

HANNAH MILLER

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SUMMARY

- Ten years of experience designing and conducting both quantitative and qualitative research studies
- Experienced project manager conducting contract and grant work for federal and state agencies as well as foundations
- Skilled at communicating research methods and findings to diverse audiences and building others' research capacity
- Detailed and thorough reviewer of research studies and evidence, public budgets and other financial documents

PROFESSIONAL EXPERIENCE

Civilytics Consulting

Senior Partner, 2021 – Present

- Responsible for growing corporate capacity to serve a larger and more diverse client base in K-12 education, higher education, child and family welfare, and community safety and wellbeing
- Assemble analytic datasets, document data quality issues, and determine how to present findings in accessible, useful ways for broad audiences
- Work with community groups to access, analyze, and visualize their budgets and local government performance data

Abt Associates, Social and Economic Policy Division

Associate, 2018 – 2021

Senior Analyst, 2016 – 2018

- **Project Director, Study of GEAR UP State Grantees' Scholarship Provision and Other Activities (2019–2021).** Led all aspects of a descriptive study of how state grantees for the federal college access program GEAR UP administer scholarships and connect students with financial aid. Drafted interview and survey protocols, prepared OMB package, led analysis of state data. Met with client, program office, and stakeholder groups. Prepared and managed budget. (Client: U.S. Dept. of Education, 3 years, ~\$1.1 million)
- **Deputy Project Director, Evaluation of Effectiveness of Promising Strategies in Federal College Access Programs (2016–2021).** Impact study of two enhanced advising approaches within different federal college access programs. Co-authored reports and briefs on impact of [enhanced advising](#) and text-message-based advising on college application, enrollment, and persistence. (Client: U.S. Dept. of Education, 10+ years, ~\$12 million)

EDUCATION

University of Wisconsin-Madison

Ph.D. in Sociology, 2016
M.S. in Sociology, 2012

Denison University

B.A. in Sociology, 2010

TRAININGS

- Propensity Score Matching Workshop (Univ. of Arizona)
- Structural Equation Modeling Workshop (Univ. of Maryland)
- 40-hour Project Director Development Program

AWARDS

- IES Pre-Doctoral Training Fellowship, 2010-14
- AERA Dissertation Grant, 2015-16

TECHNICAL EXPERIENCE

Software – Stata, R, Excel

Databases – National Student Clearinghouse, IPEDS, ELS

Analysis Methods – Quasi-experimental and experimental methods, multilevel models, survey design and analysis, qualitative coding, dimension reduction and factor analysis.

- **Project Director, Comprehensive Literacy Program Evaluation, Subcontract to American Institutes for Research (2018–2021).** Implementation evaluation of a discretionary grant program aimed at improving literacy education for disadvantaged students. Led Abt's portion of the study. Developed survey instruments for teachers, principals, and district staff, including developing protocols for piloting instruments and recruiting pilot participants. Conducted interviews with state officials. Developed site visit plan for classroom observations. Oversaw all project management tasks. (Client: American Institutes for Research, 4 years, ~\$875,000)
- **Project Director, Federal Work Study Experiment within Low-Cost Quick Turnaround Evaluations of Federal Financial Aid Information and Delivery Strategies Contract (2020-2021).** Prepared evaluation logic model, identified appropriate outcomes and methods for measurement, and prepared request for corresponding administrative data. (Client: U.S. Dept. of Education)
- **Interview Lead, Family College Planning Tool (2020–2021).** Conducted literature review and synthesis of existing research on how families plan for higher education expenses and financing options. Conducted interviews with expert practitioners to develop a tool for families planning for these expenses. (Client: Consumer Financial Protection Bureau)
- **Reviewer, WWC Postsecondary Education, Postsecondary Preparation Evidence Reporting (2017–2021).** Reviewed articles for Intervention Reports and Practice Guides. Drafted Intervention Report on InsideTrack Coaching. Supervised a team of abstract screeners to identify studies eligible for review. (Client: U.S. Dept. of Education)
- **Implementation Task Lead, Evaluation of Investing in Innovation (i3) (2016–2019).** Reviewed and provided feedback on evaluators' implementation plans prior to data collection; reviewed findings to determine whether interventions met i3-defined standards for adequate fidelity. Trained and supervised other staff on conducting implementation fidelity review work. Prepared public use data file and codebook with implementation findings. (Client: U.S. Dept. of Education)
- **Associate, Impact Evaluation of Academic Language Interventions (2016–2019).** Designed surveys for multiple respondents (intervention developer, district coaches, teachers) to assess implementation fidelity, implementation supports, and challenges. Analyzed data from teacher surveys, supervised data cleaning by junior staff, and calculated survey and observation response rates. Helped develop a classroom observation checklist and associated training materials for observers. (Client: MDRC)
- **Additional Selected Project Work at Abt**
 - Co-authored [practical guide](#) to establishing baseline equivalence (Client: U.S. Dept. of Education)
 - Conducted systematic reviews of afterschool programs (Client: Wallace Foundation) and of the impact of mental health interventions, substance abuse treatment services, and parenting programs on health and other outcomes (Client: U.S. Dept. of Health and Human Services)
 - Analyzed college survey data for Federal Student Aid (FSA) Experimental Sites study examining impact of allowing colleges to require additional student loan counseling (Client: U.S. Dept. of Education)
- **Business Development Work at Abt**
 - Technical writer for two successful U.S. Dept. of Education bids (Federal Student Aid Blanket Purchase Agreement, Comprehensive Literacy Program Evaluation)
 - Cost lead for ACF Understanding Children's Transitions from Head Start to Kindergarten bid and technical writer for second ACF bid
 - Proposal manager for U.S. Dept. of Education Technical Assistance Supporting Evidence-Building and Use bid

- Proposal manager for 13 individual program developers (prime) applying to the OII Education Innovation and Research (EIR) Grants Competition; also prepared budget and drafted evaluation design for two EIR grants, one of which was successful

Institute for Research on Poverty

Research Assistant, 2014 – 2016

Coded, managed, analyzed, and reconciled large-scale administrative data, accurately matching over a million records from multiple state agencies. Conducted retrospective descriptive and inferential analyses, including using difference-in-differences models. Co-authored [article](#) published in *The Journal of Housing Economics*.

Wisconsin Center for Education Research

Research Assistant, 2010 – 2014

Collected, entered, and analyzed data from a multiyear, multisite randomized controlled trial of an educational intervention. Conducted analyses using instrumental variables regressions and factor analysis. Co-authored [articles](#) published in the *American Journal of Education* and *Journal of Children's Services*. Presented research at 5 national conferences.

Mathematica Policy Research

Pre-Doctoral Intern, Spring 2013

Conducted retrospective analyses of teacher and student data to co-author a [report](#) on measuring teacher effectiveness.

PUBLICATIONS

Linkow, Tamara, Amanda Parsad, Alina Martinez, and **Hannah Miller**. (2021). [Study of Enhanced College Advising in Upward Bound: Impacts on Where and How Long Students Attend College](#) (NCEE 2022-02r). Washington, DC: U.S. Department of Education.

Gamoran, Adam, **Hannah Miller**, Jeremy Fiel, and Jessa Lewis Valentine. (2021). [Social Capital and Student Achievement: An Intervention-Based Test of Theory](#). *Sociology of Education*.

Linkow, Tamara, **Hannah Miller**, Amanda Parsad, Cristofer Price, and Alina Martinez. (2021). [Study of College Transition Messaging in GEAR UP: Impacts on Enrolling and Staying in College](#) (NCEE 2021-005). Washington, DC: U.S. Department of Education.

Carlson, Deven, Robert Haveman, Sohyun Kang, **Hannah Miller**, Alex Schmidt, and Barbara Wolfe. (2019). [The Effect of Housing Assistance on Student Achievement: Evidence from Wisconsin](#). *Journal of Housing Economics* 44: 61-73.

Martinez, Alina, Tamara Linkow, **Hannah Miller**, and Amanda Parsad. (2018). [Study of Enhanced College Advising in Upward Bound: Impacts on Steps Toward College](#) (NCEE 2019-4002). Washington, DC: U.S. Department of Education.

Wolf, Anne, Cristofer Price, **Hannah Miller**, and Beth Boulay. (2017). [Establishing Baseline Equivalence: A Practical Guide for Evaluators](#). Washington, DC: U.S. Department of Education.

Miller, Hannah, Jessa Lewis Valentine, Rachel Fish, and Michelle Robinson. (2016). [Is the Feeling Mutual? Parent-Teacher Relationships in Low-Income, Predominantly Latino Schools](#). *American Journal of Education* 123(1): 37-67.

McDonald, Lynn, **Hannah Miller**, and Jen Sandler. (2015). A Social Ecological, Relationship-Based Strategy for Parent Involvement: Families and Schools Together (FAST). *Journal of Children's Services* 10(3): 218-230.

Chaplin, Duncan, Brian Gill, Allison Thompkins, and **Hannah Miller**. (2014). [Professional Practice, Student Surveys, and Value-Added: Multiple Measures of Teacher Effectiveness in the Pittsburgh Public Schools](#). (REL 2014-024). Washington, DC: Regional Educational Laboratory Mid-Atlantic.