JESSICA DRESCHER

jesscdrescher@gmail.com • 207-299-3434

RESEARCH INTERESTS

Inequality, education, social mobility, social policy, opportunity, higher education, early childhood, child wellbeing

EDUCATION

Ph.D., Stanford University   2023
  Education Policy
  Minor: Social Policy Analysis, Sociology
  Certificate in Quantitative Research in Education
  Predoctoral Research Fellow, Center for Population Health Sciences
  Dissertation Committee: Sean Reardon, Keith Humphreys, Ben Domingue, Alvin Pearman
Ed.M., Harvard University   2016
  Education Policy & Management
B.A., Colby College   2012
  Sociology *with distinction*

FELLOWSHIPS & AWARDS

Robert Wood Johnson Foundation Health Policy Research Scholar	$120,000	2020 – 2023
Stanford Karr Family Graduate Fellowship	$24,768	2021 – 2023
APPAM Equity & Inclusion Fellowship (includes hotel & conference fees)	$1,500	2022
Russell Sage Foundation & William T. Grant Foundation Educational Opportunity Grant	$9,952	2020 – 2021
Institute of Education Sciences Graduate Research Fellowship	$120,000	2018 – 2021
Stanford Enhancing Diversity in Graduate Education Fellowship	$12,800	2018 – 2021
Harvard Leadership in Education Award	$21,640	2015 – 2016
Harvard Louis and Ida Tatelman Award (one university recipient per year)	$21,640	2015 – 2016
Maine Senator George J. Mitchell Scholar	$24,000	2007 – 2012
Quest Scholar, QuestBridge		2007 – 2012

PEER-REVIEWED PUBLICATIONS

Drescher, J. & Domingue, B. (2023). The Distribution of Child Physicians and Early Academic Achievement. *Health Services Research*. 1-10. doi:10.1111/1475-6773.14188

Drescher, J., Podolsky, A., Reardon, S.F., & Torrance, G. (2022). The Geography of Rural Educational Opportunity. *RSF: The Russell Sage Foundation Journal of Social Sciences*. 8(3), 123-149. doi.org/10.7758/RSF.2022.8.3.05
  Media: Brookings, Chalkbeat, RSF

Drescher, J., Steyer, L., Townley-Flores, C., & Humphreys, K. (2022). Has the Opioid Crisis Affected Student Learning? A National Analysis of Growth Rates. *The ANNALS of the American Academy of Political and Social Science, 703*(1), 234–261. doi.org/10.1177/00027162231151524
  Media: Webinar hosted by AAPSS & Institute for Research on Poverty

MANUSCRIPTS IN PREPARATION

Drescher, J., Kiang, M., & Humphreys, K. The Impact of the Opioid Crisis on Student Achievement.
Drescher, J. Creating Trauma-Informed Schools, By All Means Necessary: Examining Collective Impact in a Rural Setting.

PREPRINTS

Boyle, J.C. & Domingue, B. (2021). The Maldistribution of Pediatric Providers as a Potential Driver of Reduced Educational Outcomes. medrxiv. doi: 10.1101/2021.05.24.21257733.

OTHER PUBLICATIONS

Drescher, J. and Townley-Flores, C. (2023). Counties with Higher Prescription Opioid Presence Have Slower Student Learning Rates. *Lerner Center Population Health Research Brief Series*. 219. https://surface.syr.edu/lerner/219
Drescher, J. & Torrance, G. (2022). What is the status of educational opportunity in rural America? *Brown Center Chalkboard,* The Brookings Institution. https://www.brookings.edu/blog/brown-center-chalkboard/2022/07/13/what-is-the-status-of-educational-opportunity-in-rural-america/

White, S., & **Boyle, J.C.** (2021). Collaborative Action in a Rural Setting: Insights from Resilient Southern Illinois. Cambridge, MA: Education Redesign Lab at Harvard University.

Sacks, L., Sedaca, M., & **Boyle, J.C.** (2019). Sustaining Cross-Sector Systems of Opportunity for Children: Interim Lessons from the By All Means Consortium. Cambridge, MA: Education Redesign Lab at Harvard University.

Sacks, L., & **Boyle, J.C.** (2018). Building City-Wide Systems of Opportunity for Children: Initial Lessons from the By All Means Consortium. Cambridge, MA: Education Redesign Lab at Harvard University.

CONFERENCE PRESENTATIONS

The Impact of the Opioid Crisis on Children's Academic Achievement, Association for Public Policy Analysis and Management (APPAM) Research Conference, Washington, DC, November 2022.

The Impact of the Opioid Crisis on Student Achievement, Russell Sage Foundation Conference: Improving Education and Reducing Inequality, New York, NY, May 2022.

The Impact of the Opioid Crisis on Student Achievement and Growth, Association for Public Policy Analysis and Management (APPAM) Research Conference, Austin, TX, March 2022. [Could not participate in scheduled panel due to COVID-19 exposure.]

Understanding How Geography Shapes Opportunities and Outcomes for Children, Association for Public Policy Analysis and Management (APPAM) Research Conference, Remote, November 2020.

The Geography of Rural Educational Opportunity, Russell Sage Foundation Conference: Growing Up in Rural America, Remote, October 2020.

Creating Trauma-Informed Schools, By All Means Necessary: Examining Collective Impact in a Rural Setting, American Educational Research Association (AERA) Annual Meeting, San Francisco, CA, April 2020. [Canceled due to COVID-19.]

The Geography of Rural Educational Opportunity, Association for Education Finance and Policy (AEFP) Annual Conference, Remote, March 2020.

Building City-Wide Systems of Opportunity for Children: Initial Lessons from the By All Means Consortium, Association for Public Policy Analysis and Management (APPAM) Research Conference, Denver, CO, November 2019.

It Takes A City: Lessons from a Systems-Change Network, American Educational Research Association (AERA) Annual Meeting, Toronto, ON, April 2019.

Navigating the Policy Landscape: How Nonprofit Coalitions Amplify Impact, Student Research Conference, Harvard University, Cambridge, MA, March 2016.

WORK EXPERIENCE

Research Assistant, **Stanford University**, Stanford, CA: September 2018-Present
- Conduct rigorous research that uses quantitative statistical methods to examine questions relevant to education.
- Manage team research projects from initial hypothesis generation, to data collection and analysis, to publication.
- Communicate results through skillfully crafted presentations, peer-reviewed publications, and articles accessible to the general public.

Research Fellow, **Mathematica**, Princeton, NJ: July 2022-Present
- Team member on research projects spanning the subjects of education, child welfare, and family planning.

Teaching Assistant, **Stanford University**, Stanford, CA: March 2022-June 2022
- Teach ~25 PhD, MA, and MS students Descriptive Social Science Research Techniques (with Prof. Sean Reardon)
- Teach ~20 PhD, MBA, MA, and undergrad students Education Policy in the U.S. (with Prof. Alvin Pearman)

Research Fellow, **North Carolina Office of the Governor**, Raleigh, NC: June 2020-September 2020
- Interdisciplinary summer research opportunity in service of creating evidence-based social policy.

Research & Communications Manager, **Harvard University**, Cambridge, MA: September 2016-August 2018
- Conducted research on cross-sector city government work to produce six in-depth case studies.
- Organized biannual site visits to six communities to observe cabinet meetings and interview senior leadership.
- Partnered with community-based consultants to implement changes based on case study research.
- Managed key aspects of the fundraising and budget reporting processes.
- Recruited and oversaw ~15 research assistants and fellows.

Senior Diversity Coordinator, **Harvard University**, Boston, MA: July 2015-September 2016
- Managed the Summer Program in Biostatistics and Computational Biology, an NIH-funded program that seeks to build the pipeline of talented underrepresented students pursuing advanced study in STEM fields.
  - Increased visits to the program website by 278% during application season.
  - Increased summer program applications by 70% and visiting faculty applications by 200%.
  - Organized and expanded the annual research symposium, doubling its audience.

- o Served as point of contact and mentor for 16 undergraduate participants.
- o Managed annual grant reporting to the NIH.

Development Coordinator, **MIT School of Science**, Cambridge, MA: March 2013-July 2015
- Managed 10+ alumni events annually, from VIP board meetings to large public lectures.
- Secured funding for pipeline-building STEM programs by writing successful grant proposals to local foundations.
- Executive Editor of *Science@MIT*, a biannual newsletter with a readership of over 25,000 MIT alumni.
- Designed printable materials used to promote MIT's scientific enterprise, including programs, brochures, and posters.
- Recipient of MIT Spot Award.

LEADERSHIP EXPERIENCE & COMMUNITY PARTICIPATION

GSE Mentor, Stanford Graduate School of Education, Palo Alto, CA: Sept 2021-Present
Co-Lead, **Syllabus Review Project**, Stanford Graduate School of Education, Palo Alto, CA: Sept 2020-June 2021
Member, **ProjectQED (LGBTQ+)***,* Stanford Graduate School of Education, Palo Alto, CA: Sept 2018-June 2020
Orientation Facilitator, **Dean's Office**, Stanford Graduate School of Education, Palo Alto, CA: Sept-Dec 2019
Big Sister, **Big Sister Association of Greater Boston**, Boston, MA: Dec 2016-Aug 2018
Community Lead, **QueerEd**, Harvard University, Cambridge, MA: Sept 2015-May 2016
Proposal Committee, **Alumni of Color Conference**, Harvard University, Cambridge, MA: Sept 2015-May 2016
Member, **Comunidad Latinx**, Harvard University, Cambridge, MA: Sept 2015-May 2016
Founder, **Colby's First Generation to College Program**, Waterville, ME: Sept 2010-June 2012
Student Representative, **Education Policy Committee**, Colby's Board of Trustees, Waterville, ME: Sept 2010-June 2012
Student Representative, **Committee on Admissions & Financial Aid**, Colby College, Waterville, ME: Sept 2010-June 2011
Assistant Director, **Colby Volunteer Center**, Colby College, Waterville, ME: September 2010-June 2011

SOFTWARE/ADDITIONAL SKILLS

Highly proficient in the Stata, NVivo, Qualtrics, Microsoft Office suite, Adobe Creative Suite, PageMaker, FileMaker Pro, and Advance. Working knowledge of R, ArcGIS, Drupal, WordPress, and SPSS, and a quick study in new programs/software. Experienced writer and public speaker.