

Austin Ford Ramsey

CONTACT INFORMATION	202-B Hutcheson Hall Virginia Tech Blacksburg, VA 24061	telephone: 540 231 5032 e-mail: aframsey@vt.edu
RESEARCH INTERESTS	Agricultural Economics Empirical Studies in Policy, Prices, and Risk	
PROFESSIONAL EXPERIENCE	Virginia Polytechnic Institute and State University , Blacksburg, VA <i>Assistant Professor</i>	2017 – Present
EDUCATION	North Carolina State University , Raleigh, NC <i>Doctor of Philosophy in Economics</i>	2012 – 2017
	University of North Carolina , Chapel Hill, NC <i>Master of Arts in Teaching</i>	2010 – 2011
	<i>Bachelor of Music (Second Major in Economics)</i>	2006 – 2010
HONORS AND AWARDS	AAEA/AARES Heading South Award, 2016 Outstanding PhD Student Presentation Award, Runner Up, AISC, 2016 Department Representative, Southern Economic Association Graduate Sessions, 2016 NSF/JSPS East Asia and Pacific Summer Institutes Fellowship, 2015 Graduate Teaching Assistantship, North Carolina State University, 2012 – 2017 Carolina Research Scholar, University of North Carolina, 2010 ACC Meeting of the Minds, University of North Carolina, 2010 Summer Undergraduate Research Fellowship, University of North Carolina, 2009	
JOURNAL ARTICLES	Isengildina-Massa, O. and Ramsey, A.F. . Forthcoming. Student-Managed Commodity Fund: A New Frontier in Experiential Learning. <i>Journal of Agricultural and Applied Economics</i> . Ramsey, A.F. Forthcoming. Probability Distributions of Crop Yields: A Bayesian Spatial Quantile Regression Approach. <i>American Journal of Agricultural Economics</i> . Ramsey, A.F. and Goodwin, B.K. (2019). Value-at-Risk and Models of Dependence in the U.S. Federal Crop Insurance Program. <i>Journal of Risk and Financial Management</i> . 12(2) 1–21. Duncan, S.E., Reinhard, R., Williams, R.C., Ramsey, A.F. , Thomason, W., Lee, K., Dudek, N., Mostaghimi, S., Colbert, E., and Murch, R. (2019). Cyberbiosecurity: A New Perspective on Protecting U.S. Food and Agricultural System. <i>Frontiers in Bioengineering and Biotechnology</i> . 7(63) 1–7. Ramsey, A.F. , Goodwin, B.K., and Ghosh, S.K. (2019). How High the Hedge: Relationships Between Prices and Yields in the Federal Crop Insurance Program. <i>Journal of Agricultural and Resource Economics</i> . 44(2) 227–245. Ramsey, A.F. , Ghosh, S.K., and Sonoda, T. (2019). Saying Sayonara to the Farm: Hierarchical Bayesian Modeling of Farm Exits in Japan. <i>Journal of Agricultural Economics</i> . 70(2) 372–391.	
BOOKS AND MONOGRAPHS	Goodwin, B.K., Ramsey, A.F. , and Chvosta, J. (2018). Applied Econometrics with SAS: Modeling Demand, Supply, and Risk. Cary, NC: SAS Institute Inc.	
OTHER PUBLICATIONS	Ramsey, A.F. (2019). Nicotine Standards for Combusted Tobacco Products Could Have Major Economic Impacts on Tobacco Growers. <i>Choices</i> . 34(3). Santeramo, F.G. and Ramsey, A.F. (2017). Crop Insurance in the European Union: Lessons and Caution from the United States. <i>EuroChoices</i> . 16(3). Ramsey, A.F. and Santeramo, F.G. (2016). La domanda di assicurazione nell'Unione europea: riflessioni sull'esperienza degli Stati Uniti. <i>Agriregionieuropa</i> . 12(47).	

WORKING PAPERS	<i>Bayesian Threshold Models for von Liebig Production Functions</i> with K. Moeltner and C. Neill	
	<i>Rating Exotic Price Coverage in Crop Revenue Insurance</i> with B. Goodwin and S. Ghosh	
	<i>Switching Regression Stochastic Plateau Production Functions: A Comparison of Alternative Specifications</i> with A. Villacis-Aveiga, J. Alwang, and J. Delgado	
	<i>Volatility Relationships in Spatially Distinct Cash Markets</i> with C. Neill	
	<i>Temporary Migration and Food Consumption of Agricultural Households in Vietnam</i> with S. Chen and T. Sonoda	
WORK IN PROGRESS	<i>Bayesian Estimation of Zero Inflated Stochastic Frontiers</i> with S. Ghosh	
	<i>Intersectoral Labor Migration in Japan: Tests of Nonlinearity</i> with M. Ko	
	<i>Technological Change in Flue-Cured Tobacco, 1954-2018</i> with M. Vann, R. Lewis, Z. Li, and R. Rejesus	
	<i>Impacts of Climate on Quantity and Quality of Virginia-Type Peanuts</i> with M. Balota and J. Tack	
	<i>Quantity vs. Quality Redux: The Case of U.S. Wheat</i> with J. Tack, W. Thomason, and C. Griffey	
GRANTS, CONTRACTS, AND CONTRIBUTIONS	Catalyzing Sustainable Precision Animal Agriculture (SUBMITTED)	2020 - 2025
	USDA-NIFA	
	PIs: R. White, V. Mercadente, G. Morota, A.F. Ramsey , C. Neill, Z. Easton, D. Ha, D. Yao	
	\$9,999,430	
	Market Opportunity and Segmentation for U.S. Rice in China and Ethnic Chinese Communities 2019-2022	
	USDA - Agricultural Marketing Service	
	PIs: A.F. Ramsey , K. Moeltner, C. Neill, H. Wang	
	\$223,599	
	Designing Cyberbiosecurity Case Studies for the Food and Agricultural System for Integrating Education, Workforce Development, and the Bioeconomy	2019-2020
	ICAT - VT	
PIs: S. Duncan, T. Drape, M. Ellis, N. Meng, D. Yao, B. Zhang, A.F. Ramsey , W. Thomason, M. Stamper		
\$4,500		
Three-State Data Science for the Public Good Coordinated Innovation Network	2019-2022	
USDA-NIFA		
PIs: M. Holt, S. Keller, M. Lambur, S. Chen, C. Haskins, B. Tyler, M. Faison, A.F. Ramsey		
\$280,000		
A Question of Quality: Climate and the Economics of the Food System	2019-2020	
ISCE - VT		
PIs: A.F. Ramsey , W. Thomason, C. Griffey, M. Balota, J. Tack		
\$19,331		
Econometric and Statistical Methods for the Analysis of Risk in Agriculture	2018-2023	
USDA - NIFA, Hatch Project 1016069		
PIs: A.F. Ramsey		
New Faculty Mentoring Program	2018	
Virginia Tech		
PIs: A.F. Ramsey		
\$1,500		

GRADUATE STUDENT ADVISING	<u>Ph.D. Committee Member</u> (* Denotes Chair/Co-Chair)	
	Yong Liu (University of Guelph) Ange Kakpo Alexis Villacis-Aveiga Minkyong Ko*	
	<u>Master's Committee Member</u> (* Denotes Chair/Co-Chair)	
	Ryan Spech Grace Grossen Yuxiao Shi* Lauren Knaresboro Tyler Neff	
TEACHING ACTIVITIES	Virginia Polytechnic Institute and State University, Blacksburg, VA	
	<i>Instructor</i>	
	AAEC – 5804G/4804 Fundamentals of Econometrics (1 Section)	Fall 2019
	AAEC – 4204 Food and Agricultural Policy (1 Section)	Fall 2019
	AAEC – 4434 Commodity Investing by Students (1 Section)	Fall 2019
	AAEC – 5804G/4804 Fundamentals of Econometrics (1 Section)	Spring 2019
	AAEC – 4434 Commodity Investing by Students (1 Section)	Spring 2019
	AAEC – 4204 Food and Agricultural Policy (1 Section)	Fall 2018
	AAEC – 5804G/4804 Fundamentals of Econometrics (1 Section)	Spring 2018
	AAEC – 4424 Agricultural Financial Management (1 Section)	Fall 2017
	North Carolina State University, Raleigh, NC	
	<i>Instructor</i>	
	EC 202 – Principles of Macroeconomics (2 Sections)	Fall 2015
	EC 202 – Principles of Macroeconomics (2 Sections)	Fall 2014
	EC 205 – Fundamentals of Economics (1 Section)	Spring 2014
	EC 202 – Principles of Macroeconomics (2 Sections)	Fall 2013
	<i>Laboratory Instructor</i>	
	EC 202 – Principles of Macroeconomics (3 Sections)	Spring 2015
	EC 202 – Principles of Macroeconomics (3 Sections)	Spring 2013
	<i>Teaching Assistant</i>	
	ARE 495 – Agribusiness Analytics (1 Section)	Fall 2016
	ARE 433 – U.S. Agricultural Policy (1 Section)	Fall 2016
	ARE 201 – Introduction to Agricultural and Resource Economics (1 Section)	Fall 2016
	ARE 201 – Introduction to Agricultural and Resource Economics (2 Sections)	Spring 2016
	ARE 133 – Agricultural and Environmental Policy (1 Section)	Spring 2016
	EC 474 – Economics of Financial Institutions and Markets (1 Section)	Spring 2014
	EC 301 – Intermediate Microeconomics (2 Sections)	Fall 2012
ACADEMIC PRESENTATIONS	University of Guelph, Guelph, CA, Invited Seminar	2019
	<i>Bayesian Threshold Models for von Liebig Production Functions</i> with K. Moeltner and C. Neill	
	AAEA Annual Meeting, Atlanta, GA, Track Session	2019
	<i>Bayesian Econometrics in Agricultural Economics</i> (Ramsey, Holloway, Dorfman, Park)	
	University of Kyoto, Kyoto, JP, Invited Seminar	2019
	<i>Bayesian Plateau Production Functions</i> with K. Moeltner and C. Neill	
	University of Tokyo, Tokyo, JP, Invited Seminar	2019
	<i>Bayesian Plateau Production Functions</i> with K. Moeltner and C. Neill	
	4th International Workshop on Agriculture and Economic Development in Memory of Yair Mundlak, Hebrew University of Jerusalem, Rehovot, IL	2019
	<i>Bayesian Plateau Production Functions</i> with K. Moeltner and C. Neill	
	Asian Growth Research Institute, Kitakyushu, JP Invited Seminar	2018
	<i>Temporary Migration and Food Consumption of Agricultural Households in Vietnam</i> with S. Chen and T. Sonoda	
	Workshop on Japanese Agricultural Policy, Meiji University, JP	2018
<i>Innovation and Distributional Change in Crop Yields</i>		
Southern Economic Association, Organized Session	2018	
<i>Bayesian Analysis of Mixture Copulas</i>		

	Southern Economic Association, Organized Session	2018
	<i>Temporary Migration and Food Consumption of Agricultural Households in Vietnam</i> with S. Chen and T. Sonoda	
	2018 IAAE Triennial Meeting, Organized Session	2018
	Advances in Nonlinear Time Series Econometrics (Frank, Holt, Ker, Larue, Lu)	
	2018 IAAE Triennial Meeting, Contributed Paper	2018
	<i>Innovation and Distributional Change in Crop Yields</i>	
	SCC-76 Agricultural Risk Research Group	2018
	<i>Bayesian Model Averaging for Copulas: An Application to Dependence Between Crop Yields and Futures Prices</i> with E. Park and X. Li	
	Peking University, Beijing, CN CCAP Seminar	2018
	<i>Conditional Distributions of Crop Yields: A Bayesian Approach for Characterizing Technological Change</i>	
	Beijing Institute of Technology, Beijing, CN, Invited Seminar	2018
	<i>Conditional Distributions of Crop Yields: A Bayesian Approach for Characterizing Technological Change</i>	
	University of Sydney, Sydney, AU, AERE Lunch Seminar	2017
	<i>How High the Hedge?: Relationships between Prices and Yields in the Federal Crop Insurance Program</i>	
	AARES Annual Meeting, Brisbane, AU, Contributed Paper	2017
	<i>Rating Exotic Price Coverage in Crop Revenue Insurance</i> with B. Goodwin and S. Ghosh	
	Southern Economic Association Annual Meeting, Washington D.C., Program Session	2016
	<i>Copula Models for Exotic Price Coverage in Crop Revenue Insurance</i>	
	Int. Conf. on Advances in Interdisciplinary Statistics and Combinatorics, Greensboro, NC, Academic Session	2016
	<i>How High the Hedge?: Relationships between Prices and Yields in the Federal Crop Insurance Program</i> with B. Goodwin and S. Ghosh	
	AAEA Annual Meeting, Boston, MA, Track Session	2016
	<i>Accounting for Dependence in the Federal Crop Insurance Program</i> with B. Goodwin	
	AAEA Annual Meeting, San Francisco, CA, Selected Paper	2015
	<i>Productivity and Exits from Farming in Japan</i> with T. Sonoda	
	AAEA Annual Meeting, San Francisco, CA, Selected Paper	2015
	<i>Rating Exotic Price Coverage in Crop Revenue Insurance</i> with B. Goodwin	
	AAEA Annual Meeting, San Francisco, CA, Selected Poster	2015
	<i>Dependence in Spikes of Energy and Agricultural Prices</i>	
	AAEA Annual Meeting, Minneapolis, MN, Selected Paper	2014
	<i>An Application of Kernel Density Estimation via Diffusion to Group Yield Insurance</i>	
	AAEA Annual Meeting, Minneapolis, MN, Track Session	2014
	<i>Semi-Parametric Density Estimation of Crop Yield Distributions: Bridging the Gap between Parametric Mixtures and Variable Bandwidth Kernel Densities</i> with B. Goodwin	
PROFESSIONAL PRESENTATIONS	Agricultural Policy Dinner, Chatham, VA	2019
	<i>Contemporary Agricultural Policy and International Trade</i>	
	Northern Piedmont Crop Production Conference, Graves Mill, VA	2018
	<i>2019 Farm Bill Overview and Agriculture Trade</i>	
	AEMMP Program Team Meeting, Blacksburg, VA	2017
	<i>Faculty Introduction</i>	
PROFESSIONAL AND DEPARTMENT SERVICE	Co-Advisor, Commodity Investing by Students (COINS)	2017 - Present
	Member, Commonwealth Cyber Initiative SWVA Node Working Group	2019 - Present
	Chair, AAEC Seminar Committee	2018 - Present
	Economics Ph.D. Qualifying Exam Grader	2019
	Member, AAEC Graduate Program Committee	2017 - 2019
	Member, Virginia Tech Faculty Senate	2017 - 2019
	Member, Virginia Tech Employee Benefits Committee	2018 - 2019
REFEREE	American Journal of Agricultural Economics, Agricultural Economics, Geneva Papers on Risk and Insurance, Journal of Agricultural Economics, Journal of Agricultural and Resource Economics, Journal of Agricultural and Applied Economics, Applied Economic Perspectives and Policy, Agricultural and	

Resource Economics Review, International Journal of Disaster Risk Reduction, International Food and Agribusiness Management Review, Asia & the Pacific Policy Studies, Risks, Polish National Science Foundation

MISCELLANY

Programming: R, SAS, Julia, L^AT_EX

Languages: English, Spanish (Intermediate), Mandarin Chinese (Basic)

Memberships: SCC-76 Ag. Risk Group, Agricultural and Applied Economics Association, American Economic Association, International Association of Agricultural Economists, International Association for Applied Econometrics, American Risk and Insurance Association

REFERENCES

Dr. Barry Goodwin

William Neal Reynolds Professor

Department of Economics

North Carolina State University

Raleigh, NC

phone: 919-515-4620

e-mail: bkgoodwi@ncsu.edu

Dr. Sujit Ghosh

Professor

Department of Statistics

North Carolina State University

Raleigh, NC

phone: 919-515-1950

e-mail: sujit.ghosh@ncsu.edu

Dr. Xiaoyong Zheng

Professor

Department of Ag. Res. Econ.

North Carolina State University

Raleigh, NC

phone: 919-515-4543

e-mail: xzheng@ncsu.edu

Dr. Tadashi Sonoda

Professor

Graduate School of Economics

Nagoya University

Nagoya, Japan

phone: 81-52-789-2386

e-mail: sonoda@soec.nagoya-u.ac.jp