

ENRIQUE EDUARDO VALENCIA LÓPEZ

e-mail:eevalen1@uci.edu

website: evalencialopez.github.io

Academic Appointments

Postdoctoral Scholar, University of California, Irvine August 2024–current
Postdoctoral research funded by the Strada Education Foundation Fellowship.
P.I.: Prof. Richard Arum
Course Design Essentials (CDE) Certificate Program

Education

Ph.D. in Education, University of California, Berkeley 2024
Concentration in Data Science (School of Information)
Concentration in Policy (School of Education)
Dissertation Committee: Prof. Kris Gutiérrez, Prof. Erin Murphy-Graham, Prof. Tolani Britton,
Prof. Mara Loveman
Master in Social Policy Analysis, Katholieke Universiteit Leuven (KU Leuven), Leuven, Belgium
2012
Bachelor of Arts, Human Ecology, College of the Atlantic, Bar Harbor, ME 2011

Peer-Reviewed Journal Articles

1. Schlieber, M., **Valencia López, E.**, Copeman Petig, A., Pufall Jones, E. (2026). We need support... in order to keep going: The association between early educators' work environments and career intentions. *Early Childhood Research Quarterly*. Advance online publication. <https://www.sciencedirect.com/science/article/pii/S0885200626000542>
2. Schlieber, M., Adejuno, T., Knight, J., **Valencia López, E.**, Pufall Jones, E. (2023). "...Because we do so together": A mixed-methods analysis of assistant teachers' work environment, conditions, and teamwork experiences. *International Journal of Child Care and Education Policy*, 17, 19. <https://doi.org/10.1186/s40723-023-00123-6>
3. Pacheco-Montoya, D., Murphy-Graham, E., **Valencia López, E.**, Cohen, A. (2022). Gender norms, control over girls' sexuality, and child marriage: A Honduran case study. *Journal of Adolescent Health*, 70(3). <https://doi.org/10.1016/j.jadohealth.2021.11.007>
4. Murphy-Graham, E., Pacheco, D., Cohen, A., **Valencia López, E.** (2021). Examining school dropout among rural youth in Honduras: Evidence from a mixed-methods longitudinal study. *International Journal of Educational Development*, 82. <https://doi.org/10.1016/j.ijedudev.2020.102329>

Peer-Reviewed and Published Reports

1. Murphy-Graham, E., Soto, N., **Valencia-López, E.** (2025). *Gender and drop-out in Latin America*. In *The SAGE Encyclopedia of Education and Gender* (Vol. 2, pp. 240–243). SAGE Publications, Inc. <https://doi.org/10.4135/9781071926697.n85>
2. Murphy-Graham, E., Soto, N., **Valencia-López, E.** (2025). *Gender and education in Latin America*. In *The SAGE Encyclopedia of Education and Gender* (Vol. 2, pp. 243–246). SAGE Publications, Inc. <https://doi.org/10.4135/9781071926697.n86>
3. Whitebook, M., **Valencia López, E.**, & Copeman, A. (2025, December). *A Bizarro World for Toddlers: An Update*. Center for the Study of Child Care Employment.

4. Schlieber, M., Knight, J., Adejuno, T., Copeman Petig, A., **Valencia López, E.**, & Pufall Jones, E. (2023). *Early Educator Voices: Oregon: Work Environment Conditions that Impact Early Educator Practice and Program Quality*. Center for the Study of Child Care Employment, University of California, Berkeley.
5. Schlieber, M., Austin, L. E., & **Valencia López, E.** (2020). *Marin County center-based early care education workforce study 2019*. Center for the Study of Child Care Employment, University of California, Berkeley.
6. **Valencia López, E.** (2019). Improving and Aligning Measurement of Ethnicity in Latin America: A Pre-print. Paris: UNESCO.
7. Panorama Educativo de México, 2015; Panorama Educativo de México, 2016 (Education at a Glance: Mexico). (With many co-authors, INEE, 2015 & 2016).
8. Breve Panorama Educativo de la Población Indígena, 2017 (Educational Report on Indigenous Education). (Co-authored with UNICEF-Mexico staff). INEE–UNICEF, 2016.
9. Zheng, Y., Guerriero, M., **Valencia López, E.**, & Haverman, P. (2017). *Universal Basic Income: A Working Paper. A Policy Option for China beyond 2020?* Beijing: United Nations Development Programme.
10. El Estado de la Educación en México (The state of education in Mexico). (With many co-authors). INEE, 2015 & 2016.

Research: Work in Progress

Minor Revisions

Revise and Resubmit

- **Valencia López, E.** Effect of the 1994 Educational Reform on Attitudes towards Indigenous and Afrodescendientes (Revise and Resubmit)
- **Valencia López, E.** Ethnic Mobility In Mexico (Revise and Resubmit)

Initial Review

- **Valencia López, E.** Historical Depictions of Indigenous and Afrodescendientes in Mexican Textbooks using NLP and Facial Recognition (initial review)

In Preparation

- **Valencia López, E.**, Gallimore, S., Agustin, J., Rosene, M., & Yan, I. The relationship of internship participation and job mismatch: Evidence from the *Baccalaureate & Beyond* Survey (in preparation)
- **Valencia López, E.** & Arum, R. Internship trajectories and early labor market outcomes (in preparation)
- **Valencia López, E.**, Coutts, F., & Arum, R. Microcosms of the Labor Market: How Universities Sort Students into Specialized vs. Exploratory Co-ops (in preparation)
- **Valencia López, E.**, & Devries, J. Civic Online Reasoning during College (in preparation)

Conference Papers

- **Valencia López, E.** (2026). An exploration of civic online reasoning growth during college [round table paper]. Paper accepted at the American Education Research Association conference.
- Coutts, F., & **Valencia López, E.** (2026). Specialization of College [paper]. Paper accepted at the Sociology of Education Conference.
- **Valencia López, E.**, McDossi, O., Coutts, F., & Arum, R. (2025, August). Effect of co-op

specialization on employment outcomes [paper]. Paper presented at the RC28 Conference, International Sociology Association, University of California, Los Angeles.

- Lee, J. C., **Valencia López, E.**, Cardoza, D. (2023, April). From Eugenics to Standardized Testing: Histories of Educational Assessment [paper]. Accepted at the American Educational Research Association Annual Meeting, 2023.
- **Valencia López, E.** (2022, April). Measurement Invariance of a Professional Learning Community Scale [poster]. Accepted at the American Educational Research Association Annual Meeting, 2022.
- **Valencia López, E.** (2020, April). Ethnic Mobility in Mexico [flash paper]. Accepted at the Annual Meeting of the Population Association of America.
- **Valencia López, E.** (2020, March). Improving and Aligning the measurement of ethnicity in Latin American Survey. Accepted to be presented at the Conference of the Comparative International Education Society.

Research Experience

Steinhardt School of Education, New York University (Remote)

Researcher

October 2023–August 2024

- Graduate Student Researcher collaborating in the Teacher Instructional Practices and Processes System (TIPPS) under Prof. Edward Seidman’s supervision.
- Developed a science assessment for an intervention in Honduras funded by the European Research Council (ERC).
- Used IRT to examine psychometric properties across three waves (DIF, TIC, ICC); improved assessment design; created an item bank; analyzed textbook content for alignment.

Center for the Study of Child Care Employment, University of California, Berkeley

Graduate Research Assistant to Dr. Marisa Schlieber

March 2020–May 2024

- Participated in projects characterising the early childhood education (ECE) workforce in the United States and Australia.
- Developed models including fixed effects regression, ANOVA, t-tests, Confirmatory Factor Analysis, Item Response Theory (IRT), Latent Profile Analysis, and multilevel modelling.
- Contributed to two peer-reviewed papers and three reports.

DLab, University of California, Berkeley

Research Assistant to Prof. David Harding and D-Lab instructor July 2022–Summer 2023

- Longitudinal analysis of administrative data.
- Drafted a paper on the effect of transitioning from in-person to online instruction during the pandemic using a difference-in-differences (DiD) design.
- Taught courses on Python, R, and Stata.

The Chen-Zuckerberg Initiative (CZI) Summer Fellowship on Measurement

Researcher and Evaluator with Prof. Jade Caines Lee

Summer 2022–Summer 2023

- Supported evaluation of two federally funded RCT and quasi-experimental projects: SLATE (New Hampshire) and PACE (Kentucky).
- Tasks included identifying data for impact evaluation, proposing fidelity measures, and identifying measurable outputs and outcomes.
- Both projects focused on improving student achievement and attitudes towards STEM for English Language Learners (ELL) in K–12.

School of Public Health, University of California, Berkeley

Graduate Research Assistant to Prof. Stefano Bertozzi September 2019–Summer 2022

- Reviewed literature; assisted in peer-review of quantitative articles related to public health and education.
- Conducted preliminary statistical analyses (linear regression, propensity score matching, sampling design).

Graduate School of Education, University of California, Berkeley

Graduate Research Assistant to Prof. Erin Murphy-Graham 2019–2020

- Conducted research in Honduras; contributed to two peer-reviewed papers.
- Developed and analyzed science and math assessments; analyzed longitudinal data of 1,000 students spanning six years.
- Conducted EFA and multilevel modelling; proposed research topics leading to publication in *Journal of Adolescent Health*.

United Nations Educational, Scientific, and Cultural Organisation (UNESCO)

Research Fellow 2019–2020

- Research Fellow for the Global Education Monitoring Report.
- Analysed census, household surveys, and international surveys (DHS, MICS) across 12 Latin American countries.
- Published paper cited in the 2020 Global Education Monitoring Report; used fixed effects logistic regression.

Office of the Vice-chancellor for Undergraduate Education, University of California, Berkeley

Assessment Fellow 2018

- Cleaned, analysed, and prepared reports using SAS and Stata for UC Berkeley leadership.
- Part of the Discovery survey on definitions of “Discovery Learning” and cumulative Discovery Experiences.

National Institute for Educational Assessment and Evaluation (INEE)

Deputy Director and Program Manager 2014–2017

- Coordinated design and calculations of socioeconomic indicators for national reports evaluating education quality in Mexico.
- Drafted analytical framework and proposal for indicators design for Prospera’s education outcomes (M&E framework).
- Co-authored reports with UNICEF on Indigenous peoples and Mexicans of African-descent; drafted policy reports on Indigenous populations and children of migrant farmworkers.
- Developed policy guidelines development model linking evaluations and policy recommendations; systematised teacher interviews on the national teaching professional service.

United Nations Development Programme (UNDP), Beijing, China

Research Assistant 2017

- Research Assistant for UNDP’s chief economist and UNDP representative in China.
- Co-authored report on feasibility of Universal Basic Income (UBI) in China; results informed pilot and follow-up work in 2020.

Teaching and Guest Lectures

- Workshop [hybrid]: Introduction to R. UCI-MUST Lab, Fall and Winter 2024

- Data Science Lab[online]—Main Instructor for Stata, Python, and R courses. 2021–2023
- Education in A Global World—Graduate Student Instruction [online] (lead instructor: Prof. Erin Murphy-Graham). 2020–2024
- Guest Lecturer: First year undergraduate seminar (lead instructor: Prof. Stefano Bertozzi). January 2021
- Guest Lecturer: College of the Atlantic. Changing Schools, Changing Society. January 2021

Technical Skills

- Statistical Analysis: Stata, SAS, R, Python, QGIS
- Software & Tools: MS Office, L^AT_EX
- Languages: Spanish (native), English (fully proficient), French (advanced)

Academic Honours and Awards

- Innovation Day Fellow — Association for Public Policy Analysis and Management (APPAM), 2025
- Ascendium Researcher Fellowship Award — Society for Research on Educational Effectiveness (SREE), 2025
- Dissertation Fellowship — Institute for Labor Relations and Employment, 2023–2024 — \$75,000 USD
- Research Grant — Center for Race and Gender, UC Berkeley, 2023–2024 — \$510 USD
- Dissertation Fellowship — Institute for Labor Relations and Employment, 2023–2024 — \$75,000 USD
- Data Science Fellow — D-Lab, UC Berkeley, 2022–2023 — \$2,400 USD
- Data Science For Social Justice Fellow — D-Lab, UC Berkeley, Summer 2022 — \$2,000 USD
- The Chen–Zuckerberg Initiative (CZI) Summer Fellowship on Measurement — National Council on the Measurement of Education, 2022 — \$8,000 USD
- Graduate Student Mentor — Institute for Labor Relations and Employment, 2021–2022
- Graduate Student Award — Institute for Labor Relations and Employment, 2021 — \$5,000 USD
- Zuckerberg & Chen Measurement Fellow — National Council on Measurement in Education, 2020, 2022
- Summer Grant — CLAS at Berkeley, 2019
- Edgar and Camila Morphet Fellowship Award, 2019
- UNESCO Global Education Monitoring Report Fellow, 2019 — \$25,000 USD
- UC Berkeley Graduate Division Summer Grant, 2018–2019
- UC–CONACYT–MEXUS Fellow, 2017–2022
- UC–GSE Fellowship Award, 2017
- UC–Assessment Fellow, 2017

Service and Leadership

- Topic Coordinator, *Frontiers in Education*
- Mentor, University of California, Irvine (UCI-MUST Project)
- Peer Reviewer for: International Comparative Society Conference; American Educational Research Association; *International Journal of Child Care and Education Policy*; *Frontiers in Education*
- Managing Editor, *Berkeley Review of Education*
- Peer-Mentor, Center for Effective Global Action

- Graduate Student Mentor, Social Science Research Pathways
- Graduate Mentor, Undergraduate Research Apprenticeship, University of California, Berkeley

Select Professional Training [all fully funded]

- NCES Data Institute: Using Federal Datasets to Support Research on Postsecondary Education, Association for Institutional Research (2025)
- NTNU and UC Berkeley Sociology Department: Comparative Sociology Seminar (2023)
- Oxford Poverty & Human Development Initiative: Multidimensional Poverty Measurement and Analysis (2017)
- Université du Luxembourg: Measurement and Taxing of Wealth (2018)
- Human Capital and Economic Opportunity Summer School, University of Chicago (virtual), 2021
- Berkeley Initiative for Transparency in the Social Science (virtual), 2021
- Data Science for Social Justice, UC Berkeley (virtual), Summer 2022

Professional Memberships and Affiliations

- Center for Population, Inequality, and Policy, University of California, Irvine
- Center for Latin American and Caribbean Studies, University of California, Berkeley
- Society for Research on Educational Effectiveness
- National Council on Measurement in Education
- RC28 of the International Sociological Association