

# STEVEN M. RAMSEY

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## Education

- ◇ Ph.D. Kansas State University, Agricultural Economics. August 2017.
    - Dissertation: *Advances in land-use and stated-choice modeling using neural networks and discrete-choice models*. (Advisors: Jason S. Bergtold and Jessica L. Heier Stamm)
  - ◇ M.A. Economics, University of Kansas. May 2009.
  - ◇ B.S. Economics, University of Kansas. December 2007.
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## Professional Experience

- ◇ Assistant Professor, New Mexico State University. August 2017-present.
  - ◇ Graduate Research Assistant, Kansas State University. August 2013-July 2017.
  - ◇ State Economist - Kansas, United States Department of Agriculture - Natural Resources Conservation Service. July 2010-August 2013.
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## Teaching Experience

### New Mexico State University

- ◇ AEEC 585: Production Economics  
Masters course focused on firm-level economic theory and its applications. (S18)
- ◇ AG E 450: Spreadsheet Applications in Food and Agriculture/AEEC 550: Advanced Microcomputer Applications  
Instructor for the classroom component of both courses. In both courses, MS Excel used to address quantitative problems related to agricultural economics and agribusiness. (F17, S18, F18, S19)
- ◇ AEEC 590: Research Methods - Econometrics Module.  
Instructor for a five-week introductory econometrics module for the course. (F18)

## Kansas State University

- ◇ AGECE 115: Decision Tools for Agricultural Economics and Agribusiness, Instructor.  
Course uses MS Excel to address quantitative problems related to agricultural economics and agribusiness. (F16, S17)
  - ◇ AGECE 120: Agricultural Economics and Agribusiness, Lab Instructor.  
Responsible for leading lab sessions consisting of classroom experiments intended to demonstrate the economic concepts being taught in lecture sessions. (S15, S16)
  - ◇ AGECE 121: Honors Agricultural Economics and Agribusiness, Co-Instructor.  
Introductory course in agricultural economics covering production and consumer theory, supply and demand, and market structures. Duties included lecturing, grading, developing course content, and holding office hours. (F15)
  - ◇ Graduate Teaching Assistant
    - ◇ AGECE 120: Agricultural Economics and Agribusiness. (S15, S16)
    - ◇ AGECE 501: Data Analysis and Optimization. (F15)
    - ◇ AGECE 115: Decision Tools for Agricultural Economics and Agribusiness. (S16)
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## Research

### Published

- ◇ **Ramsey, S.M.**, Bergtold, J.S., Canales, E., and J. Williams. (2019) “Farmers’ yield risk perceptions of intensified working conservation practices on-farm in Kansas.” *Journal of Agricultural and Resource Economics*, 44(2):380—403.
- ◇ Sanderson, M.R., Bergtold, J.S., Caldas, M.M., Heier Stamm, J., **Ramsey, S.M.**, and J. Aistrup. (2018) “Climate change beliefs in an agricultural context: What is the role of values held by farming and non-farming groups?” *Climatic Change*, no. 150(3):259—272. doi: [10.1007/s10584-018-2283-2](https://doi.org/10.1007/s10584-018-2283-2).
- ◇ Bergtold, J.S., **Ramsey, S.M.**, Maddy, L., and J. Williams. (2017) “A review of economic considerations for cover crops as a conservation practice.” *Renewable Agriculture and Food Systems*:1—15. doi: [10.1017/S1742170517000278](https://doi.org/10.1017/S1742170517000278).
- ◇ Bergtold, J.S., Sant’Anna, A.C., Miller, N., **Ramsey, S.M.**, and J.E. Fewell. (2017) “Water scarcity and conservation along the biofuel supply chain in the United States: From farm to refinery.” In *Competition for Water Resources*, edited by Jadwiga R. Ziolkowska and Jeffrey M. Peterson, Elsevier:124—143, ISBN 9780128032374, doi: [10.1016/B978-0-12-803237-4.00007-0](https://doi.org/10.1016/B978-0-12-803237-4.00007-0).
- ◇ Sanderson, M., Bergtold, J.S., Heier Stamm, J., Caldas, M., and **S.M. Ramsey**. (2017) “Bringing the social into social-hydrology: Application to conservation policy support in the Central Great Plains of Kansas, USA.” *Water Resources Research*, 53:6725—6743, doi: [10.1002/2017WR020659](https://doi.org/10.1002/2017WR020659).

## Working Papers

- ◇ **Ramsey, S.M.**, and J.S. Bergtold. “An artificial neural network approach to acreage-share modeling.” Revise and resubmit at *Agricultural Economics*, May, 2019.
- ◇ **Ramsey, S.M.**, Bergtold, J.S., and J. Heier Stamm. “Field-level land-use adaptation to local weather trends.” Second submission at *American Journal of Agricultural Economics*, May, 2019.
- ◇ **Ramsey, S.M.**, and J.S. Bergtold. “Neural network estimators of binary choice processes for valuing environmental amenities: Estimation, marginal effects, and willingness-to-pay.” Submitted to *Computational Economics*, March, 2019.
- ◇ Granco, G., Heier Stamm, J., Bergtold, J., Daniels, M., Sanderson, M., Sheshukov, A., Mather, M., Caldas, M., **Ramsey, S.M.**, Lehrter, R., Haukos D., Gao, J., Chatterjee, S., Nifong, J., and J. Aistrup, Ph.D. “How do cultural and environmental factors shape sustainability policy support? An integrative modeling framework for coupled human and natural systems.” Second submission at *Science of the Total Environment*, June, 2019.
- ◇ Bergtold, J.S., **Ramsey, S.M.**, and A. Smith. “The role of values and beliefs in shaping perceived environmental vulnerability.”

## Presentations

- ◇ **Ramsey, S.M.**. “Snowpack yield implications: A case study of alfalfa yields in the Rio Grande Valley of New Mexico.” *Agricultural and Applied Economics Association Annual Conference*. Atlanta, GA. July, 2019.
- ◇ **Ramsey, S.M.**, Bergtold, J.S., and J. Heier Stamm. “A neural network approach to acreage-share modeling.” *Agricultural and Applied Economics Association Annual Conference*. Washington, D.C. August, 2018.
- ◇ **Ramsey, S.M.**, Bergtold, J.S., Canales, E., and J. Williams. “Farmers’ risk perceptions of intensified conservation practices on-farm.” *Agricultural and Applied Economics Association Annual Conference*. Boston, MA. July, 2016.
- ◇ **Ramsey, S.M.** and J.S. Bergtold. “Neural network estimators of binary choice processes for valuing environmental amenities: Estimation, marginal effects, and WTP” *Agricultural and Applied Economics Association Annual Conference*. San Francisco, CA. July, 2015.

## Other Publications and Outreach

- ◇ Torrez, C., Miller, N., **Ramsey, S.M.**, and T. Griffin. “Factors influencing the adoption of precision agricultural technologies by Kansas farmers”. Kansas State University Department of Agricultural Economics Extension Publication KS-AgEcon-CT-NM-SR-TG-2016.1.
- ◇ Torrez, C., Miller, N., **Ramsey, S.M.**, and T. Griffin. “Factors influencing the adoption of precision agricultural technologies by Kansas farmers”. Interviewed by Eric Atkinson, Agriculture Today, KSRE Radio, December 13, 2016.

## Grants and Awards

- ◇ USDA Foreign Agricultural Service. “Cochran Fellowship Program: Commodity Market Exchange.” Co-PI. \$80,161. Funded, June 2019.
  - ◇ Foundations for Food and Agriculture Research. “Integration of Small Farmers into Technology-enabled, Rapid-response Fresh Food Supply Chains.” \$280,000. CO-PI. Funded, December, 2018.
  - ◇ US Agency for International Development. “Egypt Center of Excellence: A-WE.” \$30,000,000. CO-PI. Not funded. 2018.
  - ◇ National Science Foundation - Innovations at the Nexus of Food, Energy and Water Systems. “Integrated Strategies to Eliminate Food, Energy, and Water Waste in the Supply Chain of Fresh Agricultural Products.” \$400,000. CO-PI. Not funded. 2018.
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## Selected Service

Agricultural & Applied Economics Association

- ◇ 2019 Annual Conference, Moderator: Climate Impact on Agricultural Production.
- ◇ Land, Water, and Environmental Economics Section, Member 2017-2019

New Mexico State University

- ◇ Search Committee for Assistant Professor, Committee Chair 2017-2018
- ◇ NMSU Faculty Senate, ACES Senator 2017-2018

Kansas State University

- ◇ Search Committee for Assistant Professor, graduate student representative 2014-2015

Panelist for reviews of grant proposals:

- ◇ USDA NIFA Critical Agricultural Research & Extension 2017-2018

Referee for: *International Food and Agribusiness Management Review*, *Applied Economic Perspectives and Policy*.

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## Professional Organizations

- ◇ Agricultural and Applied Economics Association
  - ◇ Western Agricultural Economics Association
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## Additional Training and Skills

- ◇ K-State Codes: Python Short Course, April 5 - May 5, 2016
  - ◇ Statistical Software and Programming Languages: Matlab, R, NLOGIT, Stata,
  - ◇ Microsoft Office: Excel, PowerPoint, Word
  - ◇ L<sup>A</sup>T<sub>E</sub>X typesetting language
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## Selected Honors and Awards

- ◇ 1<sup>st</sup> Place Team Case Study Competition - 2014 Agricultural and Applied Economics Association
- ◇ Timothy R. Donoghue Graduate Scholarship (Kansas State University)
- ◇ Arthur J. Boynton Scholarship for Academic Achievement (University of Kansas)
- ◇ Leland J. Pritchard Scholarship for Academic Achievement (University of Kansas)