Joseph Aguilar-Bohorquez

Ph.D. Candidate in Applied Economics

Department of Applied Economics, University of Minnesota

aguil213@umn.edu | (+1) 763-353-9090

Website | Google Scholar

RESEARCH FIELDS

Regional and Urban Economics; Rural and Community Development; Labor Economics; Public Policy Evaluation; Economics of Education

EDUCATION

University of Minnesota–Twin Cities — **Saint Paul, MN**

Ph.D. Candidate in Applied Economics; expected May 2027 — *September 2021–present*

Dissertation committee: Elton Mykerezi (chair), Aaron Sojourner, Marc F. Bellemare, and Paul Glewwe

University of Minnesota–Twin Cities — **Saint Paul, MN**

M.S. in Applied Economics — *September 2019–May 2021*

Escuela Superior Politécnica del Litoral (ESPOL) — **Guayaquil, Ecuador**

Economist, Minor in Management — *May 2012–April 2017*

WORKING PAPERS

American Indian Casino Operations and Firm Long-Run Employment and Sales *(Job Market Paper)*. **Joseph Aguilar-Bohorquez**, Randall Akee, and Elton Mykerezi. 2026. Harvard Kennedy School WP 26-001; NBER Working Paper 32555 (2024). Revise and resubmit, *Journal of Policy Analysis and Management* (2026).

Eliciting Information about Teacher Applicants Using Open-Ended Questions. **Joseph Aguilar-Bohorquez**, Dan Goldhaber, Cyrus Grout, Elton Mykerezi, Prayash Pathak, and Aaron Sojourner. 2026. Upjohn Institute Working Paper 26-440; IZA Discussion Paper 18942.

Would Longer Weekends Keep Teachers in Rural Schools? Evidence from Minnesota's Four-Day School Week Program. **Joseph Aguilar-Bohorquez**, Elton Mykerezi, and Janna E. Johnson. 2026. *AAEA Annual Meeting paper*, AgEcon Search. doi:10.22004/AG.ECON.404607.

Type-Consistent Willingness to Pay in Contingent Valuation Methods: An Application to the Mangrove Forest in the Gulf of Guayaquil. J. G. Castillo, **Joseph Aguilar-Bohorquez**, and I. Valverde-Bajaña. SSRN working paper.

Related outreach publication: Boletín de Política Económica, no. 3 (CIEC–ESPOL, 2018).

WORK IN PROGRESS

Entrepreneurship and Career Trajectories Using Professional Profiles. **Joseph Aguilar-Bohorquez**, Elton Mykerezi, and Neil Linscheid.

Unpacking the Impact of Increased School Funding on Teacher Retention: Insights from Minnesota's Public-School Districts via Referendum Data. **Joseph Aguilar-Bohorquez** and Elton Mykerezi.

PEER-REVIEWED PUBLICATIONS

The Price Premium of Heritage in the Housing Market: Evidence from Auckland, New Zealand. David Bade, Jose Gabriel Castillo, Mario Andres Fernandez, and **Joseph Aguilar-Bohorquez**. 2020. *Land Use Policy* 99: 105042. doi:10.1016/j.landusepol.2020.105042.

Experimental Design with Network Effects for Companies to Enter in a Monopoly Market: Case Study with Undergraduate Students in an Entrepreneurial Roleplay Setting. Gonzalo Villa-Cox, Everardo Quezada, **Joseph Aguilar-Bohorquez**, Ivanna Valverde-Bajaña, and Paul Vera-Gilces. 2018. *Cuadernos de Economía* 41(115): 130–139. doi:10.1016/j.cesjef.2017.04.003.

Relationship between Economic Growth and Environmental Degradation: Is There Evidence of an Environmental Kuznets Curve for Brazil? Manuel A. Zambrano-Monserrate, Ivanna Valverde-Bajaña, **Joseph Aguilar-Bohorquez**, and María J. Mendoza-Jiménez. 2016. *International Journal of Energy Economics and Policy* 6(2): 208–216. Online article.

EXTENSION AND APPLIED POLICY PROJECTS

Olivia Armory Wellness & Community Hub *2025–2026*
City of Olivia and University of Minnesota Extension Southwest Regional Sustainable Development Partnership; Beth Labenz, Elton Mykerezi, and Tobias Spanier
Led the economic analysis and much of the report preparation for an assessment of the municipal wellness hub's operating costs, revenues, and financial sustainability. Worked directly with city administrators and community partners through meetings and a site visit, and presented findings and recommendations to the Olivia City Council on September 21, 2026. Published report (University of Minnesota Digital Conservancy). Project coverage (UMN Extension RSDP Happenings).

Business Dynamism and Economic Structure in Minnesota *2025–2026*
University of Minnesota Extension; Neil Linscheid
Analyzed county-level establishment formation, business churn, and employment using YourEconomy Time Series data and geospatial visualization. Coauthored "Set realistic new-business goals—starting with your own county's history" (*The Data Hotdish*, University of Minnesota Extension, September 17, 2026).

Cost-Benefit Analysis of Minnesota SNAP-Ed Direct Education *2025–2026*
University of Minnesota Extension, Department of Family, Health and Wellbeing; Hyunjun Kim, Karah Mechlowitz, Elton Mykerezi, and Janice Rasmussen
Led the cost-benefit study as first author, analyzing pre–post participant outcomes and program costs and developing an economic evaluation framework linking observed behavioral improvements to longer-term health and economic outcomes under explicit modeling assumptions. APHA 2026 conference abstract.

Entrepreneurship and Career Trajectories Using Professional Profiles *2026–present*
University of Minnesota Extension; Neil Linscheid and Elton Mykerezi
Using large-scale longitudinal professional-profile data from Revelio Labs to examine employment backgrounds and career trajectories preceding entrepreneurial entry. Completed initial data preparation and preliminary analyses, with ongoing work to expand the analysis across geographic areas.

RESEARCH EXPERIENCE

Department of Applied Economics, University of Minnesota **Saint Paul, MN**
Graduate Research Assistant *January 2022–present*

- Conduct research on American Indian economies, business dynamics, rural and regional development, teacher labor markets, and education policy.
- Apply causal-inference methods, text analysis, machine learning, and longitudinal administrative and establishment-level data to policy questions.

Center for Economic Research, ESPOL **Guayaquil, Ecuador**
Research and Teaching Assistant (official title: Teaching Technician) *May 2018–May 2019*

- Contributed to the technical team producing ESPOL's *Boletín de Política Económica*, no. 2, including economic analysis and data preparation; also conducted literature reviews and supported grant applications.

Rector's Office and ESPAE, ESPOL **Guayaquil, Ecuador**
Manager and Research Assistant *August 2017–April 2018*

- Analyzed export value chains and assisted research on business groups and tax-evasion incentives in Ecuador.

College of Social Sciences and Humanities, ESPOL **Guayaquil, Ecuador**
Research Assistant *May 2016–March 2017*

- Supported data analysis, manuscript preparation, and undergraduate instruction.

TEACHING EXPERIENCE

Humphrey School of Public Affairs, University of Minnesota **Minneapolis, MN**
Graduate Teaching Assistant, PA 8302: Applied Policy Analysis *September 2021–January 2022*

- Supported graduate instruction in econometric policy evaluation using Stata and R (instructor: Janna E. Johnson).

Center for Economic Research, ESPOL **Guayaquil, Ecuador**
Teaching Technician (Teaching Assistant), Econometrics I and II *May 2018–May 2019*

- Led weekly Stata labs and practice, supervised replication projects, and supported assessments.

Instructor, Stata Statistical Software: The Basics, ESPOL *May 2019*

CONFERENCE PRESENTATIONS

American Indian Casino Operations and Firm Long-Run Employment and Sales. 20th North American Meeting of the Urban Economics Association, Federal Reserve Bank of Chicago, Chicago, IL, September 2026.

American Indian Casino Operations and Firm Long-Run Employment and Sales. Agricultural & Applied Economics Association Annual Meeting, selected presentation, Kansas City, MO, July 2026.

Would Longer Weekends Keep Teachers in Rural Schools? Evidence from Minnesota's Four-Day School Week Program. Agricultural & Applied Economics Association Annual Meeting, lightning presentation, Kansas City, MO, July 2026.

American Indian Casino Operations and Firm Long-Run Employment and Sales. Counterfactual Methods for Policy Impact Evaluation (COMPIE), European Commission's Competence Centre on Microeconomic Evaluation (CC-ME) and IÉSEG School of Management, Paris, France, June 2026.

The Price Premium of Heritage in the Housing Market: Evidence from Auckland, New Zealand. VI International Congress of Economy, Universidad San Francisco de Quito, Quito, Ecuador, July 2018.

HONORS AND AWARDS

Willard W. Cochrane Fellowship, University of Minnesota *2021–2022*

Fulbright Scholarship for the M.S. in Applied Economics, University of Minnesota; national competition in Ecuador *2019–2021*

DAAD Study Visit Scholarship, German Academic Exchange Service *2016*

Best Economics Student Award, College of Social Sciences and Humanities, ESPOL *2016*

ACADEMIC SERVICE

Ph.D. Student Representative, Applied Economics Graduate Program Committee, University of Minnesota *2022–2024*

Undergraduate Student Representative, Board of Directors, College of Social Sciences and Humanities, ESPOL *2015–2016*

SKILLS AND LANGUAGES

Statistical software and programming: Stata, R, Python
GIS and mapping: ArcGIS Pro (county-level thematic mapping and spatial visualization)
Research and document tools: Jupyter, LaTeX
Languages: Spanish (native), English (fluent)

REFERENCES

Elton Mykerezi
Professor, Department of Applied Economics
Extension Economist, University of Minnesota Extension
University of Minnesota
myker001@umn.edu

Aaron Sojourner
Senior Economist and Deputy Director of Research
W.E. Upjohn Institute for Employment Research
sojourner@upjohn.org

Randall Akee
Julie Johnson Kidd Professor of Indigenous Governance and Development
Director, Project on Indigenous Governance and Development
Harvard Kennedy School, Harvard University
rakee@hks.harvard.edu