

## Ariun Ishdorj

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### EDUCATION

- Ph.D. Economics, Iowa State University, Ames, IA, 2008
- M.S. Mathematics, University of Idaho, Moscow, ID, 2000
- B.S. Mathematics, National University of Mongolia, Ulaanbaatar, Mongolia, 1996

### EXPERIENCE

#### Current Position

- Associate Professor, 2016 - present
- Intercollegiate Faculty of Agribusiness, 2012 - present
- Associate, Agribusiness, Food and Consumer Economics Research Center (AFCERC)  
Department of Agricultural Economics, Texas A&M University, 2009 - present

#### Past Positions

- Assistant Professor, 2009 - 2016
- Postdoctoral Research Associate, Center for Agricultural and Rural Development (CARD),  
Department Economics, Iowa State University, Ames, Iowa, 2008 - 2009
- Instructor, Department of Economics, Iowa State University, 2006-2007
- Graduate Research Assistant, Center for Agricultural and Rural Development (CARD),  
Department of Economics, Iowa State University, 2002-2006
- Graduate Teaching Assistant, Department of Mathematics, University of Idaho, 1998-2000
- Instructor, School of Economics, National University of Mongolia, 1996-1998

### PUBLICATION AND PROFESSIONAL OUTPUTS

\* Denotes publications with a graduate student

#### Peer Reviewed Journal Articles

\*Jang J., A. Ishdorj, D. Anderson, T. Purevjav, and G. Dahlke. 2017. "Exploring the Existence of Grader Bias in Beef Grading." forthcoming *Journal of Agricultural and Applied Economics*.

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).

\*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

- \*Bardzik, A., A. Ishdorj, and J. Jang. 2016. "Analysis of Trends and Demand for Super Premium Fruit and Vegetable Juices and Drinks." *Agricultural and Resource Economics Review* 45(3):563-580.
- 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).
- 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*, 6:1029-1044.
- Ishdorj, A. and L. Higgins. 2015. "Food Insecurity in US School Children and the Role of the National School Lunch Program." *Applied Economics and Finance* 2(1): 119-128.
- 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.
- \*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.
- 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*, Vol.2.1 pp.40-43.

### **Book Chapters**

- Ishdorj, A., and V. Salin (2015). "The Effect of Food Assistance Program on Native American Women on and off ITOs" in "Native Americans: Cultural Diversity, Health Issues and Challenges" Nova Science Publishers.

Capps, O. Jr., A. Ishdorj, S. Dharmasena, and M. Palma (2017). “Economic Ramifications of Obesity: A Selective Literature Review.” *Routledge Handbook of Agricultural Economics*.

### **Published Abstracts**

\*Jang J., A. Ishdorj, D. Anderson, T. Purevjav and G. Dahlke. 2015. “Exploring the Existence of Grader Bias in Beef Grading.” *Journal of Agricultural and Applied Economics*, 47(3).

Dharmasena, S., A. Ishdorj, O. Capps, Jr., and D. A. Bessler. 2014. “Dynamics of Macroeconomic Shocks on Food Assistance Programs in the United States.” *Journal of Agricultural and Applied Economics*, 46(3).

\*Magana, D., A. Ishdorj, and P. Rosson. 2013. “Welfare Impact Assessment of Increased Food Prices: An Application of Unrestricted Engel Curves and EASI Demand System.” *Journal of Agricultural and Applied Economics*, 45(3).

\*Gao, X., A. Ishdorj, and L. Higgins. 2012. “Impact of National School Lunch Program on Children’s Food Safety.” *Journal of Agricultural and Applied Economics*, 44(3).

\*Bayar E., A. Ishdorj, and O. Jr. Capps. 2012. “Whole Milk vs. Reduced Fat Milk Consumption Among WIC Children: Pre-Food Package Changes.” *Agricultural and Resource Economics Review*.

\*Su, C., A. Ishdorj, and D. Leatham. 2011. “An Analysis of the Import Demand for Fresh Bananas in the United States,” Abstract published in the *Journal of Agricultural and Applied Economics*, 43(3).

### **Center Publications and Research Reports**

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

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

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

Ishdorj, A., H.H. Jensen, and M.K. Crepinsek. 2012. “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.

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

Ng, D., V. Salin, G.W. Williams, E. Jones, and A. Ishdorj. 2012. “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.

Miranowski, J., H.H. Jensen, S.P. Batres-Marquez, and A. Ishdorj. 2014. "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.

### **Published Proceedings, Extension and Industry Publications**

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

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

Bardzik, A., A. Ishdorj, R. Dudensing and D.P. Anderson. 2017. "Regional Analysis of Pricing of the US Fruit and Vegetable Juices and Drink Market." Forthcoming

Bardzik, A., A. Ishdorj, R. Dudensing and D.P. Anderson. 2017. "How Pricing of the US Fruit and Vegetable Juice and Drink Market Varies by Distribution Channel?" Forthcoming

### **GRANTS AND RESEARCH SUPPORT**

"Are Rural Mothers and Infants Benefitting from Changes in National Women, Infant, and Children Policy?" Principal Investigator with Lisako McKyer (Co-Lead). U.S. Department of Health and Human Services, 2016-2020 (\$513,105).

"Reducing Food Losses in the Developing World" Co- Principal Investigator with Elsa Murano (PI) et. al, Big Ideas for Grand Challenges Request for Proposals. College of Agriculture and Life Sciences, 2016-2017 (\$162,874).

TXRDC Texas Federal Statistical Research Data Center, Seed Grant. Principal Investigator, 2016 (\$8,000).

"Healthy Babies Initiative." Co- Principal Investigator with Lisako McKyer (PI) and Whitney Garney, Department of State Health Services, State of Texas, 2015-2018 (\$600,000).

Neuhaus Shepardson Faculty Development Grant. Principal Investigator, Texas A&M University, 2015-2016 (\$4,000).

Online Education Grant. Principal Investigator, College of Agriculture and Life Sciences, Texas A&M University, 2015-2016 (\$10,000).

"Using Family Focused Garden, Nutrition and Physical Activity Programs to Reduce Childhood Obesity" Subcontractor, 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." Principal Investigator, Southern Rural Development Center, RIDGE and USDA, ERS, 2013-2014 (\$35,000).

"Women in Agricultural Economics " Co- Principal Investigator with Richard Woodward (PI), Victoria Salin, ADVANCE Grant, National Science Foundation, 2013-2014 (\$5,000).

- “Incomes, Food Security and Technologies in Rural Communities in Senegal.” Subcontractor, Howard G. Buffett Foundation, 2013 (\$30,000).
- “Consequences of Limiting Starchy Vegetables in School Lunches.” Co- Principal Investigator with Oral Capps (PI) and Peter Murano, Alliance for Potato Research and Education, 2012-2013 (\$197,617).
- “U.S. Market Study and Market Entry Strategy for Namibian Devil’s Claw.” Co- Principal Investigator with Victoria Salin (PI), Desmong Ng, Eluned Jones, Foreign Agricultural Service (FAS), USDA, 2011-2012 (\$45,041).
- “Using the National Food and Nutrition Survey to Examine WIC Participant Food Choices and Intakes Before and After Changes in the Food Benefits.” FANRP, ERS/USDA, subcontractor, 2012-2014 (\$200,000).
- Weston Teaching Fund, Principal Investigator, Texas A&M University, 2010-2011, (\$500).
- “Household Food Expenditures and the Effect of WIC.” Co-Principal Investigator with Helen Jensen, Economic Research Service, USDA, 2008-2010 (\$50,000).
- “Intra-household Allocation and Consumption of WIC Approved Foods” Co-Principal Investigator with Helen Jensen, UC Davis and Economic Research Service, FANRP Small Grants Program, USDA, 2005-2000 (\$34,000).

## **SERVICE**

### **Service to the Profession**

- Member, Review Panel, Foundation for Food and Agricultural Research (FFAR), New Innovator in Food and Agriculture Research Awards, 2017
- Reviewer, Economic Research Service (ERS), USDA, 2017
- Member, Review Panel, Foundation for Food and Agricultural Research (FFAR), Seeding Solutions Proposals, 2017
- Reviewer, Demand and Price Analysis section, Agricultural and Applied Economics Association Annual Meeting, 2017
- Member, Review Panel, National Institute of Food and Agriculture (NIFA), USDA, 2016
- Topic Leader, Agribusiness Economics and Management, Agricultural and Applied Economics Association, 2- year term, 2013 and 2014
- Subject Area Coordinator, Annual Meeting, Southern Agricultural Economics Association, 2011
- Reviewer, Selected Papers, Agricultural and Applied Economics Association Annual Meeting, 2005-2016
- Reviewer, Selected Papers, 2009-present. Annual Meetings, Southern Agricultural Economics Association

### **Service to the University**

- PESCA Grant Program, Division of Research, Texas A&M University, Review Panel Member, 2015
- Texas A&M - CONACYT, Collaborative Research Grant Program, Reviewer, Spring, 2013

- Judge, Student Research Week, Texas A&M University, 2011
- Faculty Screening Committee, Agricultural and National Resources Policy (ANRP) Internship Program, Member, Nominated by the Department, 2011

### **Service to the Department**

- Member, Faculty Advisory Committee (FAC), 2017-2018
- Ph.D. Preliminary Examination Committee, Market and Information Economics, Member, 2010- present.
- Faculty Advisor, Symposium for Agricultural and Applied Economics Research, 2015, 2016, 2017
- Member, Search Committee, Assistant Professor position in Energy Economics, Department of Agricultural Economics, Texas A&M University, Member, 2014
- Chair, Organizing Committee, Department Seminar Series, ADVANCE Speaker Series, Member, 2014.
- Chair, Organizing Committee, Department Seminar Series, ADVANCE Departmental Seminar, Chair, 2013-2014.
- Member, Undergraduate Curriculum Review Committee, Department of Agricultural Economics, Texas A&M University, Member, 2013-2014
- Member, Search Committee, Administrative Assistant for the Undergraduate Office, Department of Agricultural Economics, Texas A&M University, Member, 2013.
- Member, Search Advisory Committee, Assistant Professor position in Industrial Organization, Markets and Quantitative Methods, Department of Agricultural Economics, Texas A&M University, Member, 2013.
- Member, Search Committee, Academic Advisor in the Undergraduate Office, Department of Agricultural Economics, Texas A&M University, Member, 2012-2013.
- Member, Search Advisory Committee, Director of the Master of Agribusiness (MAB) degree program and Chair of the Intercollegiate Faculty of Agribusiness, Texas A&M University, Member, 2012-2013.
- Member, Department Head Search Committee, Department of Agricultural Economics, Texas A&M University, Member, 2011- 2012.
- Member, Search Advisory Committee, Instructional Assistant Professor position, Department of Agricultural Economics, Texas A&M University, Member, 2011- 2012.
- Member, Teaching Awards Committee, Department of Agricultural Economics, Texas A&M University, Member, 2010–2012.
- Member, Undergraduate Advisory Committee, Department of Agricultural Economics, Texas A&M University, Member, 2009–present.
- Member, Computer & IT Services Advisory Committee, Department of Agricultural Economics, Texas A&M University, Member, 2009–2014.

### **Referee**

*Journal of Applied Econometrics, Choices, Food Policy, Economics and Human Biology, European Review of Agricultural Economics, Journal of Nutrition Education and Behavior, American Journal of Agricultural Economics, Applied Economic Perspectives and Policy, Public Health Nutrition, Advance in Nutrition, Review of Economics of the Household, Journal of Agricultural and Applied Economics, Agricultural and Resources Economics Review, Applied Economic Perspectives and Policy, PLOS ONE.*

## TEACHING

AGEC 105 Introduction to Agricultural Economics both online and in-class	2009 - present
AGEC 491 Honors Undergraduate Research	2011 - present
AGEC 489 Study Abroad	2016 - present
AGEC 676 Frontiers in Markets and Information (graduate)	2010 - present
AGEC 635 Consumer Demand Analysis (graduate)	2015 - present
AGEC 621 Econometrics for Agribusiness (graduate)	2009 - 2015
ECON 101 Microeconomics (undergraduate, Iowa State University)	2006 - 2007

## GRADUATE AND UNDERGRADUATE STUDENTS SUPERVISED

### Chair/Co-chair of Ph.D. Students

- Hongyang Di, in progress (chair)
- Meng Jiang, in progress (chair)
- Ju-Won Jang, “Essays on Agriculture Marketing and Food Demand Analysis.” 2017. (chair)
- Seungyeon Cho, “New Product Introduction and Analysis of Consumer Preferences for Products with Health Attributes.” 2017. (chair)
- Chia-Hsien Su, “Essays on Economic Analysis of Agricultural Markets.” in progress. (co-chair)
- Sangjoon Kim, “Essays on Impact of Food Safety Events on Meat Product Demand.” in progress. (co-chair)
- Nafissa Cisse, “Women’s Health and Diet.” Department of Health and Kinesiology, 2016. (co-chair)
- David Magana Lemus, “Essays on Price Dynamics, Welfare Analysis, and Household Food Insecurity in Mexico.” 2013. (chair)

### Chair/Co-chair of M.S. Students

- Elizabeth Tabares Villarreal, 2017. (chair)
- Alexander Bardzik, “Analysis of Trends and Demand for Super Premium Fruit and Vegetable Juices and Drinks.” 2015. (chair)
- Youngi Moon, “Analyzing the Effect of Multiple Component Pricing on Producers.” 2015. (chair)
- Xiang Gao, “Impact of the National School Lunch Program on Children’s Food Security.” 2012. (chair)
- Emine Bayar, Analysis of Whole Milk vs. Low-Fat Milk Consumption Among WIC Children Before Programmatic Changes.” 2011. (chair)

### Committee Member of Ph.D. and M.S. Students

- Elfreda Samman, Ph.D., in progress, Public Health Studies, School of Public Health
- Mark Senia, Ph.D., 2017
- Gao Long, Ph.D. in progress
- Joon Ho Lim, Ph.D., 2016, Mays Business School, Texas A&M University.
- Montalee Kapilakanchana, Ph.D., 2016

- Rejeana Gvillo, Ph.D., 2014
- Tyler Reagan, M.S., 2016
- Bongsoon Choi, M.S., 2016
- Margaret Earle, M.S., 2016
- Michael Nepveux, M.S., 2015
- Trent Hester, M.S., 2015
- Megan DeStefano, M.S., 2014. Department of Nutrition and Food Science, Texas A&M University
- Jesus Lopez Cabrera, M.S., 2012
- Montalee Kapilakanchana, M.S., 2012
- Emily Blunt, M.S., 2012
- Callie McAdams, M.S., 2011

#### **Undergraduate Honors Research Supervised**

- Konni Kelso, 2010 – 2011. “The Effect of the NSLP on Children from Food Insecure Households.” Student Research Week (SRW), Texas A&M University, March, 2011. First Place, Human Health and Nutrition Section
- Konni Kelso, 2013-2014. “The Effect of Ethanol Production on the Fed Beef in the Panhandle of Texas.” Student Research Week (SRW), Texas A&M University March, 2014. First Place, Agriculture and Production Section
- Katherine Fisher. 2016-2017. “Factors that Influence the Health Status and Dietary Choices of School-Aged Children.” Student Research Week (SRW), Texas A&M University, March, 2017. “How and When do Children Inherit Bad Nutrition and Physical Activity Habits?” 3<sup>rd</sup> Annual SAAER, April 2017.