

A. BROOKS BOWDEN

Curriculum Vitae

February 20, 2025

CONTACT INFORMATION

University of Pennsylvania
Graduate School of Education
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Philadelphia, PA 19104

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Citizenship: USA

CURRENT APPOINTMENTS

2023-Present Associate Professor, Graduate School of Education, University of Pennsylvania
2021-Present Director, Center for Benefit-Cost Studies of Education, University of Pennsylvania
2025-Present Director, University of Pennsylvania Predoctoral Training Program in
Interdisciplinary Methods for Field-based Research in Education
2022-Present Editor, Educational Evaluation and Policy Analysis

EDUCATION

Ph.D. Columbia University, Education Policy, 2014
M.S.Ed. University of Pennsylvania, Education Policy, 2007
M.S. Auburn University, Psychology, 2003
B.A. Auburn University, Psychology, 2002

HONORS AND PROFESSIONAL AWARDS

Alumni Career Award, Teachers College, Columbia University, 2024
Early Career Award, Society for Research on Educational Effectiveness, 2022
Outstanding Policy Report - Long, American Education Research Association, Division L, 2021
Outstanding Peer Reviewer, Education Evaluation & Policy Analysis, 2021
Recognition of Service Award, Graduate School of Education, University of Pennsylvania, 2020
Outstanding Early Career 40 for 40 Award, Association for Public Policy Analysis & Management, 2018
Provost's Doctoral Dissertation Grant, Teachers College, Columbia University, 2014
Emerging Education Policy Scholars Fellowship, Thomas B. Fordham Institute and AEI, 2014
Doctoral Research Fellowship, Teachers College, Columbia University, 2012 - 2013
Teachers College General Scholarship, Teachers College, Columbia University, 2008-2012
Policy, Management, and Evaluation Scholarship, University of Pennsylvania, 2006 - 2007

SPECIALIZATION AND RESEARCH INTERESTS

Economics of education, designing experimental and quasi-experimental evaluations, economic evaluation methods, community partnerships to address poverty in the classroom, transitions from high school to postsecondary and the labor market, and early childhood programming and policy.

BOOKS

Levin, H.M., McEwan, P.J., Belfield, C.R., Bowden, A.B., & Shand, R. (2018). *Economic Evaluation in Education: Cost-Effectiveness and Benefit-Cost Analysis*, 3rd Edition. Sage Publications: Thousand Oaks, CA.

ARTICLES IN REFEREED JOURNALS

19. Bowden, A.B., Bernard, J., Davis, R.A. (Online, 2024). Leveraging Home Reading to Strengthen Literacy Development in Kindergarten. *Journal of Research on Educational Effectiveness*, 1-29. <https://doi.org/10.1080/19345747.2024.2430583>
18. Dong, N., Li, W., Maynard, R., Spybrook, J., Kelcey, B., & Bowden, A. B. (Online, 2024). Advantages of Monte Carlo Confidence Intervals for Incremental Cost-Effectiveness Ratios: A Comparison of Five Methods. *Journal of Research on Educational Effectiveness*. <https://doi.org/10.1080/19345747.2024.2393412>
17. Schwartz, K., Michael, D., Torossian, L., Halal, D., Yoshikawa, H., Abdulrazzak, S., Youssef, J., Sloane, P., Hashwe, S., Foulds, K., Bowden, B., Hoyer, K., Lee, S., Haywood, A., & Behrman, J. (Online, 2024). Leveraging caregivers to provide remote early childhood education in hard-to-access settings in Lebanon: Impacts from a randomized controlled trial. *Journal of Research on Educational Effectiveness*, 1-31. <https://doi.org/10.1080/19345747.2024.2334841>
16. Fink, R., Suwak, K., Lawson, G., Gray, A., Bowden, A.B. (2025). Factors influencing teachers' sustained curriculum implementation: A qualitative analysis. *Curriculum Journal*, 36(1), 66-81. <http://doi.org/10.1002/curj.257>
15. Bowden, A.B. (2023). Simplifying the Design of Cost-Effectiveness Research in Field Experiments. *AERA Open*. <https://journals.sagepub.com/doi/full/10.1177/23328584231171536>
14. Muroga, A., Escueta, M., Rodriguez, V., & Bowden, A.B. (2023). An Analysis of the Costs to Provide High-Quality and Individualized Emergent Literacy Support in Pre-K Classrooms. *Early Childhood Research Quarterly*, 62, 206-216.
13. Bowden, A.B., Danks, A., Rodriguez, V., Yang, H., & Davis, R. (2023). Examining Approaches to Support Digital Learning through State and District Resource Allocation and Policy. *Peabody Journal of Education*, 98(1), 6-25.
12. Gray, A., Sirinides, P., Fink, R., & Bowden, A.B. (2022). Integrating literacy and science instruction in kindergarten: Results from the efficacy study of Zoology One. *Journal of Research on Educational Effectiveness*, 15(1), 1-27. <https://doi.org/10.1080/19345747.2021.1938313>
11. Shand, R. & Bowden, A.B. (2022). Empirical Support for Establishing Common Assumptions in Cost Research in Education. *Journal of Research on Educational Effectiveness*, 15(1), 103-129. <https://doi.org/10.1080/19345747.2021.1938315>

10. Bowden, A.B., Shand, R., Levin, H.M., Muroga, A., & Wang, A. (2020). An Economic Evaluation of the Costs and Benefits of Providing Comprehensive Supports to Students in Elementary School. *Prevention Science*, 21(8), 1126-1135. <https://doi.org/10.1007/s11121-020-01164-w>
9. Bradshaw, C.P., Debnam, K.J., Player, D., Bowden, A.B., Lindstrom Johnson, S. (2020). A Mixed-Methods Approach for Embedding Cost-Analysis Within Fidelity Assessment in School-Based Programs. *Behavioral Disorders*, 1-13. <https://doi.org/10.1177/0198742920944850>
8. Belfield, C., Bowden, A.B., Rodriguez, V. (2019). Evaluating Regulatory Impact Assessments in Education Policy. *American Journal of Evaluation*, 40(3), 335-353. <https://doi.org/10.1177/1098214018785463>
7. Belfield, C. & Bowden, A.B. (2019). Using Resource and Cost Considerations to Support Educational Evaluation: Six Domains. *Educational Researcher*, 48(2), 120-127. <https://doi.org/10.3102/0013189X18814447>
6. Bowden, A.B., Shand, R., Belfield, C.R., Wang, A., & Levin, H.M. (2017). Evaluating Educational Interventions that Induce Service Receipt: A Case Study Application of City Connects. *American Journal of Evaluation*, 38(3), 405-419. <https://doi.org/10.1177/1098214016664983>
5. Klapp, A., Belfield, C., Bowden, B., Levin, H., Shand, R., Zander, S. (2017). A benefit-cost analysis of a long-term intervention on social and emotional learning in compulsory school. *International Journal of Emotional Education*, 9(1), 3-19. <https://www.um.edu.mt/library/oar/handle/123456789/18275>
4. Jacob, R., Armstrong, C., Bowden, A.B., & Pan, Y. (2016). Leveraging Volunteers: An Experimental Evaluation of a Tutoring Program for Struggling Readers. *Journal of Research on Educational Effectiveness*, 9 (Sup1), 67-92. <https://doi.org/10.1080/19345747.2016.1138560>
3. Belfield, C., Bowden, A.B., Klapp, A., Levin, H., Shand, R., & Zander, S. (2015). The Economic Value of Social and Emotional Learning. *Journal of Benefit-Cost Analysis*, 6 (3), 508-544. <https://doi.org/10.1017/bca.2015.55>
2. Bowden, A.B., & Belfield, C.R. (2015). Evaluating TRIO: A Benefit-Cost Analysis and Cost-Effectiveness Analysis of Talent Search. *Journal of Benefit-Cost Analysis*, 6(3), 572-602. <https://dx.doi.org/10.1017/bca.2015.48>
1. Hollands, F., Bowden, A.B., Levin, H.M., Belfield, C., Cheng, H., Shand, R., Pan, Y., & Hanisch-Cerda, B. (2014). Cost-Effectiveness Analysis in Practice: Interventions to Improve High School Completion. *Educational Evaluation and Policy Analysis*, 36 (3), 307-326. <https://doi.org/10.3102%2F0162373713511850>

*underline indicates student or postdoc co-author

ARTICLES UNDER REVIEW

Morgan, C., Hilgendorf, D., Zhao, V. Y., Al-Ogaily, D., Yoshikawa, H., Schwartz, K., Rafla, J., Molano, A., Strouf, K., Khanji, M., Abu Seria, R., Al Abed, M., Fityan, R., Sloane, P., Hussein, L., Hidayah, D., Shukri, M., Sharawi, T., Foulds, K., Bowden, A.B., Lee, S., Tiwari, P., Behrman, J. (R&R). Impacts and Costs of a Mass Media Program on Children's Emotion Knowledge, Recognition, and Regulation in Jordan: a Cluster-Randomized Controlled Trial. *Child Development*.

Shand, R., Davis, R.A., & Bowden, A.B. (R&R). Has Godot Arrived? A Review of the Use and Quality of Cost-Effectiveness Research in Education. *Educational Researcher*.

Mielke, M., Davis, R.A., & Bowden, A.B. (R&R). Do universal free school meals improve student behavior? Testing the Community Eligibility Provision's effect on student behavior and discipline. *American Education Research Journal*.

Bowden, A.B., Rodriguez, V., Weingarten, Z. (R&R). The Unintended Consequences of Academic Leniency. *American Economics Journal: Economic Policy*.

Iqbal, I., Yoshikawa, H., Michael, D., Bolisetty, S., Yesmin, S., Uddin Mian, A., Ting Nyeu, M., Lee, S., Bowden, A.B., Schwartz, K., Chisim, K., Ali, A.M., Sumaia Chowdhury, S., Alam, A., Behrman, J.R. (*under review*). Effects of a Father Engagement Program in Rohingya Camps and Host Community in Cox's Bazar, Bangladesh: A Randomized Controlled Trial. *Nature Communications*.

WORKING PAPERS

Diaz, K., Bernard, J., Bowden, A.B., Gray, A., & Sirinides, P. Examining the Heterogeneous and Longitudinal Effects of a Comprehensive Kindergarten Literacy Curriculum.

Lee, S., Bowden, A.B., Behrman, J., Hoyer, K., Yoshikawa, H. Cost-Effectiveness of Serving Children and Families in Humanitarian Settings: Evidence from Five Evaluations of Early Childhood Interventions.

Gray, A., Fink, R., Diaz, K., Bernard, H., Bowden, A.B. Reimagining achievement: A longitudinal examination of blended social-emotional and academic outcomes in early elementary school.

BOOK CHAPTERS

Oas, J., Belfield, C.R., & Bowden, A.B. (2024). The Economics of Social-Emotional Learning. In, *Inclusive Wealth Report: Special Issue on Social Emotional Learning for Social Emotional Capital Accounts*. UNESCO.

Davis, R. & Bowden, A.B. (2024). Hunger Doesn't Stop in the Summer: A Case Study of the Yum Yum Bus as a Solution to Increasing Access to Summer Meals. In Ed. Gaddis, J. & Robert, S., *Transforming School Food Politics Around the World*. MIT Press: Cambridge, MA.

Shand, R.S., Bowden, A.B., & Levin, H. (*In Press*). Examining costs: Designs and strategies and analysis. In Ed. Bickman, L. & Laughton, C.D., *The Evaluation Handbook: An Evaluator's Companion*. Guilford Publications.

Lindstrom Johnson, S., Bowden, A.B., & Bradshaw, C.P. (2023). Estimating the Cost of School Mental Health Programming to Increase Adoption and Scale-up of Evidence-based Programs and Practices. In Ed. Evans, S., Owens, J., Bradshaw, C. P., & Weist, M.D. *Handbook of School Mental Health: Advancing Practice and Research: Third Edition*. New York: Springer.

Belfield, C., Bowden, A.B., Levin, H.M. (2018). Cost Estimation in Education: The Ingredients Method. In Ed. Farrow, S., *Teaching Benefit-Cost Analysis*. Edward Elgar Publishing.

EVALUATION REPORTS

Lee, S., Bowden, B., Behrman, J., Tiwari, P., Vilanova, M., Yoshikawa, H. (In Press). *Watch Play Learn Cost Effectiveness Report*. Center for Benefit-Cost Studies of Education, University of Pennsylvania. <https://www.cbcse.org/humanitarian>

Belfield, C., Rodriguez, V., Bowden, A. B., Oas, J. (In Press). *The Economic Burdens of Inequities across California Schools*. Center for Benefit-Cost Studies of Education, University of Pennsylvania. www.cbcse.org/publications

Tiwari, P. Franchett, E., Schwartz, K., Vilanova, M.T., Yoshikawa, H., Hilgendorf, D., Montagut, M., Gonzales, F., Forero, J., Gutierrez., J., Foulds, K., Bowden, A.B., Lee, S., Behrman, J., Granados, S., Reyes, C. (2024). Impacts of a Children's Media Program on Emotional and Math Skills of Venezuelan and Colombian children in Colombia: A Randomized Controlled Trial. Global TIES, New York University.

Iqbal, Y., Yoshikawa, H., Michael, D., Bolisetty, S., Schwartz, K., Yesmin, S., Mian, A., Nyeu, M., Sunny, S., Ramachandran, A., Hilgendorf, D., Tiwari, P., Freire Barrios, S., Chisim, K., Mur Salin, S., Hossain, N., Sazia Zaman, S., Alim A., Chowdhury, S., Islam Mou, M., Haroon, A., Bowden, A.B., Lee, S., Alam, A., Behrman, J., Hill, J., Mariam, E., Wuermli, A. (2024). *Impact Evaluation of a Father Engagement Model in the Home Visiting Humanitarian Play Lab (HPL) Program in Rohingya Camps and Host Community in Cox's Bazar, Bangladesh*. Global TIES, New York University.

Bowden, A.B., Lee, S., Behrman, J., Yoshikawa, H., Bernard, H., Hoyer, K., & Zahra, F. (2024). *Phone-based Reach Up and Learn Cost-Effectiveness Report*. Center for Benefit-Cost Studies of Education, University of Pennsylvania. Available at: www.cbcse.org/publications

Alam, A., Pullom, K., Bowden, A.B. (2023). *An Examination of the Resource Implications of the Community Partnership Coordinator at Lea Elementary*. Center for Benefit-Cost Studies of Education, University of Pennsylvania.

Bowden, A.B., & Alam, A. (2022). Estimating the Costs of Strengthening PBIS Support in Schools, in Fink, R. & Lawson, G. *PBIS in Challenging Contexts: Evaluating a replicable Implementation Approach in Philadelphia*. CPRE, University of Pennsylvania.

Decker-Woodrow, L.E., Muroga, A., Bowden, A.B., & Lamey, G. (2020). *Benefit-cost analysis of Pre-K 4 SA: Technical report*. San Antonio, TX: Westat. Available at: <https://prek4sa.com/community/program-results/>

Bowden, A.B. & Danks, A. (2020). *District Level Implementation and Resource Allocation for Digital Learning Across Five Key Districts*. The Friday Institute, College of Education, North Carolina State University.

Bowden, A.B., & Davis, R. (2019). *Supporting Student Learning by Mitigating Student Hunger*. Provided to the State of North Carolina. Available at: <https://wested.ent.box.com/s/vuh2qfg6n4xchjniyexwc1ojgdhmdksa/file/573275806798>

Danks, A., Hammond, S., Bowden, A.B. (2019). *A Cost Analysis of The North Carolina Digital Learning Plan*. The Friday Institute for Educational Innovation, North Carolina State University.

Bowden, A.B., Muroga, A., Wang, A., Shand, R., Levin, H.M. (2018). *Examining Systems of Student Support*. Center for Benefit-Cost Studies of Education, Teachers College, Columbia University. Available at: www.cbcse.org/publications

Bowden, A.B., Levin, H.L., Muroga, A., Rodriguez, V., Escueta, M. (2018). *Estimating the Costs of an Early Childhood Reading Tutoring Program*. Center for Benefit-Cost Studies of Education, Teachers College, Columbia University. Available at: www.cbcse.org/publications

Van Keuren, C.H., Bowden, A. B., & Swail, W.S. (2018). *Reading Enhancement for Advancing Development Bangladesh: Cost-Effectiveness Analysis*. Save the Children International. Available at: https://educationalpolicy.org/wp-content/uploads/2019/06/1809_USAID_SAVE-1.pdf

Bowden, A.B., Belfield, C.R., Levin, H.M., Shand, R., Wang, A., & Morales, M. (2015). *A Benefit-Cost Analysis of City Connects*. Center for Benefit-Cost Studies of Education, Teachers College, Columbia University. Available at: www.cbcse.org/publications

Jacob, R.T., Armstrong, C., Willard, J.A., Bowden, A.B., & Pan, Y. (2015). *Mobilizing Volunteer Tutors to Improve Student Literacy*. MDRC. Available at: www.cbcse.org/publications

Belfield, C., Bowden, A.B., Klapp, A., Levin, H.M., Shand, R., & Zander, S. (2015). *Estimating the Return on Investment of School-Based Socio-Emotional Learning Programs*. Center for Benefit-Cost Studies of Education, Teachers College, Columbia University. Available at: www.cbcse.org/publications

Rodriguez, O., Bowden, A.B., Belfield, C., & Scott-Clayton, J. (2014). *Testing for Remediation in Community Colleges: What Does it Cost?* Community College Research Center, Teachers College, Columbia University. Paper No. 73. <http://ccrc.tc.columbia.edu/publications/remedial-placement-testing-resources.html>

Hollands, F.M., Pan, Y., Shand, R., Cheng, H., Levin, H.M., Belfield, C.R., Kieffer, M., Bowden, A.B., & Hanisch-Cerda, B. (2013). *Improving Early Literacy: Cost-Effectiveness Analysis of Effective Reading Programs*.

Center for Benefit-Cost Studies of Education, Teachers College, Columbia University. Available at: www.cbcse.org/publications

Levin, H.M., Belfield, C., Hollands, F., Bowden, A.B., Cheng, H., Shand, R., Pan, Y., & Hanisch-Cerda, B. (2012). *Cost-Effectiveness Analysis of Interventions that Improve High School Completion*. Center for Benefit-Cost Studies of Education, Teachers College, Columbia University. Available at: www.cbcse.org/publications

Bowden, A.B. (2010). *An Evaluation of the Impact of the National Academy for Excellent Teaching*. Prepared for the Office of the President and the Office of School and Community Partnerships of Teachers College, Columbia University.

Chatterji, M., Mata, J., & Bowden, A.B. (2009). *A Case Study of the Chemung County School Readiness Project: Origins of a Comprehensive Education Initiative for 0-5 Year Olds*. Assessment and Evaluation Research Initiative. http://www.tc.columbia.edu/i/a/document/11487_SRP-Case-StudyR2WebOct09.pdf

POLICY RESEARCH BRIEFS

TIES for Children, Global (2023). *Lessons and Impacts of Ahlan Simsim TV Program in Pre-Primary Classrooms in Jordan on Children's Emotional Development: A Randomized Controlled Trial*. Available at: <https://doi.org/10.6084/m9.figshare.22770929.v1>

TIES for Children, Global (2023). *Lessons and Impacts of a Remote Early Childhood Education Program in Hard-To-Access Settings in Lebanon: A Randomized Controlled Trial*. Available at: <https://doi.org/10.6084/m9.figshare.22770629.v1>

Belfield, C., Rodriguez, V., Bowden, A.B., Oas, J. (2023). *The Economic Benefits of Equity Across California Schools*. Available at: <https://transformschoools.ucla.edu/research/the-economic-benefits-of-equity-across-california-schools/>

TIES for Children, Global (2023). *Lessons and Impacts of a Phone-Based Parenting Program for Syrian and Jordanian Families with Young Children*. Available at: <https://doi.org/10.6084/m9.figshare.22700314.v2>

Belfield, C., Bowden, A.B., & Shand, R. (2021). *Cost Effectiveness Analysis Can Help Districts Plot Their Financial Course*. Policy Analysis for California Education (PACE), Stanford University. <https://www.edpolicyinca.org/newsroom/cost-effectiveness-analysis-can-help-districts-plot-their-financial-course>

Nakamoto, J., Wendt, S., & Bowden, A.B. (2020). *Healthy U: A Cost Analysis of Implementing a Sexual Health Education App in Juvenile Justice Facilities*. WestEd. Available at: <https://www.wested.org/resources/healthy-u-cost-analysis/>

Gray, A., Sirinides, P., Fink, R., & Bowden, B. (2020). *Zoology One Efficacy Evaluation: Summary of Findings*. CPRE, University of Pennsylvania. Available at: <https://www.cpre.org/efficacy-evaluation-zoology-one-1>

Bowden, A.B., & Davis, R. (2019). *Addressing Hunger in School: An Analysis of Educational Food Policies*. Prepared by request for the North Carolina Department of Public Instruction and the North Carolina Legislature.

Wiseman, A., Davis, D., Harrington, A., Spires, H., Bowden, B., Grifenhagen, J., Young, C., Begeny, J., Chen Lee, C., Falter, M. (2017). *Cultivating Young Readers: Seven Principles for Teaching All Children to Read in a Global Society*. College of Education, North Carolina State University. <https://ced.ncsu.edu/research/cultivating-young-readers/>

Rodriguez, O., Bowden, A.B., Belfield, C., & Scott-Clayton, J. (2014) *Calculating the Costs of Remedial Placement Testing*. Community College Research Center, Teachers College, Columbia University. CCRC Analytics Publication. <http://ccrc.tc.columbia.edu/publications/cost-placement-testing-analytics.html>

OP-ED POLICY PUBLICATIONS

Bowden, B. (2024). *Opinion: Investing in education is the keystone to Pennsylvania's future*. City & State Pennsylvania. <https://tinyurl.com/4wvs97vh>

Davis, R., & Bowden, A.B. (2021). *Using evidence on cost-effectiveness to support students through COVID recovery and beyond*. School Administrator Magazine. <https://www.pageturnpro.com/AASA/100870-August-2021/sdefault.html#page/38>

Bowden, A.B., & Wasser-Gish, J. (2021). *Small investments for big gains: transforming wraparound services into an engine of opportunity*. The Brown Center Chalkboard at Brookings. <https://www.brookings.edu/blog/brown-center-chalkboard/2021/04/26/small-investments-for-big-gains-transforming-wraparound-services-into-an-engine-of-opportunity/>

Bowden, A.B., & Davis, R. (2020). *With fewer funds and greater needs, school should pursue cost-effectiveness strategies*. The Brown Center Chalkboard at Brookings. <https://www.brookings.edu/blog/brown-center-chalkboard/2020/05/26/with-fewer-funds-and-greater-needs-schools-should-pursue-cost-effectiveness-strategies/>

Bowden, A.B. (2016). *Wrap-around cost estimates for wrap-around services*. The Brown Center Chalkboard at Brookings. <http://www.brookings.edu/blogs/brown-center-chalkboard/posts/2016/06/03-wrap-around-cost-estimates-for-services-bowden>

METHODS BRIEFS

Bowden, A.B. (2020). *Efficacy Trials & Cost-Effectiveness*. CBCSE IES Methods Training in Economic Evaluation Methods Brief. <https://www.cbcs.org/methodsbriefts> (plus accompanying worksheet template)

Bowden, A.B., Davis, R.A., Shand, R. (2020). *Development Trials & Cost Analysis*. CBCSE IES Methods Training in Economic Evaluation Methods Brief. <https://www.cbcse.org/methodsbriefs>

Bowden, A.B., & Davis, R.A. (2020). *Measurement Trials and Cost Analysis*. CBCSE IES Methods Training in Economic Evaluation Methods Brief. <https://www.cbcse.org/methodsbriefs>

OTHER REPORTS, CHAPTERS, AND PAPERS

Belfield, Bowden, & Shand. (2021). *Cost-Effective Decision-Making for California's School System*. Policy Analysis for California Education (PACE), Stanford University. <https://www.edpolicyinca.org/publications/cost-effective-decision-making-californias-school-system>

Cost Analysis Standards Project. (2021). *Standards for the Economic Evaluation of Educational and Social Programs*. American Institutes for Research. <https://www.air.org/sites/default/files/Standards-for-the-Economic-Evaluation-of-Educational-and-Social-Programs-CASP-May-2021.pdf>

Levin, H.M., Bowden, A.B., Belfield, C., Shand, R., Rodriguez, V. (2015). *Communities in Schools Cost Design Paper*. Center for Benefit-Cost Studies of Education, Teachers College, Columbia University.

Bowden, A.B. & Belfield, C.R. (2015). Chapter 4: Cost Studies in: *Evaluation Toolkit for Workforce Innovation Fund Evaluators*. In partnership with Abt Associates.

GRANT AWARDS AND CONTRACTS

2025	Neubauer Foundation, <i>Economic Value and Return on Investment: 9th Grade On-Track Strategy</i> . (P.I. \$141,800)
2024-2027	Institute of Education Sciences, U.S. Department of Education, <i>IES Methods Training Program in Cost-Effectiveness and Economic Evaluation</i> . (P.I. \$797,468)
2023-2024	University of Pennsylvania Global Engagement Fund through Penn Global, <i>Cost-Effectiveness Studies of Early Childhood Interventions Serving Refugee Children</i> . (P.I. \$74,657)
2022-2024	North Carolina Office of State Budget and Management Evaluation Fund, in partnership with North Carolina Department of Public Instruction and North Carolina Department of Health and Human Services, <i>Early Childhood Longitudinal Data System Use Case</i> . (P.I. \$98,918)
2021-2023	California MTSS Research Consortium, Center for the Transformation of Schools, University of California Los Angeles, in partnership with Orange County Schools, California, <i>California Safe, Healthy, Responsive Schools Network: California Multi-Tiered Systems of Support (MTSS) Initiative</i> . (P.I., \$250,000 subaward).

2021-2023	Partnership with NYU Global TIES and Sesame Workshop with funding from the LEGO Foundation and MacArthur Foundation, <i>Cost-Effectiveness of Early Childhood Interventions Serving Refugee Children</i> . (P.I. with Jere Behrman, \$240,000 subaward)
2020-2024	Institute of Education Sciences, U.S. Department of Education, <i>IES Methods Training Program in Cost-Effectiveness and Economic Evaluation</i> . (P.I. \$799,846)
2020-2026	Institute of Education Sciences, U.S. Department of Education, <i>University of Pennsylvania Predoctoral Training Program in Interdisciplinary Methods for Field-based Research in Education</i> . (\$4.6 million; 2020-24 Co-P.I. with Rebecca Maynard; 2025-26 PI)
2020-2023	Institute of Education Sciences, U.S. Department of Education, <i>Extension to Examine the Longitudinal Effects of the Efficacy Evaluation of Zoology One: Kindergarten Research Labs</i> . (P.I. \$1,000,000)
2018-2019	North Carolina Department of Public Instruction, The William & Ida Friday Institute for Educational Innovation, <i>Economic Evaluation of the North Carolina Digital Learning Initiative</i> . (P.I. \$149,270)
2018-2020	Department of Justice, National Institute of Justice, subcontract to the University of Pennsylvania, <i>PBIS in Challenging Contexts: Evaluating a Replicable Implementation Approach in Philadelphia</i> . (P.I. of cost study \$116,610; with P.I. of evaluation Abigail Gray \$3 million)
2017-2018	North Carolina Department of Public Instruction, The William & Ida Friday Institute for Educational Innovation, <i>Economic Evaluation Design Project for the North Carolina Digital Learning Initiative</i> . (P.I. \$55,079.25; with P.I. Jeni Corn \$1.2 million)
2017-2018	Institute of Education Sciences, U.S. Department of Education, <i>Training in Application of Economic Evaluation for State and Local Education Policy Employees</i> . (Co-P.I. and Director of Training \$99,939.29; with P.I. Henry Levin and Co-P.I. Clive Belfield)
2017-2018	ServeMN, <i>Cost Study of Minnesota Reading Corps PreK Reading Program</i> . (P.I. \$85,000)
2016-2019	Institute of Education Sciences, U.S. Department of Education, subcontract to the University of Pennsylvania, <i>Efficacy Evaluation of Zoology One: Kindergarten Research Labs</i> . (P.I. of cost study \$227,545; with P.I. of evaluation Abigail Gray \$3.3 million)
2015-2018	Boston College and GHR Foundation, <i>Estimating the Costs and Benefits of City Connects: Phase 2</i> . (P.I. \$132,268.57; with Co-P.I. Henry Levin)
2015-2016	Robinhood Foundation, subcontract to MDRC for cost study, <i>Evaluating the Making Pre-K Count Program</i> . (P.I. \$47,392.43)

- 2014-2017 Institute of Education Sciences, U.S. Department of Education, *IES Methods Training Program in Cost-Effectiveness and Cost-Benefit Analysis*. (Co-P.I. and Director of Training \$999,705.55; with P.I. Henry Levin and Co-P.I. Clive Belfield)
- 2014-2018 Save the Children, subcontract to EPI, *Cost-Effectiveness Analysis for Save the Children's READ Program*. (Co-P.I.; with P.I. Christine Harris-Van Keuren \$187,400)
- 2014-2015 U.S. Department of Labor, subcontract to Abt Associates, *Cost Study Guidance for WIF Grantee Evaluators*. (P.I. \$16,680; with Co-P.I. Clive Belfield)
- 2013-2015 Edna McConnell Clark Foundation, subcontract to MDRC for cost study, *Evaluation of Reading Partners*. (Project Lead \$165,382; with P.I. Henry Levin)

POLICY CONTRIBUTIONS

2024 Pennsylvania SB700, Act 55 of 2024

CBCSE report was critical in the passage of the year's state budget that allocated an unprecedented \$1.1 billion in new funds to public schools.

2020 North Carolina H1023

Provided the education committee and the North Carolina Department of Public Instruction with evidence of the importance of investing in school meals, options to innovate school meals, and cost estimates to eliminate reduced price lunch fees (see 2019 Leandro report, *Supporting Student Learning by Mitigating Student Hunger*). The law eliminates the reduced-price lunch copay in the 2020-2021 school year and allows districts to use busses to deliver meals to students during the summer.

2019 Massachusetts Student Opportunity Act

Provided the education committee with evidence on comprehensive student support (see 2020 article published in *Prevention Science*). The revised funding formula allocates additional support for historically marginalized students and requires districts to submit evidence-based plans, including comprehensive student support, to address disparities in achievement among student subgroups.

PRESS & MEDIA COVERAGE

The Philadelphia Inquirer, Pa. just made a significant investment in public education. Why are advocates worried about it? By Steven M. Falk, July 12, 2024, available at: <https://www.inquirer.com/education/pennsylvania-education-funding-benefits-school-penn-research-20240619.html>

The Pennsylvania Tribune, Proposed \$5B funding formula would help struggling schools in Pennsylvania, new report says. By Chanel Hill, June 24, 2024, available at: https://www.phillytrib.com/news/local_news/proposed-5b-funding-formula-would-help-struggling-schools-in-pennsylvania-new-report-says/article_0caa2dfc-eb78-54fb-a791-aae129f17fa7.html

Spotlight PA, A big education fight stands in the way of a Pa. Budget deal. By Stephen Caruso, June 25, 2024, available at: <https://www.spotlightpa.org/news/2024/06/budget-deadline-education-funding-surplus-deal-pennsylvania-taxes/>

Education Exchange, Education Next, Beware of the Easy A: Evidence from North Carolina shows the folly of education policies that lower expectations to improve achievement. Podcast interview with Professor Paul Peterson, Harvard University, May 20, 2024, available at: <https://www.educationnext.org/the-education-exchange-beware-of-the-easy-a/>

The Economist, New numbers show falling standards in American high schools: Low Achieving Pupils May Suffer the Most. By Doug Dowson, March 10, 2024, available at: <https://www.economist.com/united-states/2024/03/10/new-numbers-show-falling-standards-in-american-high-schools>

The 74, Best Education Articles of 2023: Our 23 Most Important Stories about Students, Schools, & Learning Recovery. By Steve Snyder, December 19, 2023, available at: <https://www.the74million.org/article/best-education-articles-of-2023-our-23-most-important-stories-about-students-schools-learning-recovery/>

The Report Card, Brooks Bowden on the Unintended Consequences of Academic Leniency. By Nat Malkus, November 29, 2023, available at: <https://www.aei.org/podcast/brooks-bowden-on-the-unintended-consequences-of-academic-leniency/>

New York Times, Lenient Grading Won't Help Struggling Students. Addressing Chronic Absenteeism Will. By Jessica Grose, October 18, 2023, available at: <https://www.nytimes.com/2023/10/18/opinion/chronic-absenteeism-lenient-grading.html>

K-12 Dive, Relationships, resources must become a focus in learning to address mental health crisis: With the American Academy of Pediatrics declaring a national mental health emergency, is it time to consider expanding the “3 Rs” of education? By Joan Wasser Gish, November 10, 2021, available at: <https://www.k12dive.com/news/relationships-resources-must-become-a-focus-in-learning-to-address-mental/609766/>

Education Week, 5 Core Pieces of Social-Emotional Learning Research That Ed. Companies Can't Overlook: Studies Offer Clarity on SEL's Ties to Educational Games, Success in the Job Market, and More. By Brian Bradley, October 21, 2021, available at: <https://marketbrief.edweek.org/market-trends/5-core-pieces-social-emotional-learning-research-ed-companies-cant-overlook/>

Forbes Magazine, New Data Shows Building Knowledge Can Boost Reading Comprehension, by Natalie Wexler, September 08, 2021, available at: <https://www.forbes.com/sites/nataliewexler/2021/09/08/new-data-shows-building-knowledge-can-boost-reading-comprehension/?sh=4f8144e87dd9>

The Philadelphia Inquirer, Thousands of kindergartners didn't show up for school last year. Here's what that means for the school year to come., by Kristen A. Graham and Melanie Burney, August 14, 2021, available at: <https://www.inquirer.com/education/kindergarten-enrollment-decline-covid-philadelphia->

[norristown-20210814.html?cid=Philly.com+Twitter&utm_campaign=Philly.com+Twitter+Account&utm_medium=social&utm_source=t.co](https://www.youtube.com/watch?v=LOQfuYZaopo)

Ivaho Broadcast Service and Child Trends News Service, TV broadcast for local news on Zoology One Efficacy Study. As of September 2021, news clip viewed more than 66 million times. Available at: <https://www.youtube.com/watch?v=LOQfuYZaopo>

NPR news, WLVR, Researchers Argue a Commonly Used Program Isn't the Best Way to Measure Student Poverty, by Chloe Nouvelle, July 14, 2021, available at: <https://www.wlvr.org/2021/07/researchers-argue-a-commonly-used-program-isnt-the-best-way-to-measure-student-poverty/#.YPcAJC2cbo1>

Common Wealth, 'Wraparound' Services Crucial to School Reopenings: Trauma and Emotional Toll of Pandemic Need Attention, by Joan Wasser Gish, June 10, 2021, available at: <https://commonwealthmagazine.org/economy/wraparound-services-crucial-to-school-reopenings/>

Education Week, More Studies Look at Cost-Effectiveness, by Sarah Sparks, April 9, 2019, available at: <https://www.edweek.org/ew/articles/2019/04/10/more-education-studies-look-at-cost-effectiveness.html>

SELECTED PROFESSIONAL EXPERIENCE

Co-Director, University of Pennsylvania Predoctoral Training Program in Interdisciplinary Methods for Field-based Research in Education 2020 – 24

Assistant Professor, Graduate School of Education, University of Pennsylvania, 2019 – 23

Research Affiliate, Community College Research Center, Teachers College, Columbia University, 2020 –
Assistant Professor of Methods and Policy, Department of Education Leadership, Policy, and Human Development, North Carolina State University, 2016 – 19

Visiting Scholar, Duke University, 2017 – 18

Director of Training and Associate Director, Center for Benefit-Cost Studies of Education, Teachers College, Columbia University, 2015 – 20

Field Consultant, Save the Children Bangladesh, 2014 – 18

Senior Research Scientist and Associate Director, Center for Benefit-Cost Studies of Education, Teachers College, Columbia University, 2015 – 16

Postdoctoral Research Associate, Center for Benefit-Cost Studies of Education, Teachers College, Columbia University, 2014 – 15

Research Associate and Assistant Director, Center for Benefit-Cost Studies of Education, Teachers College, Columbia University, 2012 – 14

Assistant Director and Research Assistant, National Center for the Study of Privatization in Education, Teachers College Columbia University, 2009 - 12

Graduate Research Assistant, Office of the President, Teachers College, Columbia University, 2009 – 10

Graduate Research Assistant, Assessment and Evaluation Research Initiative, Teachers College Columbia University, 2008 – 09

Associate Research Scientist, U.S. Department of Education, Institute of Education Sciences, National Center for Education Evaluation and Regional Assistance, 2007 – 08

Behavior Analyst, Specializing in autism and developmental disabilities, 2002 – 05

INVITED POLICY BRIEFINGS AND PRESENTATIONS

2022	North Carolina Governor's Office, Hunt Institute, and Department of Public Instruction
2020	School District of Philadelphia
2019	Massachusetts State Legislature
2018	North Carolina State Board of Education

INVITED LECTURES

2024	Teachers College, Columbia University; Colby College; University of Tennessee
2023	Peking University; University of Wisconsin
2022	Michigan State University; University of Wisconsin
2021	New York University; Penn Development Research Initiative
2020	WestEd; University of Virginia
2019	Institute of Education Sciences; University of Pennsylvania; University of Virginia, Arkansas University; RTI International
2018	Harvard University Strategic Data Project; Institute of Education Sciences
2017	New York University; University of Connecticut; University of California Santa Barbara
2016	North Carolina State University (2); University of Connecticut
2015	North Carolina State University; University of Wisconsin; Johns Hopkins University and the Maryland Department of Education; Institute of Education Sciences and U. S. Department of Education (2); University of Georgia
2014	University of Pennsylvania

INVITED WORKING GROUPS

2022	Education Results Partnership, Obama Foundation
2021 – 22	National Standards Panel on Integrated Student Supports
2020 – 21	Cost Analysis Standards Project (Lead Cost-effectiveness Expert and Project Organizer)
2017 – 18	Comprehensive Services for Children in Poverty: Setting the Research Agenda for Integrated Student Support
2017 – 19	Century Foundation Working Group on Community College Financial Resources
2016 – 18	Learning Policy Institute's Resourcing Public Schools to Optimize Student Learning: A National Public Scholarship Agenda
2015 – 16	WIHOPE Working Group on College Costs & Productivity

METHODOLOGICAL WORKING GROUPS AND SUPPORT

2024	U.S. Administration for Children and Families, Office of Planning Research and Evaluation, Evidence Clearinghouse Standards Working Group
2024	U.S. Administration for Children and Families, Office of Planning Research and Evaluation, Annual Methods Workshop Chair
2022	MDRC Get Ready Guilford Initiative
2022 - 24	Wallace Foundation National Out of School Time Study
2021 - 23	CCRC Federal Work Study Evaluation

2021 – 22	MDRC Intervention Investment Tool for Community Colleges
2018 – 19	AT&T Aspire Grantee Evaluation Technical Assistance, Weststat
2017 – 21	Technical Working Group, Regional Educational Laboratory Central
2014 – 16	U.S. Department of Labor, Workforce Innovation Fund

PEER-REVIEWED CONFERENCE PRESENTATIONS

Bowden, A.B. (2024). The Economic Benefits of Investing in Equity Across California Schools. Paper was prepared and presented in the panel Learning from New Research on Large Scale Efforts to Disrupt Racial Injustices in Education. The session was selected as a Presidential Panel for the annual conference of the American Education Research Association.

Lee, S., Bowden, A.B. (2024). Do Caregivers and Teachers Count if Their Time is not Billed in a Budget? A Demonstration of the Cost-effectiveness of Early Childhood Development Programs in Humanitarian Settings. Paper prepared for the annual meeting of the Association for Education Finance Policy, Baltimore, MD.

Lee, S., Bowden, A.B., Behrman, J., Hoyer, K., Yoshikawa, H. (2023). Cost-effectiveness studies of early childhood interventions serving refugee children. Paper prepared for the annual meeting of the Association for Public Policy Analysis and Management, Atlanta, GA; the 9th International Workshop on Efficiency in Education, Health, and other Public Services, Madrid, Spain; and the first meeting for Advanced Quantitative Methods and Analytics for Public Policy Support, Milan, Italy.

Bowden, A.B., Rodriguez, V., Weingarten, Z., & Alam, A. (2023). Unintended Outcomes of Grading Leniency. Paper prepared for the annual meeting of the Association for Education Finance Policy, Denver, CO, and the first meeting for Advanced Quantitative Methods and Analytics for Public Policy Support, Milan, Italy.

Bernard, J., Bowden, A.B., Lee, S., & Behrman, J. (2023). Reach Up and Learn over time: Variations in cost-effectiveness of a classic parenting intervention. Paper prepared for the annual meeting of the Association for Public Policy Analysis and Management, Atlanta, GA.

Alam, A., Bowden, A.B. (2023). Advancing high school dropout prediction using machine learning. Poster prepared for the annual meeting of the Association for Public Policy Analysis and Management, Atlanta, GA.

Bowden, A.B., Bernard, J., Lee, S., & Behrman, J. (2023). Examining the costs of a parenting intervention for refugee families in Jordan: A case study of Reach Up and Learn. Poster prepared for the annual meeting of the Society for Research on Educational Effectiveness, Arlington, VA.

Bernard, J., Lee, S., Pullom, K., & Bowden, A.B. (2023). Piloting an integrated data system to examine patterns of access and participation in early childhood services among kindergarteners in North Carolina. Poster prepared for the annual meeting of the Society for Research on Educational Effectiveness, Arlington, VA.

Lee, S., Bowden, A.B., Alam, A. (2023). Defining and Understanding Vulnerability Using Cross-Sector Administrative Data. Poster prepared for the Society for Research on Educational Effectiveness, Arlington, VA.

Lee, S., Bowden, A.B., Diaz, K. (2022). Does Integrated Literacy and Science Instruction in Kindergarten Lead to Grade Level Reading Proficiency in Early Elementary Grades?. Paper prepared for the annual meeting of the Association for Public Policy Analysis and Management, Washington, D.C.

Dong, N., Li, W., Maynard, R., Spybrook, J., Kelcey, B., & Bowden, A. B. (2022). Advantages of Monte Carlo Confidence Intervals for Incremental Cost-Effectiveness Ratios: A Comparison of Five Methods. Paper prepared for the annual meetings of the Society for Research on Educational Effectiveness, Washington, D.C., and the Association for Public Policy Analysis and Management, Washington, D.C.

Fink, R., Bowden, B., Diaz, K., Spillane, M., Gray, A. (2022). Can an Early Literacy Curriculum Delivered in Kindergarten Effect Children's Learning Behaviors Long Term? Poster prepared for the annual meeting of the Society for Research on Educational Effectiveness, Washington, D.C.

Bowden, A.B., Bernard, J., & Davis, R. (2022). Leveraging Home Reading to Strengthen Literacy Outcomes. Paper prepared for the 8th International Workshop on Efficiency in Education, Health, and other Public Services, Pisa, Italy.

Mielke, M., Davis, R.A., & Bowden, A.B. (2022). Do Universal Free School Meals Improve Student Behavior? Paper prepared for the annual meetings of the Association for Education Finance and Policy, Denver, CO, and the American Education Research Association, San Diego, CA.

Bowden, A.B., Davis, R., Bernard, H. (2021). Leveraging Home Reading to Strengthen Literacy Development in Kindergarten. Paper prepared for the annual meetings of the Society for Research on Educational Effectiveness, Arlington, VA, and the Association for Public Policy Analysis and Management, Austin, TX.

*2020 - 2021 conferences not listed due to COVID-19 pandemic.

Muroga, A., Decker-Woodrow, L., Bowden, A.B., Lamey, G., Davenport, B. (2019). Social Efficiency of a City-Led Preschool Education Initiative: A Benefit-Cost Analysis. Paper prepared for the annual meeting of the Association for Public Policy Analysis and Management, Denver, CO.

Bowden, A.B. & Rodriguez, V. (2019). The Effects of Educational Innovation Policies at Scale. Paper prepared for the annual meeting of the Association for Public Policy Analysis and Management International, Barcelona, Spain.

Bowden, A.B. & Davis, R. (2019). Addressing Hunger in School: An Analysis of the Costs and Potential Benefits of Food Insecurity Interventions. Paper prepared for the annual meeting of the Association for Public Policy Analysis and Management International, Barcelona, Spain.

Bowden, A.B. & Rodriguez, V. (2019). Measuring the Effectiveness of State-wide Educational Innovation Policies. Paper prepared for the annual meeting of the Association for Education Finance Policy, Kansas City, MO.

Bowden, A.B. & Danks, A. (2019). Examining the Costs of District-Level Approaches to Integrating Digital Learning into Schools. Poster prepared for the annual meeting of the Association for Education Finance Policy, Kansas City, MO.

Bowden, A.B. & Davis, R. (2019). Addressing Hunger in School: An Analysis of the Costs and Potential Benefits of Food Insecurity Interventions. Poster prepared for the annual meeting of the Association for Education Finance Policy, Kansas City, MO.

Bowden, A.B. & Rodriguez, V. (2019). Inclusion of Costs and the Tradeoff between Rigor and Purchase Price. Paper prepared for the annual meeting of the Society for Research on Educational Effectiveness, Washington, DC.

Rodriguez, V., Bowden, A.B., Escueta, M., Muroga, A. (2018). Addressing Missing Data of Economic Evaluations in a Partnership-Based Educational Program. Paper prepared for the annual meeting of the Association for Public Policy Analysis and Management, Washington, DC.

Bowden, A.B. & Rodriguez, V. (2018). Sustainable Education Goals? Examining a State-Based Education Initiative for Digital Learning. Paper prepared for the annual meeting of the Association for Public Policy Analysis and Management International, Mexico City, Mexico.

Bowden, A.B., Fink, R., Rodriguez, V. (2018). Implementing an Innovating Approach to Cost and Implementation Research in the Context of Program Evaluation. Paper prepared for the annual meeting of the American Educational Research Association, New York, NY.

Bowden, A.B., Shand, R., Levin, H., Muroga, A., Belfield, C., Wang, A. (2018). Analyzing the Benefits and Costs of Comprehensive Student Support Models. Paper prepared for the annual meeting of the American Educational Research Association, New York, NY.

Bowden, A.B., Muroga, A., Shand, R., Wang, A. (2018). Comprehensive Student Support Model: A Cost Perspective. Paper prepared for the annual meeting of the Association for Education Finance Policy, Portland, OR.

Muroga, A., Bowden, A.B., Escueta, M., Rodriguez, V. (2018). Addressing Missing Data of Economic Evaluations in Education: A Simulation-Based Approach. Paper prepared for the annual meeting of the Association for Education Finance Policy, Portland, OR.

Bowden, A.B. (2018). Designing Research on Costs within Randomized Field Trials. Paper prepared for the annual meeting of the Society for Research on Educational Effectiveness, Washington, DC.

Wang, A., Muroga, A., & Bowden, A.B. (2018). Applying Generalizability Index Method to Examine the Representativeness of Cost Study Samples. Paper prepared for the annual meeting of the Society for Research on Educational Effectiveness, Washington, DC.

Bowden, A.B. (2017). Simplifying Cost Research Design for Educational Field Trials. Paper prepared for the annual meeting of the Association for Public Policy Analysis and Management, Chicago, IL.

Kolbe, T. & Bowden, A.B. (2017). The Recipe for Success: Understanding the Role of Resource & Cost Data in Replicating Educational Policies and Programs. Paper prepared for the annual meeting of the Association for Public Policy Analysis and Management, Chicago, IL.

Bowden, A.B. (2017). Putting the Costs in Cost-Effectiveness: guidance on Examining Costs in Field Trials. Paper prepared for the annual meeting of the Association for Public Policy Analysis and Management International, Brussels, Belgium.

Bowden, A.B. & Muroga, A. (2017). A Benefit-Cost Analysis of a Comprehensive Approach to Supporting Student Learning. Paper prepared for the annual meeting of the Society for Prevention Research. *Awarded Abstract of Distinction.*

Belfield, C.R., Rodriguez, V., & Bowden, A.B. (2017). Efficiency of Federal Education Regulations. Paper prepared for the annual meetings of the Association for Education Finance Policy, Washington, DC, and the Society for Benefit-Cost Analysis Annual Conference, Washington, DC.

Bowden, A.B. & Levin, H.M. (2017). Determining Costs of Comprehensive School Services. Paper prepared for the annual meeting of the Society for Research on Educational Effectiveness, Washington, DC.

Bowden, A.B., Shand, R., Belfield, C.R., Wang, A., & Levin, H. (2016). Evaluating Educational Interventions that Induce Service Receipt: A Case Study Application of City Connects. Paper prepared for the annual meeting of the Association for Education Finance Policy, Denver, CO.

Belfield, C.R. & Bowden, A.B. (2016). Cost-Effectiveness Analysis to Improve Education Research: Lessons from the Field. Paper prepared for the annual meeting of the Association for Education Finance Policy, Denver, CO.

Bowden, A.B., Belfield, C.R., Levin, H.M., Shand, R., Wang, A., Morales, M. (2015). Examining the Costs and Benefits of Wrap-Around School Based Services: A Pilot Study of City Connects. Paper presented for the annual meeting of the Association for Public Policy Analysis and Management, Miami, FL.

Jacob, R.T., Bowden, A.B., Armstrong, C., Pan, Y., Elson, D. (2015). Capitalizing on Volunteer Tutors: An Experimental Evaluation of a Tutoring Program for Struggling Readers. Paper presented for the annual meeting of the Association for Public Policy Analysis and Management, Miami, FL.

Jacob, R., Armstrong, C. Elson, D., Bowden, A.B. (2015). Exploring the Implementation, Effectiveness and Costs of the Reading Partners Program. Paper presented at the annual meeting of the Society for Research on Educational Effectiveness, Washington, DC.

Bowden, A.B. & Belfield, C.R. (2015). Evaluating TRIO: A Benefit-Cost Analysis and Cost-Effectiveness Analysis of Talent Search. Poster presented at the annual meeting of the Association for Education Finance Policy, Washington, DC.

Bowden, A.B. (2013). Cost-Effectiveness Analysis and the Challenge of Site-Level Variation: An Evaluation of Talent Search. Paper presented at the annual meeting of the Association for Education Finance Policy, New Orleans, LA.

Bowden, A.B. (2013). Cost-Effectiveness Analysis in the Presence of Cross-Site Variation. Paper presented at the Society for Benefit-Cost Analysis Annual Conference, Washington, DC.

ASSOCIATION MEMBERSHIPS

American Educational Research Association (AERA), Divisions D & L

American Economic Association (AEA)

Association for Education Finance and Policy (AEFP)

Association for Public Policy Analysis and Management (APPAM)

Education Policy Collaborative (EPC)

Society for Research in Educational Effectiveness (SREE), Women in Quant

PROFESSIONAL ACTIVITIES

Journal Editor Positions:

Editor, Educational Evaluation and Policy Analysis, 2022 – 2029

Associate Editor, American Journal of Evaluation, 2019 – 2022

Editorial Board Member, Education Evaluation and Policy Analysis, 2019 – 2022

Journal Referee Service:

Education Evaluation and Policy Analysis, Educational Researcher, American Journal of Evaluation, Journal of Research on Educational Effectiveness, Educational Policy, Journal of Education for Students Placed at Risk, American Education Research Journal, Review of Education Research, Journal of Policy Analysis and Management, AERA Open

Other Review and Editorial Service:

National Education Policy Center, Sage Open, UNESCO Mahatma Gandhi Institute for Education of Peace and Sustainable Development, UNESCO International Institute for Educational Planning, National Academies: Sciences, Engineering, & Medicine

Book Peer-Review Service:

Complementary Methods for Educational Leadership and Policy Studies

Invited Association Conference Service:

Publishing in Education Policy for Junior Scholars of Color, AEFPP, 2023

Successfully Crafting Conference Proposals for Junior Scholars, SREE, 2023

Education Policy Section Conference Chair, SREE, 2019

Discussant or Chair: APPAM annual meeting (2015, 2017, 2019, 2024), AEFPP annual meeting (2016, 2018, 2019, 2020, 2023), APPAM International annual meeting (2017), SREE annual meeting (2018, 2019), Society for Prevention Research (2018, 2019), AERA annual meeting (2021)

Submission peer-review service for SREE, methods section (2018, 2019, 2020, 2022)

Elected Professional Association Service:

AEFPP Board Member, 2019-2022, Committees: Board Nominations (Committee Chair 2022), Awards, Finance & Budget, and Membership & Outreach

PROFESSIONAL CREDENTIALS

National Center for Education Research, Institute of Education Sciences, U.S. Department of Education, Summer Research Training Institute on Cluster Randomized Trials, Northwestern University, 2015.

CITI Social and Behavioral Researcher's Certification for Human Subjects, 2012.

U.S. Government Contractor Officer's Representative Certification, 2007.

NIH Human Participants Protection Education for Research Teams Certification, 2006.

Board Certified Behavior Analyst, 2004 – 2005.

UNIVERSITY TEACHING**University of Pennsylvania**

Advanced Analysis in the Economics of Education, Fall 2019, 2020, 2021, 2022, 2023, 2024

Methods of Economic Evaluation in Education, Spring 2020, 2021, 2022, 2023, 2024

North Carolina State University

Methods of Economic Evaluation in Education, Fall 2017

Economics of Education, Fall 2016, Fall 2018

Applied Quantitative Methods II, Spring 2017

Teachers College, Columbia University

Advanced Analysis in Economics of Education, assisted Henry M. Levin, 2011

Economics and Education, assisted Henry M. Levin, 2010

Evaluating Privatization and Choice in Education, assisted Henry M. Levin, 2010, 2011

Resource Allocation in Education, assisted Henry M. Levin, 2010, 2011

TEACHING SERVICE FOR THE FIELD

IES Methods Training Programs

IES Methods Training Program in Economic Evaluation, Center for Benefit-Cost Studies of Education, University of Pennsylvania, 2022, 2023, 2024 (180 trainees)

IES Methods Training Program in Economic Evaluation for State and Local Employees, Center for Benefit-Cost Studies in Education, 2017 – 2018. (30 trainees)

IES Methods Training Program on Cost-Effectiveness and Cost-Benefit Analysis, Center for Benefit-Cost Studies in Education, 2014 – 2017. (120+ trainees)

Society for Research on Educational Effectiveness

Methods Webinar on Proposing Cost and Cost-Effectiveness Studies, 2020

Workshop on Integrating Cost-Effectiveness Analysis into Field Trial Design, 2019

Workshop on Cost Analysis for Evaluation in Education, 2017

Short Course on Cost Analysis for Evaluation in Education, with Clive Belfield, 2016

Teaching Verbal Behavior to Children with Autism

Alabama Association for Behavior Analysis, with Alice Shillingsburg, 2003

Alabama Department of Education Professional Development, with Alice Shillingsburg, 2003

ADVISEMENT

Postdoctoral Fellowship Advisor

Dr. Sangyoo Lee, 2021 - 2024

Chaired Dissertations

University of Pennsylvania, Ph.D.: Haisheng Yang (2021), Rebecca Davis (2022), Elinor “Nell” Williams (2023), Johanna “Hanna” Bernard (proposed 2024), Anika Alam (proposed 2024)

North Carolina State University, Ph.D.: Gregory King (Co-Chair with Paul Umbach, 2019), Mihaela Henderson (Co-Chair with Stephen Porter, 2019), Sarah Deal (Co-Chair with Audrey Jagger, 2020), Amanda Danks (Co-Chair with Stephen Porter, 2021)

Dissertation Committee Membership

University of Pennsylvania: Monica Mielke (2023), Taylor Odle (2022), Claire Allen-Platt (2023), Clara Gerstner (2024), Sam Cullum (*proposal scheduled 2025*), Brandon Harrison (*proposal scheduled 2025*), David Loeb (*proposal scheduled 2025*), Autumn Brown (*proposal scheduled 2024*).

Rutgers University: Nicole “Nikki” M. Sandelier Boyd (Qualifying exam 2024)

North Carolina State University: Melissa Cominole (2017), Eric Grebing (2018), Katie Johnson (2018), Breanna Herring (*proposal only*, 2019), Andrea DeSantis (2021), Collin Mccolskey-Leary (2021)

Teachers College, Columbia University: Viviana Rodriguez (2021), Atsuko Muroga (2022)

Current Academic Advisees (Ph.D)

University of Pennsylvania: Katie Pullom, Victoria Carbonari

Current and Former Research Assistants

University of Pennsylvania: Rebecca Davis, Haisheng Yang, Reggie Gilliard, Emily Fry, Julia Oas, Hanna Bernard, Anika Alam, Emily Faulk, Hannah Lee*, Daniel Shi*, Noam Kosofsky, Molly Mulhern, Katie Pullom, Emma Eglinton, Victoria Carbonari, Keishon Rose

**undergraduate students*

North Carolina State University: Amanda Danks, Valarie Valentine, Iwinosa Idahor, Sarah Hammond

Teachers College, Columbia University: Robert Shand, Yilin Pan, Viviana Rodriguez, Anyi Wang, Atsuko Muroga, Maya Escueta

Penn Fulbright Applicant Advisement

2020-21, 2021-22, 2022-23, 2023-24, 2024-25

External Advisement & Service to the Field

Harvard University, Strategic Data Fellows Faculty Advisor, 2018-Present

Duke University, Preparing Future Faculty, Laura Bellows, 2017-2018

UNIVERSITY SERVICE

University of Pennsylvania

Penn Washington, GSE Faculty Liaison, 2024 -

Search Committee: Penn Washington Executive Director, 2024-25

Search Committee: Standing Faculty in K-12 Education Leadership, 2024-25

Search Committee: Standing Faculty in Reading Writing and Literacy, 2022-23 & 2023-24

Executive Committee, 2022-23

Search Committee: Cluster Hire for 2 Standing Faculty in Education Policy, 2021-22

Search Committee: CPRE Quantitative Lead, 2020-21

Search Committee: Open Standing Faculty in Education Policy, 2019-20

North Carolina State University

Search Committee: Director of the Friday Institute and Associate Dean of the College of Education, 2018-19

Search Committee: Tenure-Track Faculty in Developmental Science, 2017-18

Council on Multicultural Initiatives and Diversity, 2017 - 2019

Computer and Technology Committee, 2016-2017

OTHER SERVICE

School Board Member, Family Annex Nursery School, 2015-2016.

Review Board Member, University of Pennsylvania Graduate School of Education Perspectives on Urban Education, 2006 – 2007.

Head Start Volunteer, General Reynolds Elementary, 2006.

First Grade Tutor, Penn Alexander Elementary, 2006.

Core Group/Working Group Member, Dignity in Schools Campaign of the American Bar Association Children's Rights Litigation Committee, 2006.

Heifer Voices Advisory Panel Member, Heifer International, 2006.

Board Member/Event Coordinator, Lee County Heart Ball Committee and Lee County Heart Guild of the American Heart Association, 2005 – 2006.

Volunteer/Trainer/Board Member, Lee County Crisis Center Hotline, 2001 - 2002.