

IRMA ARTEAGA

Harry S Truman School of Government and Public Affairs
University of Missouri
E311 Locus Street Building
Columbia, MO 65211-6100
573-882-2718
arteagai@missouri.edu

RESEARCH AND TEACHING INTERESTS

Child Policy, Economics of Child Development, Development Economics

EDUCATION

2010 Ph.D. in Applied Economics, Department of Applied Economics, University of Minnesota
2008 Master of Public Policy, Hubert Humphrey School of Public Affairs, University of Minnesota
1998 Bachelor of Arts with Honors in Social Sciences (Major: Economics), Pontificia Universidad Católica del Perú

PRIMARY ACADEMIC APPOINTMENT

2018-present Associate Professor, Truman School of Public Affairs, University of Missouri
2010–2018 Assistant Professor, Truman School of Public Affairs, University of Missouri

OTHER ACADEMIC AFFILIATIONS AND ROLES

2015–present Fellow, Cambio Center, University of Missouri
2012–present Faculty Scholar, Institute of Public Policy, University of Missouri
2012–present Fellow, Center for Family and Policy Research, University of Missouri
1999–2002 Instructor, Pontificia Universidad Católica del Perú

PRIOR EMPLOYMENT

2010 Consultant, Inter-American Development Bank
2003–2004 Head of the Data Analysis Division, Congressional Research Center, Congress of the Republic of Peru, Lima, Peru
2002–2003 Economic Analyst, OSIPTEL (Regulatory Organism of Private Investment in Telecommunications), Lima, Peru (part-time appointment)
2002–2003 Economic Researcher, Instituto Apoyo, Lima, Peru

PEER-REVIEWED PUBLICATIONS

Heflin, Colleen, Hodges, Leslie, Arteaga, Irma & Ojinnaka, Chinedum. (2022). Churn in the older adult population, *Applied Economic Perspectives and Policy* (accepted).

Arteaga, Irma, Hodges, Leslie., & Heflin, Colleen. (2021). Giving kids a boost: The positive relationship between frequency of SNAP participation and Infant's preventative health care utilization. *SSM-population health*, 15, 100910.

- Heflin, Colleen, Hodges, Leslie, Ojinnaka, Chinedum, & Arteaga, Irma. (2021). Hypertension, Diabetes and Medication Adherence among the Older Supplemental Nutritional Assistance Program Population. *Journal of Applied Gerontology*, 07334648211022493.
- Heflin, Colleen, Irma Arteaga, Felix Ndashimye, and Matthew Rabbitt. (2020) "Childhood Injuries and Food Stamp Benefits: An examination of administrative data in one US State." *BMC Pediatrics* 20(1): 1-8.
- Arteaga, Irma, Kathy Thornburg, Raj Darolia, and Jacqueline Hawks. (2019). "Improving Teacher Practices with Children under Five: Experimental Evidence from the Mississippi Buildings Blocks." *Evaluation Review* 43(1-2), 41-76.
- Ou, Suh-Ruu, Irma Arteaga, and Arthur Reynolds. (2019). "Dosage effects in the child-parent center PreK-to-3rd grade program: A Re-analysis in the Chicago longitudinal study." *Children and Youth Services Review* 101 (2019): 285-298.
- Heflin, Colleen, Irma Arteaga, Leslie Hodges, Felix Ndashimye, and Matthew Rabbitt. (2019). "SNAP Benefits and Childhood Asthma." *Social Science & Medicine* 220: 203-211.
- Arteaga, Irma, and Paul Glewwe. (2019). "Do community factors matter? An analysis of the achievement gap between indigenous and non-indigenous children in Peru." *International Journal of Educational Development*: 65 80-91.
- Arteaga, Irma, C. Heflin, and S. Parsons. (2019). "Design Flaws: Consequences of the Coverage Gap in Food Programs on Children at Kindergarten Entry." *Applied Economic Perspectives and Policy* 41.2: 265-283.
- Arteaga, Irma, C. Heflin, and L. Hodges. (2018). "SNAP Benefits and Pregnancy-Related Emergency Room Visits." *Population Research and Policy Review*: 1-22.
- Potochnick, Stephanie, and Irma Arteaga. (2018). "A Decade of Analysis: Household Food Insecurity among Low-Income Immigrant Children." *Journal of Family Issues* 39(2): 527-551.
- Arteaga, Irma, Stephanie Potochnick, and Sarah Parsons. (2017). "Decomposing the Household Food Insecurity Gap for Children of U.S.-Born and Foreign-Born Hispanics: Evidence from 1998 and 2011." *Journal of Immigrant and Minority Health*: 1-9.
- Arteaga, Irma, Colleen Heflin, and Sara Gable. (2016). "The Impact of Aging out of WIC on Food Security in Households with Children." *Children and Youth Services Review* 69: 82-96.
- Heflin, Colleen, Irma Arteaga, and Sara Gable. (2015). "The Child and Adult Care Food Program and Food Insecurity." *Social Service Review* 89(1): 77-98.
- Arteaga, Irma, and Collen Heflin. "Participation in the National School Lunch Program and Food Security: An Analysis of Transitions into Kindergarten." *Children and Youth Services Review* 47.3 (2014): 224-230.

- Arteaga, Irma, S. Humpage, A. Reynolds, and J. Temple. (2014). "One Year of Preschool or Two: Does It Matter for Adult Outcomes? Results from the Chicago Longitudinal Study of the Child-Parent Centers." *Economics of Education Review* 40: 221–237.
- Ards, Sheila, S. Myers, P. Ray, H. Kim, K. Monroe, and I. Arteaga. (2012). "Racialized Perceptions and Child Neglect." *Children and Youth Services Review* 34(8): 1480–1491.
- Reynolds, Arthur, J. Temple, S. Ou, I. Arteaga, and B. White. (2011). "School-Based Early Childhood Education and Age-28 Well-Being: Effects by Timing, Dosage, and Subgroups." *Science* 333.6040: 360–364.
- Temple, Judy, Arthur Reynolds, and Irma Arteaga. (2010). "Low Birth Weight, Preschool Education, and School Remediation." *Education and Urban Society* 42.6 (2010): 705–729.
- Arteaga, Irma, Chih-Chih Chen, and Arthur Reynolds. (2010). "Early Childhood Predictors of Adult Substance Abuse." *Children and Youth Services Review* 32(8): 1108–1120.
- Jaramillo, Miguel, and Irma Arteaga. (2004). "La Inversión Pública en Educación: Proceso de Asignación y Determinantes Del Gasto por Alumno." *Economía y Sociedad* 54: 1–7.

BOOK CHAPTERS

- Arteaga, Irma. "Panorama Economico Peruano en el Contexto del Proceso de Reforma del Estado." In *Union Europea y America Latina. Claves para un Acercamiento*, edited by José Manuel Saiz-Alvarez, 61–90. Madrid, Spain: Vision Net, 2004.

INVITED WORKING PAPERS

- Arteaga, Irma, and Paul Glewwe. "Achievement Gap between Indigenous and Non-Indigenous Children in Peru: An Analysis of Young Lives Survey Data." *Young Lives: An International Study of Childhood Poverty*, Working Paper 130. Oxford, England: University of Oxford, 2014. http://www.ninosdelmilenio.org/wp-content/uploads/2014/09/YL-WP130_Arteaga_achievement-gaps-Peru.pdf.
- Mendoza, Waldo, Pedro Herrera, and Irma Arteaga. "Dynamics of Inflation and Economic Activity Level in an Open Economy," Working Paper No. 217. Lima, Peru: Pontificia Universidad Católica del Perú, 2003. <http://departamento.pucp.edu.pe/economia/images/documentos/DDD217.pdf>.

POLICY BRIEFS

- Heflin, Colleen, C. Ojinnaka, I. Arteaga, and L. Quick. "Proper Medication Adherence is a Challenge for Older SNAP Participants with Chronic Health Conditions. Research Brief #50, Maxwell Syracuse University." (2021).
- Heflin, Colleen, Irma Arteaga, Leslie Hodges, Felix Ndashimye, and Matthew Rabbitt. (2019). Food Assistance May Help Families Prevent Emergency Department Visits for Child

Asthma. Lerner Center for Public Health Promotion. Syracuse University. June 2019.
http://lernercenter.syr.edu/wp-content/uploads/2019/06/HeflinSNAPAsthma_FINAL.pdf

Hanson, Casey, and Irma Arteaga. (2014). "Analyzing the Long-Term Impact of Head Start: The Case for an Integrated Approach to Early Childhood Data in Missouri." Columbia, MO: Center for Family and Policy Research, University of Missouri.
<http://hdfs.missouri.edu/cfpr/documents/briefs/headStartImpact.pdf>.

WORK IN PROGRESS

- "Home Visitation or Group Meeting? Training parents on early child stimulation in rural Guatemala" with Julieta Trias (under review).
- "Supplemental Nutrition Assistance Program Participation and Medication Adherence among Medicaid-Insured Older Adults Living with Hypertension" with Chinedum Ojinnaka, Leslie Hodges and Colleen Heflin (under review)
- "Measuring food security in the U.S. for 25 years: History, methods, findings, and opportunities" With Parke Wilde (draft available)
- "Child care subsidies and early care choices: the case of Hispanic families." With Judy Temple and Sangyoo Lee (work in progress)
- "Can technology narrow the early childhood stimulation gap in rural Guatemala? Results from an experimental approach." With Julieta Trias (work in progress).
- "Effects of changes in SNAP benefit size on medication adherence and chronic disease for older adults." With Leslie Hodges, Colleen Heflin, and Chinedum Ojinnaka (work in progress)
- "Federal funding for English language learners: Are long-term effects." With Ann Obadan (work in progress)
- "Do barriers to participation in WIC differ by language? A qualitative study in Missouri." With Michelle Segovia, and Fiorella Carlos-Chavez (data analysis finished)
- "Challenges with food access for WIC participants during the pandemic: The role of culture." With Michelle Segovia, Fiorella Carlos-Chavez, Youngbin Lee, and Indiana Garcia.

REPORTS (NON-PEER REVIEWED)

Arteaga, Irma. Evaluating the Impact of a Social Welfare Program in Nicaragua: A Difference-in-Difference Matching Approach. Report prepared for the World Bank. July, 2017.

Arteaga, Irma, D. Bolanos, C. Hamilton, and D. Mauzy. "Are Missouri's Children Ready? Examining the Importance of Including Early Childhood and Afterschool Data in Missouri's Comprehensive Data System." Report to the Missouri Department of Elementary and Secondary Education. January, 2013.

Thornburg, Kathy, Jacqueline Hawks, and Irma Arteaga. "Mississippi Building Blocks Year 4 Evaluation Report." Report to the University of Mississippi Barksdale Reading Institute. 2013.

Thornburg, Kathy, Jacqueline Hawks, and Irma Arteaga. "Mississippi Building Blocks Year 3 Evaluation Report," Report to the University of Mississippi Barksdale Reading Institute. 2012.

Thornburg, Kathy, Jaqueline Hawks, Irma Arteaga, and Jason Grissom. "Mississippi Building Blocks Year 2 Evaluation Report," Report to the University of Mississippi Barksdale Reading Institute. 2011.

Temple, Judy, Irma Arteaga, and Arthur Reynolds. "Longer-Term Effects of Preschool for Urban Children: Results from the Chicago Longitudinal Study." Minneapolis, MN: University of Minnesota, 2010. <http://www.cehd.umn.edu/icd/research/CLS/docs/Temple2010report.pdf>.

Jaramillo, Miguel, and Irma Arteaga. "Public Investment in Education: Allocation Process and Determinants of Public Expenditure per Student." Report to the Consortium of Economic Research. Lima, Peru: Consortium of Economic Research, 2003: 1–103.

GRANTS AND CONTRACTS

Principal Investigator. "Increasing Enrollment and Retention in WIC: A National Survey in the Works." MU Research Council. 05/01/2022-04/30-2023. With Michelle Segovia. \$10,000.

Co-Principal Investigator. "Identifying Scalable and Cost-effective Approaches to Improving Parenting Practices for Young Children in Developing Settings." Submitted to the Institute for Human Development and Social Change's Seed Award at New York University. 05/01/2022 - 05/30/23. With Alejandro Gaminian, Andreas de Barros, and Sneha Sheth. \$20,000.

Principal Investigator. "Policy influences on early care and education arrangements." Administration for Children and Families at the US Department of Health and Human Services. 09/30/2020 – 03/29/2022. With Judy Temple. \$104,999.

Co-Principal Investigator. "25 Years of Food Security Measurement: Answered Questions and Further Research." Cooperative research agreement. Economic Research Service at the US Department of Agriculture. 9/30/2020 – 12/31/2022. With Parke Wilde (PI). \$700,000 (University of Missouri's subcontract \$50,000).

Co-Investigator. "Show Me Healthy Relationships". Administration for Children and Families at the US Department of Health and Human Services. 09/30/2020 - 09/29/2025. With Chelsea Garneau-Rosner (PI) and Melissa Herzog. \$6,245,092.

Principal Investigator. "Can technology narrow the early childhood stimulation gap in rural Guatemala? Results from an experimental approach." Submitted to the World Bank Strategic Impact Evaluation Funding's COVID-19 Emergency Window. \$182,829. With Julieta Trias, and Miriam Martinez.

Principal Investigator. "Food insecurity and chronic diseases in low-income older Americans: The role of SNAP receipt in medication underuse." Submitted to the University of Kentucky Center for Poverty Research (funding from USDA-ERS). 3/20/2020 – 2/28/2022. With Colleen Heflin, Leslie Hodges, and Chinedum Ojinnaka. \$249,980.

Principal Investigator. "Does maternal depression caused by food insufficiency influence parenting practices and impact infant wellbeing? The role of SNAP." Tufts

University/University of Connecticut Research Innovation and Development Grants in Economics Program, funded by USDA. 6/1/2019 – 10/30/2020. With Leslie Hodges. \$50,000.

Principal Investigator. “Home visitation or group intervention? Effects of early stimulation on child wellbeing in rural Guatemala: A cluster randomized control trial.” Research Board, University of Missouri. 03/2018 – 03/2019. With Miriam Martinez. \$24,000.

Principal Investigator. “Evaluation for the Right from the Start Program.” Parents as Teachers National Center. 9/1/2016–8/30/2020. With Gustavo Carlo. \$148,530.

Principal Investigator. “Randomized Evaluation to Assess the Development and Nutrition of Young Children in Guatemala (Nuestros niños sanos y listos).” The World Bank. 9/1/2015–9/1/2017. With Miriam Martinez. \$57,156.

Principal Investigator. “Interaction between Water and Sanitation and Social Programs and their Impact on Health Outcomes: Evidence from Panama’s Red de Oportunidades.” The World Bank. 10/1/2015–6/31/2016. \$14,997.

Principal Investigator. “Design Flaws: The Effect of the Coverage Gap in Food Assistance Programs on Children’s Well-Being.” Institute for Research on Poverty, RIDGE Center for National Food and Nutrition Assistance Research. 7/1/2015–12/31/2016. With Colleen Heflin. \$39,962.

Co-Principal Investigator. “Safety Net Programs and Immigrant Food Insecurity.” Research Board, University of Missouri. 5/1/2014–5/31/2015. With Stephanie Potochnick (PI). \$32,000.

Consultant. “Evaluation of the 21st Century Grant.” Institute for Public Policy, University of Missouri. 2014–2015.

Co-Investigator. “The Mediating Effects of SNAP on Health Outcomes for Low-Income Households.” Cooperative Agreement. Economic Research Service, U.S. Department of Agriculture. 7/1/2014–6/30/2018. With Colleen Heflin (PI) and Peter Mueser. \$100,000.

Principal Investigator. “Effects of Head Start Participation in the State of Missouri.” Missouri Coordinating Board of Early Childhood, funded by Missouri Department of Social Services. 1/1/2013–8/31/2013. \$31,455.

Co-Investigator. “Participation in the National School Lunch Program and Food Security: A Regression Discontinuity Design Analysis of Transitions into Kindergarten.” Southern Rural Development Center, RIDGE Center for Targeted Studies. 7/1/2012–12/31/2013. With Colleen Heflin (PI). \$34,934.

Co-Investigator. “Families with Hungry Children and the Transition from Preschool to Kindergarten.” University of Kentucky Center for Poverty Research/Economic Research Service, U.S. Department of Agriculture. 7/1/2011–9/30/2012. With Colleen Heflin and Sara Gable. \$45,000.

Program Evaluator. “Evaluation of Mississippi Building Blocks.” Center for Family and Policy Research. 2011–2014.

SELECTED INVITED PRESENTATIONS

Arteaga, Irma. “Effects of Test Translation on Kindergarten English Learners’ Performance on Literacy, Math and Executive Function.” Andrew Young School of Policy Studies. Georgia State University. May, 2019.

Arteaga, Irma. “SNAP Benefits and Pregnancy-Related ER Visits.” Invited speaker at the Using Administrative Data for Program Evaluation and Research: Recent Successes and Next Steps conference organized by the U.S. Census Bureau, Washington, D.C., November 2016.

Arteaga, Irma. “Water Infrastructure, Lifestyle Behaviors and Social Programs: Assessing the Synergies in Indigenous Panama.” Invited speaker at the Ministry of Social Development, Panama City, Panama, September 2016.

Arteaga, Irma. “Use of Propensity Scores Methods in Program Evaluation.” Invited speaker at the International Impact Evaluation Workshop organized by the World Bank, Panama City, summer 2015.

Arteaga, Irma. “Sample Size and Statistical Power in the Evaluation of Social Programs.” Invited speaker at the International Impact Evaluation Workshop organized by the World Bank, Panama City, Panama, summer 2015.

Arteaga, Irma. “The Relationship between Maternal Education and the Production of Cognitive Skills in Children: The Case of Peru.” Invited speaker at Universidad de Piura, Lima, Peru, 2010.

OTHER PRESENTATIONS AND CONFERENCES

2022: Special Topics Meeting at the Society for Research in Child Development, Association for Education Finance and Policy Annual Conference, Annual Meeting at the Western Economic Association (scheduled).

2021: Biennial Meeting of the Society for Research in Child Development, Association for Education Finance and Policy Annual Conference, Annual Meeting of the Society for Research on Educational Effectiveness

2020: Annual Meeting of the American Economic Association, Society for Research in Child Development Special Topic Workshop: Connecting Worlds: Strengthening the Evidence Base for Culturally Relevant Interventions in Early Childhood Care and Education (by invitation only).

2019: Association for Public Policy Analysis and Management Annual Conference (scheduled), Association for Education Finance and Policy Annual Conference.

2018: American Economic Association Annual Conference, Association for Public Policy Analysis and Management Annual Conference, Association for Education Finance and Policy Annual Conference

2017: Biennial Meeting of the Society for Research in Child Development, Western Economic Association International Conference

2016: Association for Public Policy Analysis and Management Annual Research Conference, Population Association of America Conference

2015: Association for Public Policy Analysis and Management Annual Fall Research Conference, Biennial Meeting of the Society for Research in Child Development, Midwest Economic Association Annual Conference, Association for Education Finance and Policy Annual Conference

2014: Association for Public Policy Analysis and Management Annual Fall Research Conference, Association for Education Finance and Policy 39th Annual Conference.

2013: Association for Public Policy Analysis and Management Annual Research Conference, Western Economic Association International 88th Annual Conference, Biennial Meeting of the Society for Research in Child Development

2012: Association for Public Policy Analysis and Management Annual Fall Research Conference, Annual Meeting of the Population Association of America, Association for Education Finance and Policy 37th Annual Conference

2011: Annual Meeting of the American Economic Association, Annual Meeting of the Midwest Economic Association.

2010: American Education Research Association Annual Conference, Association for Public Policy Analysis and Management Annual Fall Research Conference.

2009: Society for Research in Child Development Biennial Meeting, Denver, CO.

2008: Society for Prevention Research Annual Meeting, San Francisco, CA.

2006: Association for Public Policy Analysis and Management Annual Fall Research Conference, Madison, WI.

ACADEMIC AWARDS AND FELLOWSHIPS

- | | |
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| 2020 | World Bank LAC VPU award for the project “Promoting Child Development through parenting program in rural Guatemala: Home visits or group meetings?” |
| 2009 | Best Poster Award for Excellence in Research by New/Emerging Scholar, Annual Research Conference of the Association for Public Policy and Management |
| 2009–2010 | Doctoral Dissertation Fellowship, Graduate School, University of Minnesota |
| 2006–2009 | Departmental Scholarship, Department of Applied Economics, University of Minnesota |
| 2007 | Mary A. and Robert B. Litterman Endowed Fellowship, Summer Fellowship, Department of Applied Economics, University of Minnesota |
| 2004–2006 | James E. Jernberg Public Service Fellowship, Humphrey School of Public Affairs, University of Minnesota |

2002–2003 Distinguished Instructor, Department of Economics, Pontificia Universidad Católica del Perú

TEACHING EXPERIENCE

University of Missouri (graduate level)

Early Childhood Policy
Public Policy Analysis
Economic Analysis for Public Affairs
Advanced Research Methods II (Applied Econometrics)

Pontificia Universidad Católica del Perú (undergraduate level)

Microeconomics
Macroeconomics
Econometrics

PROFESSIONAL SERVICE AND ACTIVITIES

Statistical Consulting Editor for *Child Development* (appointed in 2020)
Associate Editor for *Developmental Psychology* (since January 2022)

Journal referee: *Child Development*, *Early Childhood Research Quarterly*, *Economics of Education Review*, *Journal of Population Economics*, *Applied Economic Perspectives and Policy*, *Economia*, *American Journal of Public Health*, *Journal of Nutrition*, *Preventive Medicine*, *American Educational Research Journal*, *Educational Researcher*, *Children and Youth Services Review*, *Journal of Immigration and Minority Health*, *Education Policy*, *Evaluation Review*, *Journal of Family Issues*, *Journal of the Academy of Nutrition and Dietetics*, *Applied Psychology: Health and Well-Being*, *Public Administration Review*, *Journal of School Health*, *International Journal of Child Care and Education Policy*, *PLOS-ONE*, and *Language, Culture and Curriculum*, *Latin American Research Review*.

Article editor: *SAGE Open*

Session discussant: Association for Public Policy and Management, Association for Education Finance and Policy, Michigan Education Association, Western Economic Association International (various years)

Session Chair: Association for Public Policy and Management, Western Economic Association International (various years)

Conference Reviewer: Society for Research in Child Development (2020)

SERVICE TO THE UNIVERSITY OF MISSOURI

University Service

2018-2019 A&S Faculty Awards Committee member

2018, 2019 Reviewer, University of Missouri Research Council

- 2016–2018 Latin-America Advisory Group
- 2014 Committee Member, Master’s Dissertation Thesis, Department of Human Development and Family Science, College of Human Environmental Sciences
- 2014 Committee Member, Doctoral Dissertation Thesis, Department of Educational Leadership and Policy Analysis, College of Education
- 2013 Committee Member, Master’s Dissertation Thesis, Department of Political Science, College of Arts and Science
- 2011, 2012, 2014 Reviewer, University of Missouri Research Board

Departmental Service

- 2021- Member, TSGPA Graduate Studies Committee
- 2020- Member, TSGPA Advisory Committee
- 2020 Member, Peer Review Teaching Committee
- 2020 Member, IPP Advisory Committee
- 2020 Member, TSPA-Political Science Merger Committee
- 2012– Coordinator, Public Policy Certificate
- 2017- Member, TSPA Personnel Committee
- 2018- Member, TSPA Promotion & Tenure Committee
- 2017-2019 Director of Graduate Studies, Doctoral Program
- 2017-2019 Member, Policy Committee
- 2017 Member, Career Service Search Committee
- 2017 Chair, ad-hoc Committee on Search Voting Rules
- 2017 Member, Faculty Search Committee for Tenure-track and Visiting Professors (Spring)
- 2017 Member, Faculty Search Committee, joint with Engineering and Economics (Spring)
- 2014–2019 Co-Organizer, Truman School of Public Affairs Seminar Series
- 2014–2017 Member, Doctoral Program Committee
- 2011–2014 Member, Master of Public Affairs Admissions Committee
- 2011 Member, Faculty Search Committee

Advisor for 19 policy certificate students, 19 master’s students and two doctoral students; committee member for five doctoral students

PROFESSIONAL AFFILIATIONS

Society for Research in Child Development
 Association for Education Finance and Policy
 Association for Public Policy and Management
 American Economic Association
 Western Economic Association International

LANGUAGE ABILITY

English (fluent)
 Spanish (native speaker)