

ARIUN ISHDORJ

I. PERSONAL INFORMATION

Rank: Associate Professor
Office Address: Department of Agricultural Economics
369 AGLS
Texas A&M University
College Station, TX 77843-2124
Phone: (979) 845-6322
Email: aishdorj@tamu.edu

II. EDUCATION

Ph.D. Economics, Iowa State University, Ames, IA, 2008
Dissertation: *Essays on Food Assistance Program Participation and Demand for Food.*
Committee Chairs: Helen Jensen and Justin Tobias
M.S. Mathematics, University of Idaho, Moscow, ID, 2000
B.S. Mathematics, National University of Mongolia, Ulaanbaatar, Mongolia, 1996

III. EXPERIENCE

2016-Present Associate Professor, Department of Agricultural Economics,
Texas A&M University
2012-Present Intercollegiate Faculty of Agribusiness, Department of Agricultural Economics,
Texas A&M University
2009-2016 Assistant Professor, Department of Agricultural Economics,
Texas A&M University

Past Positions

2008 - 2009 Postdoctoral Research Associate, Center for Agricultural and Rural
Development (CARD), Department Economics, Iowa State University,
Ames, Iowa
2006 Instructor, Department of Economics, Iowa State University
2002 - 2008 Graduate Research Assistant, Center for Agricultural and Rural
Development, Department of Economics, Iowa State University
1998 - 2000 Graduate Teaching Assistant, Department of Mathematics, University of
Idaho, Moscow, Idaho
1996 - 1998 Instructor, School of Economics, National University of Mongolia

Areas of Expertise

Nutrition policies, food assistance programs, consumer behavior, demand analysis, health economics, applied and Bayesian econometrics

IV. RESEARCH

A. Journal Articles (*Indicates papers co-authored with graduate students advised)

Egbuonye*, N.C, **A. Ishdorj**, E. McKyer and R. Mhuu. 2021. "Examining the Dietary Diversity of Children in Niger." *Nutrients*, 13, 2961.

Capps, Jr., O., **A. Ishdorj**, P. Murano, L. Field, A. Hutto, and C. Spaulding, 2019. "Waste Not Want Not: Examining the Economic/Financial Dimensions of Limiting Starchy Vegetables in School Lunches" *Choices*. 34(1).

Jang*, J., **A. Ishdorj**, D. Anderson, T. Purevjav, and G. Dahlke. 2017. "Exploring the Existence of Grader Bias in Beef Grading." *Journal of Agricultural and Applied Economics*. 49(3): 467-489.

Cisse-Egbuonye*, N, **A. Ishdorj**, E.L.J. McKyer and R. Mkuu. 2017. "Examining Nutritional Adequacy and Dietary Diversity among Women in Niger." *Maternal Child Health Journal*. doi: 10.1007/s10995-016-2248-x

Ishdorj, A., and O. Capps, Jr. 2017. "The Impact of Policy Changes on Milk and Beverage Consumption of Texas WIC Children." *Agricultural and Resource Economics Review*. 46(1).

Capps, O. Jr., **A. Ishdorj**, P. Murano, and M. Storey. 2016. "Examining Vegetable Plate Waste in Elementary Schools by Diversity and Grade." *Health Behavior and Policy Review*. 3(5):419-428.

Magana*, D., **A. Ishdorj**, C.P. Rosson, and J. Lara-Alvarez. 2016 "Determinants of Household Food Security in Mexico." *Agricultural and Food Economics*. 4(10).

Bardzik*, A., **A. Ishdorj**, and J. Jang*. 2016. "Super-premium Fruit and Vegetable Beverages: A Retail Sales Analysis and Demand Estimation." *Agricultural and Resource Economics Review*. 45(3):563-580.

Ishdorj, A., O. Capps, Jr., and P. Murano. 2016. "Nutrient Density and the Cost of Vegetables from School Lunches." *Advances in Nutrition*. 7:1S-7S.

Ishdorj, A., O. Capps, Jr., M. Storey, and P. Murano. 2015. "Investigating the Relationship between Food Pairing and Plate Waste from Elementary Schools Lunches." *Food and Nutrition Sciences*. 6(11):1029-1044.

Ishdorj, A. and L. Higgins. 2015. "Children's Food Security and Participation in the National School Lunch Program." *Applied Economics and Finance*, 2(1): 119-128.

Purevjav, T., M.P. Hoffman, **A. Ishdorj**, A.J. Conover, M.E. Jedlicka, K. Prusa, J. Torrent and G.M. Pusillo. 2013. "Effects of Functional Oils and Monensin on Cattle Finishing Programs." *The Professional Animal Scientist*. 29:426-434.

McAdams, C.P., M.A. Palma, C.R. Hall and **A. Ishdorj**. 2013. "A Non-Hypothetical Ranking and Auction Mechanism for Novel Products." *Journal of Agricultural and Applied Economics*. 45(1): 35-52.

Ishdorj, A., M.K. Crepinsek, and H.H. Jensen. 2013. "Children's Consumption of Fruits and Vegetables: Do School Environment and Policies Affect Choice at School and Away from School?" *Applied Economic Perspectives and Policy*. 35(2): 341-359.

Ishdorj, A., and O. Capps, Jr. 2013. “The Effects of Revised WIC Food Packages on Native American Children.” *American Journal of Agricultural Economics*, 95(5):1266-1272.

Karali, B., G. Power, and **A. Ishdorj.** 2011. “Bayesian State Space Estimation of Stochastic Volatility for Storable Commodities.” *American Journal of Agricultural Economics*, 93(2):434-440.

Ishdorj, A., H.H. Jensen, and J. Tobias. 2008. “Intra-household Allocation and Consumption of WIC Approved Foods: A Bayesian Approach.” *Advances in Econometrics*, 23:157-182.

Ishdorj, A. 1997. “Some Simple Deterministic and Stochastic Models of the Population Demography.” *Journal of Mongolian Demography*, 21(1):40-43.

B. Book Chapters

Capps, Oral Jr., **A. Ishdorj,** S. Dharmasena, and M. Palma. “Economic Ramifications of Obesity: A Selective Literature Review.” *Routledge Handbook of Agricultural Economics*, 2018

Ishdorj, A., and V. Salin, “The Effect of Food Assistance on American Indian Women’s Food Choices” in Mendoza, J. “*Native Americans: Cultural Diversity, Health Issues and Challenges*” Nova Science Publishers. 2015.

C. Research Reports

Cho, S., and **A. Ishdorj** (2018). “The Effects of Disability, SNAP Participation and Changes in Benefits on Food Security.” RIDGE Final Report.

Ishdorj, A., and O. Capps, Jr., “Rural vs. Urban Texas WIC Children Food Choices and Intakes Before and After Changes in the Food Benefits.” ERS, USDA. March 2015.

Ishdorj, A., S. Kibriya, E. C. Price, and F. O. Boadu “Incomes, Food Security and Technologies in Rural Communities in Senegal.” Final Report for Howard G. Buffett Foundation. June 2013.

Capps, O. Jr., **A. Ishdorj,** P. Murano, L. Field, A. Hutto, and C. Spaulding. “Consequences of Limiting Starchy Vegetables in School Lunches.” Final Report to the Alliance for Potato Research and Education (APRE). April 2013.

Ng, D., V. Salin, G.W. Williams, E. Jones, and **A. Ishdorj.** “Competitive Assessment of Devil’s Claw in the Human and Animal Nutraceutical/Herbal Supplement Market.” Contract report for FAS, USDA and Millennium Challenge Admin – Namibia. May 2012.

Capps, O. Jr., G.W. Williams, V.S. Salin, S. Dharmasena and **A. Ishdorj.** “Quantitative Evaluation of the Effectiveness of Marketing and Promotion Activities by the Milk Processing Education Program (MilkPEP) and Dairy Management, Inc. (DMI). June 2012.

Ishdorj, A., H.H. Jensen, and M.K. Crepinsek. “Children’s Consumption of Fruits and Vegetables: Do School Environment and Policies Affect Choice in School Meals?” Center for Agricultural and Rural Development (CARD) *Working Paper Series* (12-WP 531), Iowa State University. September 2012.

Miranowski, J., H.H. Jensen, S.P. Batres-Marquez, and **A. Ishdorj.** “Product Differentiation and Segregation in Agricultural Systems: Non-Genetically Modified Specialty Corn and Soybean

Crops in Iowa.” Center for Agricultural and Rural Development (*CARD Working Paper Series* (04-WP 354), Iowa State University. February 2004.

D. Published Proceedings and Policy Briefs

Ishdorj A, Di, H., Samman, E., and McKyer, ELJ (2019). Are Rural Infants Benefiting from WIC Food Package Rule Changes? Breastfeeding and Infant Feeding Behaviors. Policy Brief. Southern Rural Health Research Center. Available at: <https://www.srhrc.tamhsc.edu>

Ishdorj A, Di, H., Samman, E., and McKyer, ELJ (2018). Are Rural Infants in Border Areas Benefiting from WIC Food Package Rule Changes? Breastfeeding Behaviors. Policy Brief. Available at: <https://www.ruralhealthresearch.org/centers/southwest>

Ishdorj, A., O. Capps, Jr., M. Storey and P. Murano. “An Examination of the Relationship between Plate Waste and Food Pairings in School Meals.” Research Perspectives section of *Produce Business Magazine*. November, 2015.

Hester, T., D.P. Anderson, A. Herring, and **A. Ishdorj**. “Changing Texas Livestock Auction Infrastructure Since 1969.” Proceedings of the 61 Annual Texas A&M Beef Cattle Short Course. August 2015.

V. GRANTS AND CONTRACTS AWARDED

External Funding

“Exploring the Socio-Ecological Implications of Hydroponic Farms in Urban Food Desserts Using Community Based Participatory Research” PI: J. Dave (PI); Co-PIs: D. Thompson, K. Hirschi, and A. Ishdorj (PI TAMU); (collaboration with Baylor College of Medicine). USDA, AFRI, 2020-2022. \$500,000.

“Food for Progress: Monitoring and Evaluation for Sustainability.” USDA, FAS, R. Norton (PI), A. Ishdorj (Co-I, one of multiple). 2018-2022. \$3,099,489.

“Evaluation and Spillover Effects of Targeted Benefits: The Case of WIC Program.” A. Ishdorj (PI), R. Dudensing (Co-PI) and L. McKyer (Co-PI) PESCA Division of Research, Texas A&M University. 2018-2020. \$25,000.

“The Effects of Disability, SNAP Participation and Changes in Benefits on Food Insecurity” A. Ishdorj (PI) for dissertation grant for Seungyeon Cho, Tufts/UConn RIDGE Center, ERS, USDA, 2017-2018. \$14,999.

“Are Rural Mothers and Infants Benefitting from Changes in National Women, Infant, and Children Policy?” L. McKyer and A. Ishdorj (Co-lead PIs). U.S. Department of Health and Human Services 2016-2018. \$513,105.

Texas Federal Statistical Research Data Center, A.Ishdorj (PI). 2016. \$8,000.

“Healthy Babies Initiative.” L. McKyer (PI), W. Garney (Co-PI), and A. Ishdorj (Co-PI). Texas Department of State Health Services. 2015-2018. \$600,000.

“Disability, Food Security, and SNAP.” A. Ishdorj (PI), USDA, ERS. 2015-2016. \$31,800.

“Using Family Focused Garden, Nutrition and Physical Activity Programs to Reduce Childhood Obesity” PIs: J. Warren, A. McIntosh and L. McKyer, A. Ishdorj (subcontract). National Institute of Food and Agriculture (NIFA), USDA. 2011-2016. \$4,965,999.

“Rural vs. Urban Texas WIC Children Food Choices and Intakes Before and After Changes in the Food Benefits.” Ishdorj, A. (PI), and O. Capps, Jr. (Co-PI). Southern Rural Development Center, RIDGE and USDA, ERS. 2013- 2014. \$35,000.

“Consequences of Limiting Starchy Vegetables in School Lunches.” Capps, O. Jr. (PI), Co-PIs: A. Ishdorj, P. Murano and C. Spaulding. Alliance for Potato Research and Education, 2012-2013. \$197,617.

“U.S. Market Study and Market Entry Strategy for Namibian Devil’s Claw.” Salin, V. (PI), Co-PIs: G.W. Williams, E. Jones, D.W. Ng, A. Ishdorj, and J. Elliot. Foreign Agricultural Service (FAS), USDA, 2011-2012. \$45,041.

“Household Food Expenditures and the Effect of WIC.” Jensen, H.H. (PI) and A. Ishdorj (Co-PI) Economic Research Service, USDA, 2008-2010. \$50,000.

“Intra-household Allocation and Consumption of WIC Approved Foods” Jensen, H.H. (PI), Co-PIs: A. Ishdorj and G. Marquis. Economic Research Service, FANRP Small Grants Program, 2005-2006. \$34,000.

VI. TEACHING

A. Direction of Graduate and Undergraduate Students

Table 3a. Graduate Student Advising

| Degree | Career | |
|-------------------|----------------|-----------|
| | Chair/Co-chair | Member |
| Ph.D. | 11 | 10 |
| Master of Science | 5 | 14 |
| Total | 16 | 24 |

Table 3b. Undergraduate Research Supervised

| Degree | Career |
|---------------|----------|
| Undergraduate | 5 |
| Total | 5 |

B. Courses Taught

Undergraduate

- AGECE 105, Introduction to Agricultural Economics (2010 – present)

- AGECE 291, Research, Honors Credit, (2011)
- AGECE 491, Undergraduate Research, Honors Credit, (2013, 2017)
- AGECE 489, Study Abroad (2016)

Graduate

- AGECE 621, Econometrics for Agribusiness (2010-2014, 2019-2020)
- AGECE 676, Frontiers in Markets and Information Economics (2012, 2014, 2017, 2019, 2020)
- AGECE 635, Consumer Behavior and Demand Analysis (2016-2018)
- AGECE 662, Applied Econometric Methods in Agriculture II (2018)
- AGECE 691, Graduate Research, 2011-present
- AGECE 685, Directed Studies, Spring 2012 and 2013
- AGECE 684, Professional Internship, 2018-present

VII. SERVICE

A. Professional Societies and Associations - Member

- American Economic Association (AEA)
- Agricultural and Applied Economics Association (AAEA)
- American Society for Nutrition (ANS)
- Committee on Women in Agricultural Economics (CWAE) of AAEA
- Food Safety and Nutrition Section (FSN) of AAEA
- Southern Agricultural Economics Association (SAEA)

B. Editorial Responsibilities

Editorial Board Member, *Applied Economic Perspectives and Policy*, 2020-

C. Service to the Profession

- Member, Nominating Committee, AAEA 2021
- Chair, SAEA Poster Committee, 2021
- Secretary/treasurer, Committee on Women in Agricultural Economics (CWAE), AAEA, 2021
- Review Panel Member, Foundation for Food and Agricultural Research (FFAR), Food Waste and Loss Challenge Area, 2020
- Member, SAEA Poster Committee, 2018-2020
- Review Panel Member, National Institute of Food and Agriculture (NIFA), Agriculture Economics and Rural Communities: Markets and Trade Program, 2018
- Review Panel Member, FFAR, Seeding Solutions Program, 2017, 2018, 2021
- Review Panel Member, FFAR, New Innovator in Food and Ag Research Awards, 2017, 2018
- Review Panel Member, NIFA, USDA, 2016
- Reviewer, Demand and Price Analysis section, AAEA, 2017
- Topic Leader, Agribusiness Economics and Management, AAEA, 2- year term, 2013-2014

- Reviewer, Selected Papers, Annual Meetings, SAEA, 2009-present
- Reviewer, Selected Papers, AAEA, 2005-present
- Subject Area Coordinator, Annual Meeting, SAEA, 2011

Reviewer

Advance in Nutrition; Agricultural and Food Economics; Agricultural and Resource Economics Review; American Journal of Agricultural Economics; American Journal of Preventative Medicine; Applied Economic Perspectives and Policy; Choices; Economics and Human Biology; European Review of Agricultural Economics; Food Policy; Health Education and Behavior; Journal of Agricultural and Applied Economics; Journal of Applied Econometrics; Journal of Nutrition Education and Behavior; Public Health Nutrition; Review of Economics of the Household

VIII. HONORS AND AWARDS

- Dean's Outstanding Achievement Award in Educational Enrichment and Innovation, Texas &M University, 2018
- First Place, Poster Presentation, 3rd Annual SAAER, 2017
- Third Place, Sixth Annual Norman Borlaug Lectureship Competition, 2007
- Finalist, Poster Competition, Agricultural & Applied Economics Association (AAEA) annual meetings, 2007
- SOROS Global Supplementary Grant, 2006-2007
- Microeconomics Qualifying Examination Passed with Distinction, 2002 (one in the past 7 years), Department of Economics, Iowa State University