Anna E. Premo
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EDUCATION

Ph.D. **University of Pittsburgh**, Pittsburgh, PA
Learning Sciences and Policy, Feb 2024 (Planned). Advisors: Jennifer Lin Russell and Chris Schunn.
Dissertation: "Exploring Practitioner Data Use in Education to Support Improvement Work"

M.C.P. **Massachusetts Institute of Technology**, Cambridge, MA
Urban Studies and Planning: International Development, 2012. Advisor: Diane E. Davis.
Thesis: "Spatialities of Conflict: Identity and Exclusion in Jerusalem and Johannesburg"

S.B. **Massachusetts Institute of Technology**, Cambridge, MA
Urban Studies and Planning, 2011. Advisor: Diane E. Davis.

SELECT PROFESSIONAL EXPERIENCE

2020-2023 **Graduate Researcher**, University of Pittsburgh Learning Research and Development Center

2020-2022 **Improvement Scholar**, Carnegie Foundation for the Advancement of Teaching

2019-2023 DXC Technology
Global Head of Business Transformation, Luxoft Banking & Capital Markets
Digital Industry Consulting Lead, AsiaPac Banking & Capital Markets

2016-2019 Premo Consulting
Data Strategy Consultant, MIT
Acting Director of DevOps, End-User Computing Company
Acting Director of Sales and Operations, Custom Furniture Company

2013-2016 **Strategy Consultant**, Accenture

2012-2013 **Visiting Fulbright Researcher**, University of the Witwatersrand

2010-2012 **Graduate Researcher**, MIT Department of Urban Studies and Planning

2008-2012 **Server**, The Asgard: Irish Pub and Restaurant

PUBLICATIONS

Refereed Publications:

2023 **Premo, A. E.**, Russell, J. L., Duff, M. From Improvement to Relationship Management: A Case Study of Data Artifact Creation and Use in a School Improvement Network. School Effectiveness and School Improvement. 34(4), 463-484.

(in revision) **Premo, A. E.**, Schunn, C. D. Using a NIC-Based Approach for Implementation of Student-Centered Practices: A Study of the Relationship Between Student Reading Outcomes and Degree of Teacher Implementation.

Manuscripts in Preparation:

Premo, A. E., Schunn, C. D. A Study of School-Level Effects of Network Participation.

Duff, M., Sherer, J. Z., Perlman, H., **Premo, A. E.**., Li, A. Equity in Networked Improvement: For Whom and Under What Conditions? Peabody Journal of Education.

Book Chapters:

(in press) Larbi-Cherif, A., **Premo, A. E.**, Schunn, C. D., Russell, J. Designing an Instructionally-Focused Practical Measurement System Centered on Equity. P. LeMahieu, P. Cobb (Ed.). Practical Measurement for Improvement. Harvard Education Press.

Reports and Evaluations:

(in preparation) **Premo, A. E.**, Schunn, C. D. Years 1-5 (2018-23) IFL-Dallas ISD NSI Overall Evaluation Report. Pittsburgh, PA: Learning Research and Development Center, University of Pittsburgh.

2023 Schunn, C. D., **Premo, A. E.** Year 5 (2022-23) IFL-Dallas ISD NSI Evaluation Report. Pittsburgh, PA: Learning Research and Development Center, University of Pittsburgh.

2023 Schunn, C. D., Anthony, A., **Premo, A. E.** Year 5 (AY 2022-23) IFL-Dallas ISD NSI Interim Evaluation Report. Pittsburgh, PA: Learning Research and Development Center, University of Pittsburgh.

Other Publications:

2023 **Premo, A. E.**, Goldstein, H. G. Developing Exit Tickets in an Improvement Network. Carnegie Foundation for the Advancement of Teaching. Research Brief. https://www.carnegiefoundation.org/wp-content/uploads/2023/08/Exit-Ticket-Brief_2.pdf

2021 **Premo, A. E.** How do you become a bank of the future? Stop thinking like a bank. DXC Technology. Info Brief. https://dxc.com/content/dam/dxc/projects/dxc-com/au/Insights/perspectives/pdfs/DG_1228a-22-How-do-you-become-a-bank-of-the-future.pdf

2020 Araneta, M,. Kapoor, S., **Premo, A. E.**, van der Pennen, G. Becoming More Human-Centred: IDC Financial Insights and DXC Review the New Era of Financial Services Growth as the Customer Takes Centre Stage. DXC Technology. Info Brief. https://dxc.com/content/dam/dxc/projects/dxc-com/au/Insights/perspectives/pdfs/dxc-au-paper-modernise-your-bank-to-become-more-human-centred.pdf

2013 **Premo, A. E.** Living the (planner's) dream. Berkeley Planning Journal. https://berkeleyplanningjournal.com/urbanfringe/2013/02/living-the-planners-dream

2012 **Premo, A. E.** Spatialities of conflict: identity and exclusion in Jerusalem and Johannesburg. MIT Master's Thesis, in the Department of Urban Studies and Planning. https://dspace.mit.edu/handle/1721.1/73820

CONFERENCE PRESENTATIONS

Refereed Presentations:

2023, April **Premo, A. E.**, Duff, M., Russell, J. L. Data Use in an Improvement Network. AERA, Chicago, IL.

2023, April Russell, J. L., Peurach, D., Bryk, T., Scherer, J., Schunn C. D., Duff, M., **Premo, A. E.** Organizing Networks to Accelerate School Improvement in Pursuit of Equitable Educational Opportunity: Evolving Notions of Improvement Network Development in the Context of the NSI Initiative. AERA, Chicago, IL.

2022, March **Premo, A. E.**, Li, A., Goldstein, H. G. Iterative Development, Implementation, and Sensemaking of a Practical Measure. Carnegie Foundation Summit on Improvement in Education, San Diego, California.

Upcoming Refereed Presentations:

2024, January **Premo, A. E.**, Schunn, C. D. Using a NIC-Based Approach for Implementation of Student-Centered Practices: A Study of the Relationship Between Student Reading Outcomes and Degree of Teacher Implementation. The International Congress for School Effectiveness and Improvement, Dublin, Ireland.

2024, April Duff, M., Sherer, J. Z., Russell, J. L., **Premo, A. E.**, Li, A., Perlman, H. Equity in Networked Improvement: For Whom and Under What Conditions? AERA, Philadelphia, PA.

Other Presentations:

2023, March **Premo, A. E.**, Duff, M., Russell, J. L. Data Use in an Improvement Network. University of Pittsburgh Council of Graduate Students in Education Spring Conference, Pittsburgh, Pennsylvania.

AWARDS AND HONORS

2012 **Fulbright Award (South Africa)**, Fulbright US Student Program

2011 **William Emerson Award**, MIT Department of Urban Studies and Planning

RESEARCH EXPERIENCE

2022-present Research Team Member. *Partners for Network Improvement: Conceptualizing and Measuring Network Health*. Bill & Melinda Gates Foundation. PI: J. Sherer. $4,517,528.

- Report design, development, and production with **R Markdown** for the initiative, overall, as well as for each participating network.
- **Mixed methods analysis** of network artifacts using **Dedoose** to understand the development of equity in the NSI initiative, describing ways in which the focus

expanded from the pursuit of equitable outcomes to the design and integration of equity in improvement processes.

2020-present Research Team Member. *University of Pittsburgh/Institute for Learning Network for School Improvement (9th Grade On Track).* Bill & Melinda Gates Foundation. PIs: C. D. Schunn, T. Petrosky, J. L. Russell, D. Thompson-Dorsey, R. Apodaca, & S. DeMartino. $8,224,070.

- Analysis of network hub data artifact creation and use through **mixed methods case study research**, including **NVivo-based coding of semi-structured interviews** and **analysis of 800+ artifacts**.
- Analysis of student- and network-level outcomes relative to teacher implementation to support evaluation of program impact using **advanced quantitative methods in Stata**, including **hierarchical linear modeling**, **propensity score matching**, and **coarsened exact matching**.
- Design, development, and operationalization of **student-facing exit ticket surveys, reports, and tooling** with 1900+ surveys completed and 50 reports generated; preparation of research brief on the process and results for the Carnegie Foundation for the Advancement of Teaching's Practical Measurement for Improvement site.
- Collaborative design and pilot of equity learning series for secondary teachers; development of **exit survey, feedback protocol, and interview protocol**, as well as a **novel collaborative coding process and tool** for use by a six person team to collect, analyze, and action pilot feedback.

2012-2013 Principal Investigator. *Portraiture of a City: Mapping Mobilities in Johannesburg.* Institute of International Education's Fulbright Program. PI: A. Premo. $21,050.

- Collection and analysis of comprehensive data on Hillbrow, a disadvantaged inner-city community, through **semi-structured interviews and observations in community spaces** (e.g., churches, community centers) in order to identify opportunities for reinvestment and redevelopment.
- Delivery of **seminars, guest lectures, and workshops** in conjunction with the Center for Urbanism and Built Environment Studies, School of Architecture and Planning, and Cities Institute at the University of the Witwatersrand and City Varsity.

2011-2012 Research Team Member. *Urban Resilience in Situations of Chronic Violence, CIS-IDG Initiative.* USAID, Office of Conflict Mitigation and Management. Co-PIs: D. Davis and J. Tirman. $550,000.

- Collection and analysis of **unstructured interviews and cognitive mapping exercises** with 50+ people; development of relationships with residents, community leaders, and government officials.
- Analysis, writing, and presentation of Johannesburg **case study** and collaborative development of culminating multi-city report.

TEACHING EXPERIENCE

Higher Education:

2023 Guest Lecturer, **Vanderbilt University** Nashville, TN
Special Topics in Leadership and Organizational Effectiveness: Continuous Improvement in Organizations (Dr. Jennifer Lin Russell)

2022, 2023 Course Mentor, **Massachusetts Institute of Technology** Cambridge, MA

Middle East Cross-border Development and Leadership (Dr. Peter Krause, Steven Koltai, and David Dolev)

2021 Teaching Assistant, **University of Pittsburgh** Pittsburgh, PA
Organizations, Networks, and Policy, Graduate School of Education (Dr. Eleanor Anderson)

2012-2013 Guest Lecturer, **University of the Witwatersrand** Johannesburg, South Africa

2012-2013 Guest Lecturer, **City Varsity** Johannesburg, South Africa

K-12:

2008 Math and Technology Teacher, **Hekima Primary School** Nairobi, Kenya

Out of School:

2009-2016 **Middle East Entrepreneurs of Tomorrow** Jerusalem and Cambridge, MA
Business Instructor and Computer Science Instructor
Instructor Team Lead, Instructor Training Lead, Integrated Curriculum Lead

2007 **Governor's School for Information, Society, and Technology** Philadelphia, PA
Programming Instructor
Software Development Teaching Assistant (Dr. Jeffrey L. Popyack)

Professional Development:

2020-2023 *Banking Spotlight Series*, **DXC Technology** Global
Planned, organized, and facilitated monthly industry- and capability-aligned professional development sessions available to 1200+ members of the global Luxoft Banking team.

2019 *Consulting 201*, **DXC Technology** Global
Planned and delivered professional development session available to 1000+ Australia- and New Zealand-based consultants on advanced consulting communications techniques.

SERVICE

Council of Graduate Students in Education, University of Pittsburgh
2022-present Business Manager and Executive Board Member
2022-present School of Education Planning and Budget Committee

MIT Admissions
2020-present Nashville Regional Chair
2014-present Educational Counselor