S.C.** & Comperatore, A. (2017). *Does Universal Access to Free School Meals Reduce Inequality in Educational Performance and Behavior?* Poster Session for the Association for Public Policy Analysis and Management, Chicago, IL. November.
- Bastian, K.C. & **Fuller, S.C.** (2016). *High School Start Times and Student Outcomes: Evidence from North Carolina*. NC House Select Committee on Education Strategies and Practices. Raleigh, NC, October.
- Davis, C.R. & **Fuller, S.C.** (2016). *Leaving School Behind: Causes and Predictors of Dropping Out from a Local, National, and International Perspective*. NC Department of Public Instruction Collaborative Conference for Student Achievement, Greensboro, NC, March.
- Fuller, S.C.**, Roy, M., Liu, Y., & White, C.C. (2016) *The Effect of the Gaining Early Awareness and Readiness for Undergraduate Programs Grant on College Enrollment, Competitiveness, and Retention in North Carolina*. Panel Session for the Association for Education Finance and Policy, Denver, CO, March.
- Fuller, S.C.**, Davis C.R., Kosanovich, M., & Hughes, J. (2015) *The Experience of North Carolina American Indian Students: A Report on Performance Outcomes and Educational Resources for American Indian Students Attending Public Middle and High Schools in North Carolina*. NC State Board of Education, Raleigh, NC, November.

- Fuller, S.C.,** Davis C.R., & Kosanovich, M. (2015) *The Experience of North Carolina American Indian Students: A Report on Performance Outcomes and Educational Resources for American Indian Students Attending Public Middle and High Schools in North Carolina*. Meeting of the State Advisory Committee on Indian Education, Raleigh, NC, July.
- Fuller, S.C.** & Davis C.R. (2015) *The Experience of North Carolina American Indian Students: A Report on Performance Outcomes and Educational Resources for American Indian Students Attending Public Middle and High Schools in North Carolina*. NC State Board of Education, Raleigh, NC, November.
- Davis, C.R., **Fuller, S.C.**, White, C.C. (2015) *From Data to Action: Using a Mixed-Methods, Longitudinal Research Evaluation for Ongoing Improvement in GEAR UP - North Carolina*. Session for the National Council for Community and Education Partnerships Annual Conference, San Francisco, CA, July.
- Fuller, S. C.** & Barrett, N. (2014). *The Relationship between Teacher Credentials and Student Outcomes in Early Elementary Grades*. Panel Session for the Association for Education Finance and Policy, San Antonio, TX, March.
- Fuller, S. C.** (2013). *The Effect of Natural Disasters on Students in School*. Panel Session for the Association for Education Finance and Policy, New Orleans, LA, March.
- Fuller, S. C.** & Ladd, H. F. (2013). *School Based Accountability and the Distribution of Teacher Quality Across Grades in Elementary Schools*. Panel Session for the Annual CALDER Research Conference, Washington, D.C., February.
- Fuller, S.C.** (2012). *The Effect of Natural Disasters on Students in School*. Poster Session for Association for Public Policy Analysis and Management, Baltimore, MD, November.
- Fuller, S.C.** (2012). *The Effect of Natural Disaster Exposure on Prenatal Health and Birth Outcomes*. Panel Session for American Sociological Association Annual Meeting, Denver, CO, August.
- Fuller, S.C.** (2012). *The Effect of Prenatal Disaster Exposure on Educational Outcomes at Third Grade*. Panel Session for Population Association of America, San Francisco, CA, May.
- Fuller, S. C.** & Ladd, H. F. (2012). *School Based Accountability and the Distribution of Teacher Quality Among Grades in Elementary Schools*. Panel Session for the Association for Education Finance and Policy, Boston, MA, March.
- Fuller, S.C.** (2011). *The Effect of Prenatal Natural Disaster Exposure on School Outcomes*. Panel Session for Association for Public Policy Analysis and Management, Washington, DC, November.

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## TEACHING EXPERIENCE & ADVISING

### Graduate Advising:

- 2024 expected - Heidi Coleman, Ph.D. Education, comprehensive exam committee member
- 2022 - Tom Swiderski, Ph.D. Public Policy, dissertation committee member

Undergraduate Advising:

2022 – John McDonnell, B.A. Public Policy, honors thesis advisor

Instructor, *Quantitative Methods for Public Policy*, University of North Carolina, Spring 2015 & Spring 2016

Instructor, *Research Design for Public Policy*, University of North Carolina, Spring 2014

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## HONORS AND FELLOWSHIPS

Women ADVANCE Leadership Program	2021-2022
Sulzberger Family/Dan Levitan Social Policy Graduate Research Fellowship, Center for Child and Family Policy, Duke University	2012-2013
Conference Travel Fellowship, Duke University	2012
Summer Research Fellowship, Duke University	2012
James B. Duke Fellowship, Duke University	2008-2012
Conference Travel Fellowship, Duke University	2011
Phi Beta Kappa	2006
Davie Scholarship, University of North Carolina	2002-2006
National Merit Scholarship, University of North Carolina	2002-2006

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## PROFESSIONAL AFFILIATIONS

Association for Education Finance and Policy, member

Association for Public Policy Analysis and Management, member

American Educational Research Association, member

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## SERVICE

Master of Public Policy Committee Department of Public Policy, University of North Carolina	2021-present
Conference Program Committee Member, Association for Education Finance and Policy	2022
Member, Faculty Education Policy Committee Chair, Subcommittee on Secondary Admissions Process for Undergraduate Majors	2020-present
Graduate Student Representative, Duke University	2011-2013

Organizer, Sanford Graduate Research Workshop, Duke University 2011-2012

Referee Service: Educational Evaluation and Policy Analysis, Sociology of Education, International Education Studies, Economics of Education Review, Education Finance and Policy, International Journal of Disaster Risk Reduction, Journal of Research on Educational Effectiveness, Higher Education Quarterly, The High School Journal

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**OTHER EMPLOYMENT**

Policy Analyst, Public Impact, Chapel Hill NC 2006-2008

Intern, NC Prevention Partners, Chapel Hill NC 2005-2006

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**PRESS COVERAGE**

Washington Post; Huffington Post; News and Observer; Charlotte Observer; Newark Star-Ledger; Boston Public Radio; NBCNews.com; Conditions of Education in California Blog; Science Daily; EducationNC; ABC11.