

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	Moeltner, K., Ramsey, A.F. , Neill, C.L. (2020). Bayesian Kinked Regression with Unobserved Thresholds: An Application to the von Liebig Hypothesis. <i>American Journal of Agricultural Economics</i> . Online. Ramsey, A.F. , Goodwin, B.K., Hahn, W.F., and Holt, M. (2020). Impacts of COVID-19 and Price Transmission in U.S. Meat Markets. <i>Agricultural Economics</i> . Accepted. Ramsey, A.F. , Tack, J., and Balota, M. (2020) Double or Nothing: Impacts of Warming on Crop Quantity, Quality, and Revenue. <i>Journal of Agricultural and Resource Economics</i> . Online. Villacis-Aveiga, A., Ramsey, A.F. , Alwang, J., and Delgado, J. (2020) Estimating Optimal Levels of Nitrogen Fertilizer in No-Tillage Continuous Corn. <i>Journal of Agricultural and Applied Economics</i> . 52(4). 613–623. Ramsey, A.F. , Ghosh, S.K., and Goodwin, B.K. (2020). Rating Exotic Price Coverage in Crop Revenue Insurance. <i>Agricultural Finance Review</i> . 80(5) 609–631. Isengildina-Massa, O. and Ramsey, A.F. . (2020). Student-Managed Commodity Fund: A New Frontier in Experiential Learning. <i>Journal of Agricultural and Applied Economics</i> . 52(1) 64–77. Ramsey, A.F. (2020). Probability Distributions of Crop Yields: A Bayesian Spatial Quantile Regression Approach. <i>American Journal of Agricultural Economics</i> . 102(1) 220-230. 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. and Isengildina-Massa, O. (2020). Evaluation of Learning Outcomes from Participation in a Student-Managed Commodity Investment Fund. <i>Applied Economics Teaching Resources</i> . 2(6) 1–13.	
	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>Genetic Improvement and Technological Change Under Voluntary Quality Constraints</i> with R. Rejesus	
	<i>Aggregation and Threshold Models of Intersectoral Labor Migration: Evidence from the United States and Japan</i> with M. Ko and T. Sonoda	
	<i>Temporary Migration and Food Consumption of Agricultural Households in Vietnam</i> with S. Chen and T. Sonoda	
WORK IN PROGRESS	<i>Incorporating Historical Weather Information in Crop Insurance Ratemaking</i> with Y. Liu	
	<i>Bayesian Estimation of Zero Inflated Stochastic Frontiers</i> with S. Ghosh	
GRANTS, CONTRACTS, AND CONTRIBUTIONS	John Lee Pratt Graduate Fellowship CALs-VT PIs: A.F. Ramsey , R. White \$100,000	2020 - 2022
	COVID-19 Rapid Response: Coronavirus Disease 2019, Price Transmission, and the Farm-Retail Price Spread in U.S. Livestock USDA-NIFA PIs: A.F. Ramsey , B. Goodwin, M. Holt \$293,524	2020 - 2022
	Faculty Teaching Group Grant Center for Excellence in Teaching and Learning - VT PIs: A.F. Ramsey , R. White, S. Stewart, J. Lahne, C. Wright \$1,750	2020 - 2021
	Commonwealth Cyber Initiative (CCI) SWVA Node Request for Resources FY20-FY21 State Council of Higher Education for Virginia PIs: Gretchen Matthews \$2,999,998	2020-2021
	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 ICAT - VT PIs: S. Duncan, T. Drape, M. Ellis, N. Meng, D. Yao, B. Zhang, A.F. Ramsey , W. Thomason, M. Stamper \$4,500	2019-2020
	Three-State Data Science for the Public Good Coordinated Innovation Network USDA-NIFA PIs: M. Holt, S. Keller, M. Lambur, S. Chen, C. Haskins, B. Tyler, M. Faison, A.F. Ramsey \$280,000	2019-2022

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

Econ. and Agron. Impacts of a Tobacco Prod. Stand. for Nicotine Level of Combusted Cigarettes 2019
 Altria Client Services
 PIs: **A.F. Ramsey**, T. David Reed
 \$30,000

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

Ph.D. Committee Member (* Denotes Chair/Co-Chair)

Yixing Zheng*
 Mariah Beverly*
 Yong Liu (University of Guelph)
 Ange Kakpo
 Alexis Villacis-Aveiga
 Minkyong Ko*

Master's Committee Member (* Denotes Chair/Co-Chair)

Ryan Spech
 Grace Grossen
 Yuxiao Shi*
 Lauren Knaresboro
 Tyler Neff

TEACHING
 ACTIVITIES

Virginia Polytechnic Institute and State University, Blacksburg, VA

Instructor

AAEC – 5126 Empirical Economics (1 Section)	Spring 2021
AAEC – 5804G/4804 Fundamentals of Econometrics (1 Section)	Fall 2020
AAEC – 4204 Food and Agricultural Policy (1 Section)	Fall 2020
AAEC – 4434 Commodity Investing by Students (1 Section)	Spring 2020
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

Instructor

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

Laboratory Instructor

EC 202 – Principles of Macroeconomics (3 Sections)	Spring 2015
EC 202 – Principles of Macroeconomics (3 Sections)	Spring 2013

Teaching Assistant

ARE 495 – Agribusiness Analytics (1 Section)	Fall 2016
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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

Economic Research Service, Kansas City, MO, Online Seminar Series	2020
<i>Impacts of COVID-19 and Price Transmission in U.S. Meat Markets</i> with B. Goodwin, B. Hahn, and M. Holt	
American Peanut Research and Education Society, Virtual Annual Meeting, Breakout Session	2020
<i>Impact of Climate on Quantity and Quality of Virginia-Type Peanut</i> with M. Balota and J. Tack	
University of Kentucky, Lexington, KY, Invited Seminar	2020
<i>Genetic Improvement and Technological Change Under Quality Constraints in Flue-Cured Tobacco</i> with M. Vann, R. Lewis, and R. Rejesus	
Tobacco Workers' Conference, Louisville, KY	2020
<i>Trends in Flue-Cured Tobacco Breeding, 1954-2018</i> with M. Vann, R. Lewis, W. Foote, and R. Rejesus	
Tobacco Workers' Conference, Louisville, KY	2020
<i>Simple Economics of a Nicotine Standard for Combusted Cigarettes</i>	
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
<i>Advances in Nonlinear Time Series Econometrics</i> (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	Peanut and Pork Virtual Field Tour, Suffolk, VA	2020
	<i>Impact of Climate on Quantity and Quality of Virginia-Type Peanut</i> with M. Balota and J. Tack	
	Agricultural Policy and Market Outlook Forum	2020
	<i>Industrial Hemp Outlook and Situation</i>	
	Industrial Hemp Production Meeting, Suffolk, VA	2020
	<i>Industrial Hemp Outlook and Situation</i>	
	Flue-Cured Tobacco Production Meeting, Sutherlin, VA	2020
	<i>Trends in Flue-Cured Tobacco Breeding, 1954-2018</i>	
	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	Member, Center for Adv. Innovation in Ag. Advisory Leadership Committee	2020 - Present
	Secretary/Treasurer, AAEA Econometrics Section	2020 - Present
	Member, CALS Committee on Academic Program Policy	2020 - Present
	Co-Advisor, Commodity Investing by Students (COINS)	2017 - Present
	Member, AAEC/ECON Graduate Coordinating Committee	2020 - Present
	Member, SmartFarm Innovation Network Task Force	2020
	Chair, AAEC Seminar Committee	2018 - 2020
	Member, Commonwealth Cyber Initiative SWVA Node Working Group	2019 - 2020
	Economics Ph.D. Qualifying Exam Grader	2019 - 2020
	Member, AAEC Graduate Program Committee	2017 - 2019
	Member, AAEC Search Committee	2018 - 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, Economic Development and Cultural Change, Journal of Agricultural Economics, Journal of Agricultural and Resource Economics, Journal of Agricultural and Applied Economics, Food Policy, Applied Economic Perspectives and Policy, Agricultural and Resource Economics Review, Precision Agriculture, Climatic Change, International Journal of Disaster Risk Reduction, International Food and Agribusiness Management Review, Asia & the Pacific Policy Studies, Risks, Polish National Science Foundation, National Science Foundation	
MISCELLANY	Programming: R, SAS, Julia, L ^A T _E X 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
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