

# ENRIQUE EDUARDO VALENCIA LÓPEZ

University of California-Berkeley, Graduate School of Education. 2121 Berkeley Way West, Berkeley, CA. 94704  
evalencialopez@berkeley.edu

## EDUCATION

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**University of California-Berkeley, Berkeley, CA**

*August 2017 - Present*

PhD in Education, focus on Education Policy.

Relevant Coursework: Econometrics (ARE 212 & ARE 213), Impact Evaluation (PHLTH 252D), Measurement in Education (EDU274A), Data Analysis for Education (EDU293A & EDU275B)

**Graduate Certificate in Data Science**

**Katholieke Universiteit Leuven, Leuven, Belgium**

*September 2011 - September 2012*

**Master in Social Policy Analysis**

**College of the Atlantic, Bar Harbor, ME**

*September 2007 - May 2011*

**Bachelor of Arts, Human Ecology.**

## RESEARCH EXPERIENCE

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**School of Public Health. University of California, Berkeley. September 2019-Current**

*Graduate Research Assistant to Dean Emeritus and Director a.i. of Alianza UCMX, Prof. Stefano Bertozzi*

- Administrative support with various tasks involving Alianza UCMX, the UC-systemwide collaboration with Mexico
- Analysis of literature related to incarcerated populations, HIV and Monitoring and Evaluation
- Support with syllabus and course design

**Center for the Study of Child Care Employment. University of California, Berkeley. March 2020-Current**

*Graduate Research Assistant*

- Research on the effects of COVID on the Pre-K workforce in New York City, Charlotte, North Carolina and Portland, Oregon, the United States of America.
- Validation of SEQUAL Teacher Assessment using Confirmatory Factor Analysis and Item Response Theory
- Qualitative analysis of interviews to stakeholders, which include assessing the effect of the 2020 COVID pandemic on the Pre-K workforce.
- Survey Analysis of Early Childhood Education Workforce

**The Center for Effective Global Action. University of California, Berkeley/The Graduate School of Education. March 2019-June 2020**

*Graduate Research Assistant to Prof. Erin Murphy-Graham*

- Analysis of survey data to reconstruct educational trajectories and educational indicators of teenagers in rural Honduras
- Design of the science assessment to evaluate the impact of TIMSS in Honduras
- Literature review of determinants of school dropout in Latin America

- Estimate models identifying the effect of marriage and pregnancy in the probability of dropping out of upper secondary school in rural schools in Honduras
- Synthesis and coding of interview and video data to assess teacher's instructional practices using Teacher Instructional Practices and Processes System (TIPPS). I also contributed to adapt TIPPS to the Honduran context.
- Review of impact evaluation methodologies (Propensity Score Matching, Regression Discontinuity Design, and Diff-in-Diff) and coding of algorithms to estimate causal effects under conditions of non-compliance.

**United Nations Educational, Scientific, and Cultural Organisation (UNESCO) January 2019- December 2019**

*Research Fellow for the Global Education Monitoring Report.* Research under the supervision of Dr. Bilal Barakhat, Sr. Policy Researcher at the Global Education Monitoring Report. One-month research visit at UNESCO headquarters in Paris. France fully paid. Eleventh month research project. Use of Fixed and Random Effects Regression and Logistic Regression. Literature Review on Ethnic Mobility and diversity statistics in Latin America. <https://en.unesco.org/gem-report/fellowship>.

**Luxembourg Institute for Socioeconomic Research (LISER) May 2018- August 2018**

*Visiting Researcher* I conducted a Literature Review of Policies related to Professional Learning Communities (PLC) and analysed data from the 2015 Programme for International Student Assessment (PISA): student and teacher questionnaires to test measurement invariance of a PLC scale.

**National Institute for Educational Evaluation and Assessment (INEE). Dec. 2015- Aug 2017**

*Deputy Director in the Directorate for the Integration of Information and Data Analysis.*

- Coordinated the design and calculations of socioeconomic indicators to be included in yearly national reports focusing on evaluating the quality of education in Mexico (Panorama Educativo de México 2015 2016)
- Co-authored two reports on the evolution of the Mexican educational system, as well as its performance in terms of equity and achievement, to brief Mexico's Federal Congress
- Drafted an analytical framework and proposal for indicators design to be used by Prospera, Mexico's largest cash transfer program, to evaluate their educational outcomes (ME framework).
- Led a team of five professionals to propose, calculate, update and analyse the national indicators system for the evaluation of education on socioeconomic and demographic aspects.
- Proposed a framework for indicators at municipal level.
- Co-authored a report with UNICEF staff on the educational state of indigenous peoples.
- Prepared position papers and comments for the Mexican delegation for the Technical Cooperation Group Meeting of Goal 4 of the Sustainable Development Goals held in Madrid, Spain in June 2016 and the Global Alliance to Monitor Learning held in Mexico City in 2017.
- Use of National Household Surveys, Administrative Data and International Surveys used. Mexican Census.

**United Nations Development Programme (UNDP) Aug 2017- Oct 2017**

*Volunteer Research Assistant.*

Analysed programmes related to Universal Basic Income (UBI) in Finland, Netherlands, India and Namibia. Drafted a working paper under the supervision of UNDP's national economist and deputy

representative.

Link: <https://www.cn.undp.org/content/china/en/home/presscenter/articles/2017/12/18/second-ubi-roundtable-piloting-ubi-in-china.html>

### **Citibanamex. Jul 2015- Nov 2015**

*Analyst*

I analysed large datasets (more than 10 million registries) and forecasted monthly profits for the massive sector, reducing the error from 5% to 2.6%.

### **National Institute for Educational Evaluation and Assessment (INEE) Jun 2014- Jun 2015**

*Project Manager in the Directorate for Policy Guidelines for the Improvement of Education.*

- Co-authored INEEs Model for Policy Guidelines Development, one of the first in Latin America aiming to connect evaluations with policy recommendations at the system level.
- Drafted policy reports on indigenous populations and children of migrant farmworkers.
- Conducted focus groups with teachers in indigenous education about their expectations on schooling and the national evaluation programme
- Analysed and systematised interviews to teachers about the recently created national teaching professional service.
- Drafted a position paper concerning Mexico's assessment tests (EXCALE, ENLACE, PISA and TIMMS) and their use in the process of policy development.

## **TECHNICAL STRENGTHS**

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<b>Statistical Anaysis</b>	Stata (Advanced), SAS (Intermediate), R (Intermediate), QGIS (Basic)
<b>Software &amp; Tools</b>	MS Office, L <sup>A</sup> T <sub>E</sub> X
<b>Languages</b>	Spanish (native), English (fully proficient), French (Advanced)

## **WORKING PAPERS AND PUBLISHED REPORTS**

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- Murphy-Graham, E., Pacheco, D., Cohen, A. & **Valencia Lopez, E.** (2020) Examining school dropout among rural youth in Honduras: Evidence from a mixed methods longitudinal study *International Journal of Educational Development*. Accepted, December 2020
- Schlieber, M., Austin, L. E., & **Valencia Lopez, E.** (2020). *Marin County center-based early care education workforce study 2019*. Center for the Study of Child Care Employment, University of California, Berkeley.
- Zheng, Y., Guerriero, M., **Valencia Lopez, E.** & Haverman, P. (2017) *Universal Basic Income: A Working Paper. A Policy Option for China beyond 2020?* Beijing:United Nations Development Programme. [9 citations]
- Panorama Educativo de México, 2015 & Panorama Educativo de México, 2016 (Education at a Glance: Mexico). (With many co-authors, INEE, 2015 & 2016).
- Breve Panorama Educativo de la Población Indígena, 2017 (Educational Report on Indigenous Education). (Co-authored with UNICEF-Mexico staff). INEE-UNICEF, 2016.
- El Estado de la Educación en México (The state of education in Mxico). (co-author with mexican academics). INEE, 2015 & 2016.

## **OTHER PUBLICATIONS**

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- Valencia López, Enrique Eduardo (2020). *COVID-19 pandemic and indigenous and non-indigenous students in Mexico*. World Education Blog. UNESCO.

## CONFERENCE PAPERS

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- **Valencia López, E.** (2018, April) Comparing ethnic disparities in Latin America: The case of Mexico. Paper session presented at the Conference of the Comparative International Education Society [Accepted. Reviewers advised to move presentation from poster to paper. Withdrawn to compete for UNESCO Fellowship]
- **Valencia López, E.** & Lomos, C. (2019, April) Measurement Invariance of a Professional Learning Communities Model. Panel session presented at the Conference of the Comparative International Education Society.
- Jacobo, S. & **Valencia López, E.** (2019, April) International analysis of Computer Information Literacy (CIL) among immigrant students. Poster presentation at the UC-Berkeley Graduate Research Day.
- Murphy-Graham, E., Pacheco, D., Cohen, A & **Valencia López E.** (2020, March) Gender and Dropout in Honduras. Paper [accepted] to be presented at the Conference of the Comparative International Education Society
- **Valencia López E.** (2020, March) Improving and Aligning the measurement of ethnicity in Latin American Survey. Paper [accepted] to be presented at the Conference of the Comparative International Education Society
- **Valencia López E.** (2020, April) Ethnic Mobility in Mexico. Flash Paper [accepted as part of the regular session] to be presented at the Annual Meeting of the Population Association of America.

## ACADEMIC HONOURS AND AWARDS

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<b>Zuckerberg &amp; Chen Measurement Fellow for underrepresented minorities</b>	
<b>Awarded by the United States National Council on Measurement in Education</b>	<b>2020</b>
<b>Summer Grant, CLAS at Berkeley</b>	<b>2019</b>
<b>Edgar and Camila Morphet Fellowship Award-</b>	
<b>(Awarded to a promising PhD student</b>	
<b>in Education by the Graduate Division at UC Berkeley)</b>	<b>2019</b>
<b>UNESCO Global Education Monitoring Report Fellow</b>	<b>2019</b>
<b>UC Berkeley Graduate Division Summer grant</b>	<b>2018-2019</b>
<b>UC-MEXUS Fellow</b>	<b>2017-2022</b>
<b>UC-GSE Fellowship Award</b>	<b>2017</b>
<b>UC-Assessment Fellow</b>	<b>2017</b>

## REFERENCES

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**Prof. Kris Gutiérrez**, Professor Carol Liu of Educational Policy at the University of California-Berkeley  
Krisd@berkeley.edu

**Prof. Erin Murphy-Graham**, Adjunct Professor at the University of California-Berkeley  
emurphy@berkeley.edu

**Prof. Bruce Fuller**, Professor of Education Policy at the University of California-Berkeley  
bfuller@berkeley.edu

**Dr. Catalina Lomos**, Researcher at the Luxembourg Institute for Socioeconomic Research  
Catalina.lomos@liser.lu

**Dr. Marisa Schlieber**, Research Analyst, Center for the Study of Child Care Employment,  
University of California, Berkeley.  
mschlieber@berkeley.edu