

Biographical Sketch

J. Shannon Neibergs
Professor Extension Economist
Director Western Center Extension Risk Management Education

EDUCATION

1993 Ph.D., Agricultural Economics, Texas A & M University
1987 M.A., Agricultural Economics, Washington State University
1983 B.S., Animal Science, Washington State University

EMPLOYMENT

Professor Extension Livestock Specialist, School of Economic Sciences, Washington State University, 2006 to present. Director WSU Western Center Extension Risk Management Education July 2011 to present.

Assistant and Associate Professor, Department of Equine Business, College of Business, University of Louisville, 1995 -2006.

PUBLICATIONS SUMMARY

Dada, O. I., L. Yu, J.S. Neibergs, S. Chen. 2025, Biodesulfurization: Effective and Sustainable Technologies for Biogas Hydrogen Sulfide Removal, Renewable and Sustainable Energy Reviews, 209, <https://doi.org/10.1016/j.rser.2024.115144>

Herrick, A., J.S. Neibergs and H. Neibergs, 2024, Understanding and Using Genomic Selection in Dairy Herds, [FS392E](#)

Hudson, T.D., M.C. Reeves, S.A. Hall, G.G., Yorgey, J.S. Neibergs. 2020. Big Landscapes Meet Big Data: Informing Grazing Management in a Variable and Changing World. Rangelands, <https://doi.org/10.1016/j.rala.2020.10.006>.

Allen, A., D. Llewellyn, S. Kerr, T. Hudson, J.S. Neibergs, S. Smith and D. Moore. 2019. Developing Herd Health Education for and Assessing Risky Practices of Cow-Calf Producers. J. of Extension, <https://www.joe.org/joe/2019october/rb8.php>.

Hall, S., T. Hudson, S. Jensen, J.S. Neibergs, M. Reeves, G. Yorgey and E. Davis, 2020. Building Resilience Through Engagement- Brenda and Tony Richards. Increasing Resilience Among Ranchers in the Pacific Northwest (Rancher-to-Rancher Case Study series)". PNW publication 737. <https://pubs.extension.wsu.edu/building-resilience-through-engagement-brenda-and-tony-richards-rancher-to-rancher-case-study-series-increasing-resilience-among-ranchers-in-the-pacific-northwest>

Hall, T. Hudson, S. Neibergs, M. Reeves, G. Yorgey. (2019). Grazing Management That Achieves Multiple-Use Goals—Russ Stingley. Increasing Resilience Among Ranchers in the Pacific Northwest (Rancher-to-Rancher Case Study series)". PNW publication 724. <https://pubs.extension.wsu.edu/grazing-management-that-achieves-multiple-use-goals-russ-stingley-rancher-to-rancher-case-study-series>.

Hall, S., T. Hudson, S. Neibergs, M. Reeves, G. Yorgey. (2019). Building a Tradition of Adaptation in Rangeland Management—Jack Southworth. Increasing Resilience Among Ranchers in the Pacific Northwest (Rancher-to-Rancher Case Study series). PNW publication 731. <https://pubs.extension.wsu.edu/building-a-tradition-of-adaptive-rangeland-management-jack-southworth-rancher-to-rancher-case-study-series>.

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Neibergs, J.S., T. Hudson, C. Kruger and K. Hamel-Rieken. 2017. Climate Change Effects on Grazing Management and Beef Cattle Production in the Pacific Northwest. *Climate Change*
<http://link.springer.com/article/10.1007/s10584-017-2014-0>.

Ma, G., J.S. Neibergs, J.H. Harrison and E. M. Whitefield. 2017. Nutrient Contributions and Biogas Potential of Co-Digestion of Feedstocks and Dairy Manure. *Waste Management* 64:88-95.
<http://www.sciencedirect.com/science/article/pii/S0956053X17301812>

Neibergs, J.S., J.P. Driver and D.A. Llewellyn, Valuing Canola and Camelina Biodiesel Byproduct Meal as A Livestock Protein Supplement. [FS193E](#), Washington State Univ., 2016.

Llewellyn, D. G. Rohwer, S. Norberg, E. Kimura, S. Neibergs and S. Fransen. 2015. Case Study: Evaluating Farm Processed Canola and Camelina Meals as Protein Supplements for Beef Cattle. *J. of NACAA* 8:2
<http://www.nacaa.com/journal/index.php?jid=545>

Neibergs, J.S., C. Mahnken, D.L. Moore, N.P. Kemper, J.G. Nelson, R. Rainey and P. Hipple, “[Extension Education Drives Economic Stimulus Through Trade Adjustment Assistance for Farmers](#)”. *Journal of Extension*, February 2015, 53:1.

Driver, J., J.S. Neibergs, Overview of the Agricultural Act of 2014 Dairy Margin Protection Program and Its Implications for Washington Dairy Farmers, [EM052E](#), Washington State Univ.

Neibergs, J.S., H.L. Neibergs, J.F. Taylor, C.M. Seabury, T. W. Lehenbauer, A. L. Van Eenennaam, J. E. Womack, An Estimate of the Economic Gain from Selection to Reduce BRDC Incidence in Dairy Calves. 10th World Congress on Genetics Applied to Livestock Production, 2014

Neibergs, J.S., J. Harrison and E. Whitefield, “Economic Analysis of Anaerobic Co-Digestion Using Dairy Manure and Byproduct Feedstocks” *International Farm Management*,
http://www.ifmaonline.org/pages/con_articles.php?article=12, 2013.

Neibergs, J.S., S. Kerr and T. Hudson, An Economic Review of Preconditioning Beef Calves to Reduce the Incidence of Bovine Respiratory Disease, Bovine Respiratory Disease Complex Series,
<http://extension.wsu.edu/vetextension/brd/Documents/value%20of%20preconditioning%20on%20reducing%20the%20incidence%20of%20BRD.pdf>, 2013

Bosch, K.A., Powell, D., Neibergs, J.S., Shelton, B., & Zent, W., “Impact of Reproductive Performance over Time and Mare Quality on Economic Returns among Thoroughbred Mares in Lexington, Kentucky USA”. *Equine Veterinary Journal*. 41:9(2009), 889-894.

CURRENT RESEARCH GRANTS AND CONTRACTS:

2023-2028 – WCRME Technical Assistance to Access FSA Farm Loan Programs, \$7,600,000, NIFA, PI

2022-2025 – WCRME Meat and Poultry Supply Chain and Workforce Education, \$600,000, NIFA, PI

2021-2024 – WCRME Improving the Econ. Viability of Ag Producers with RME \$6,750,000, NIFA, PI

2011-2022 – Farm Stress and Suicide Prevention \$258,000 USDA NIFA and WA Dept of Ag., PI.

2020-2023 – Genomic Selection as a Risk Management Tool for Dairies, \$349,876, USDA WSARE, co-PI

2021-2023 - Applied Research to Reduce Emissions from Agricultural Burning, \$90,000, WA DOE, co-PI

SYNERGISTIC ACTIVITIES

- Chair-elect and Chair: Extension Section, Agricultural and Applied Economics Association 2019-2022.