

IRMA ARTEAGA

Harry S Truman School of Government and Public Affairs
University of Missouri
E313 Locus Street Building
Columbia, MO 65211 || 573-882-2718
arteagai@missouri.edu

RESEARCH AND TEACHING INTERESTS

Children and Family Policy, Food and Nutrition Policy, 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

2020–present Board Member, 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

Arteaga, I., de Barros, A., & Ganimian, A. J. (2025). The Challenges of Scaling up Effective Child-Rearing Practices Using Technology in Developing Settings: Experimental Evidence From India. *Journal of Research on Educational Effectiveness*, 1-19.

Arteaga, I., Carlos Chavez, F., Segovia, M., & Nayga, R. (2025). Challenges and Barriers to WIC Participation Vary by Participation Status and Language: Findings from focus groups in Missouri. *Appetite*, 206, 107838.

Wilde, P. E., & Arteaga, I. (2024). Household food security responses for SNAP participants and nonparticipants. *Applied Economic Perspectives and Policy*.

- Arteaga, I., & Wilde, P. (2023). Measuring food security in the US for 25 years: history, methods, findings, and opportunities. *Journal of the Academy of Nutrition and Dietetics*, 123(10): S5-S19.
- Ojinnaka, Chinedum, Arteaga, Irma, Hodges, Leslie & Heflin, Colleen. (2023). Supplemental Nutrition Assistance Program Participation and Medication Adherence among Medicaid-Insured Older Adults Living with Hypertension, *Journal of General Internal Medicine* ,1-8.
- Ojinnaka, C. O., Arteaga, I., Hodges, L., & Heflin, C. (2023). SNAP participation and medication adherence among older Black Medicaid-insured individuals living with hypertension. *American Journal of Hypertension*, hpad052.
- Heflin, Colleen, Hodges, Leslie, Arteaga, Irma & Ojinnaka, Chinedum. (2023). Churn in the older adult population, *Applied Economic Perspectives and Policy*, 45(1): 350-371.
- Heflin, Colleen, Hodges, Leslie, Ojinnaka, Chinedum, & Arteaga, Irma. (2022). Hypertension, Diabetes and Medication Adherence among the Older Supplemental Nutritional Assistance Program Population. *Journal of Applied Gerontology*: 780-787, 07334648211022493.
- 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, 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. (2014). "Participation in the National School Lunch Program and Food Security: An Analysis of Transitions into Kindergarten." *Children and Youth Services Review* 47 (3): 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 Económico Peruano en el Contexto del Proceso de Reforma del Estado." In *Unión Europea y América Latina. Claves para un Acercamiento*, edited by José Manuel Saiz-Álvarez, 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, Perú: Pontificia Universidad Católica del Perú, 2003. <http://departamento.pucp.edu.pe/economia/images/documentos/DDD217.pdf>.

POLICY BRIEFS

Heflin, Colleen, Leslie Hodges, Irma A. Arteaga, Chinedum O. Ojinnaka, and Gabriella Alphonso. "Older Adults on SNAP Experience Gaps in Benefits." (2022). Research Brief #83, Maxwell School of Citizenship and Public Affairs, Syracuse University." (2022).

Heflin, Colleen, Irma Arteaga, and Julia Stafford. "Consistent SNAP participation increases preventative health care visits for infants". Research Brief #53, Maxwell School of Citizenship and Public Affairs, Syracuse University. (2021).

Heflin, Colleen, C. Ojinnaka, Irma Arteaga, and Lauryn Quick. "Proper Medication Adherence is a Challenge for Older SNAP Participants with Chronic Health Conditions. Research Brief #50, Maxwell School of Citizenship and Public Affairs, 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>.

WORKING PAPERS

* Indicates a student author.

Carlos Chavez, F., Lewis, K., *Moore, B., Tang, T., Vargas, E., Hamsen, J., Lee, R., *Lee, Y., Arteaga, I., Chapman, D., Rikoon, J., & Arcury, T. "Meal Preparation Strategies and Food Insecurity among Unaccompanied Latino Migrant Farmworker Youth in Georgia and Florida: A Mixed-Methods Approach," (revise and resubmit)

Arteaga, I., Lee, S., & Temple, J. "Using repeated cross-sectional data to examine changes in early care and education arrangements over time: results from the US National Survey on Early Care and Education 2012 and 2019." (under review).

Arteaga, I., & Trias, J. "Can technology narrow the early childhood stimulation gap in rural Guatemala? Results from an experimental approach," (under review)

*Lee, Y., Carlos Chavez, F. & Arteaga, I. "Does Administrative Burden Preclude Mothers with Immigrant Status from Participating In WIC? The Case of Missouri," (under review)

Arteaga, I. & Obadan, A. "The long-term effects of the requirements for limited English proficient children of the No Child Left Behind Act on education."

Trias, J. & Arteaga, I. "Home Visitation or Group Meeting? Training parents on early child stimulation in rural Guatemala."

WORK IN PROGRESS

* Indicates a student author.

Arteaga, I., Temple, J. & Lee, S. "Parental Choices of Early Education Settings and the Local Availability of Public School-Based Preschool."

Arteaga, I., Lee, S. & Temple, J. "Trends in the Health and Food Insufficiency of Young Children before, during, and after COVID-19."

Carlos Chavez, F., *Lee, Y., Arteaga, I. & Segovia, M. "Hispanic Immigrant Mothers' Experiences in the Missouri WIC Program: A Thematic Analysis of Focus Groups."

*Lee, Y., Carlos Chavez, F., Arteaga, I. "Food Insecurity and Depressive Symptoms among Latino Farmworker Adolescents in Arizona: The Role of Age."

GRANTS

Co-Principal Investigator. "Childcare cost burden for infants and toddlers: National trends, public preschool expansion and new evidence from selected states." Access to Infant and Toddler Care and Education: Research and Evaluation. US Department of Health and Human Services. HHS-2024-ACD-OPRE-YE-1212. 9/30/2024 – 09/29/2027. With Judy Temple (PI) and Sangyoo Lee (co-PI). \$338,285. (University of Missouri's subcontract \$103,438).

Co-Principal Investigator. "USDA RIDGE Partnership for Food and Nutrition Assistance Research." Cooperative research agreement. Economic Research Service at the US Department of Agriculture. 9/30/2022 – 9/29/2025. With Parke Wilde (PI). \$750,000 (University of Missouri's subcontract \$43,000).

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 Ganimian, 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 \$78,699).
- 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. “Food security gap between Hispanic and non-Hispanic children” ERS-USDA, Kansas City, MO. November 2022.

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.

ACADEMIC AWARDS AND FELLOWSHIPS

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

Associate Editor for Developmental Psychology (since January 2022)
Statistical Consulting Editor for *Child Development* (2020-2024)

Journal referee: Child Development, Early Childhood Research Quarterly, Economics of Education Review, Journal of Population Economics, Applied Economic Perspectives and Policy, American Journal of Agricultural Economics,

Economic and Human Biology, *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*, *Journal of Nutrition in Gerontology and Geriatrics*, *Early Education and Development*.

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 (2020-24), Association for Public Policy and Management (2023), Society for Research on Educational Effectiveness (2024)

Grant reviewer for the Robert Wood Johnson Foundation (2021, 2022)

Committee Member at Society for Research in Child Development (professional association), LC Social Policy Subcommittee (2024-present)

SERVICE TO THE UNIVERSITY OF MISSOURI

University Service

2024- University of Missouri Faculty Council
Committee member, Faculty Affairs

2018-2019 A&S Faculty Awards Committee member

2018, 2019 Reviewer, University of Missouri Research Council

2017–2018 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

2022-	Member, TSGPA MPA Committee
2021-2022	Member, TSGPA Graduate Studies Committee
2020-	Member, TSGPA Advisory Committee
2020-2023	Member, TSGPA Personnel Committee
2020-	Member, TSGPA Promotion & Tenure 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

PROFESSIONAL AFFILIATIONS

Society for Research in Child Development

Association for Public Policy Analysis and Management

LANGUAGE ABILITY

English (fluent)

Spanish (native speaker)