

JAY PARSONS

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EDUCATION

- 2003 Ph.D. Agricultural and Resource Economics, Colorado State University.
1993 M.S. Mathematics, Colorado State University.
1987 B.A. Mathematics/Mathematics Education, Hastings College (NE).

ACADEMIC POSITIONS

- July 2020 – Present Professor, Department of Agricultural Economics, University of Nebraska – Lincoln.
2014 – 2020 Associate Professor, Department of Agricultural Economics, University of Nebraska – Lincoln.
2009 – 2014 Co-Director, Western Center for Integrated Resource Management, College of Agricultural Sciences, Colorado State University.
2006 – 2014 Special Assistant Professor, Department of Agricultural and Resource Economics, Colorado State University.
2003 – 2006 Post-Doc Researcher, Department of Agricultural and Resource Economics, Colorado State University.
1992 – 1998 Assistant Professor, Associate Director of the Individualized Mathematics Program, Department of Mathematics, Colorado State University.

OTHER POSITIONS

- 1989-1990 Mathematics Teacher, Head Girls Basketball Coach. Strasburg, CO.
1887-1989 Mathematics Teacher, Assistant Football Coach, Assistant Boys Basketball Coach. North High School, Bakersfield, CA.

AREAS OF SPECIAL INTEREST

Production economics, operations research, risk management, decision analysis, systems modeling, farm and ranch management.

SCHOLARSHIP SUMMARY

- Primary author or co-author on 18 publications in peer-reviewed journals.
Single author or co-author on 2 refereed proceedings publications.
Single author on 1 book.
Single author or co-author on 3 book chapters.

Primary or co-author on 46 professional conference presentations.

Primary author of 87 invited lectures and presentations.

Primary or co-author of 146 educational workshop presentations (since 2006).

Primary or co-author on 286 other in-person or online presentations.

Primary or co-author on 218 other extension and outreach publications.

Primary or co-author of 22 published software applications.

PI or co-PI on Extension and Research Grants and Contracts: \$12.1 million

PUBLICATIONS IN PEER-REVIEWED JOURNALS

Welchons, C. A., R. G. Bondurant, T. J. Klopfenstein, A. K. Watson, J. Parsons, and J. C. MacDonald. Forthcoming. Performance and economics of backgrounding yearling beef steers on smooth bromegrass pastures. *Applied Animal Science*. Accepted: 12/10/2020.

Blanco-Canqui, H., M.E. Drewnoski, J.C. MacDonald, D.D. Redfearn, J. Parsons, G.W. Lesoing, and T. Williams. (2020). Does cover crop grazing damage soils and reduce crop yields? *Agrosyst Geosci Environ*. 2020; 3:e20102. <https://doi.org/10.1002/agg2.20102>.

McKee, G., Parsons, J., and Kenkel, P. (2019). Livestock Marketing Cooperative Benefits in the 21st Century. *Western Economics Forum*, 17(2):34-41.

Cumming, K., Parsons, J., Schacht, W., and Baskerville, B. (2019). Examining the Capacity of Nebraska Rangelands for Cattle Production. *Western Economics Forum*, 17(1):46-61.

Bastian, C. T. and J. Parsons. (2019). Western rangelands: A tale of conservation, grazing, resource policy, and economic implications. *Western Economics Forum*, 17(1):5-8.

Redfearn, D., J. Parsons, M. Drewnoski, M. Schmer, R. Mitchell, J. MacDonald, J. Farney, and A. Smart. (2019). Assessing the Value of Grazed Corn Residue for Crop and Cattle Producers. *Agric. Environ. Lett.* 4:180066. doi:10.2134/aer2018.12.0066.

Brooks, K., Walters, C., Parsons, J., Ramirez, A., Van Tassell, L., Lubben, B., Aiken, D. (2018). Characteristics Contributing to Nebraska Farm and Ranch Financial Stress. *Journal of the American Society of Farm Managers & Rural Appraisers*, pp. 140-156.

Drewnoski, M., Parsons, J., Blanco, H., Redfearn, D., Hales, K., and MacDonald, J. (2018) Forages and pastures symposium: cover crops in livestock production: whole-system approach. Can Cover Crops Pull Double Duty: Conservation and Profitable Forage Production in the Midwestern U.S.? *Journal of Animal Science* 96(8):3503-3512.

Cox-O'Neill, J. L., Hales, K. E., Ulmer, K. M., Rasby, R. J., Parsons, J., Shackelford, S. D., Freetly, H. C., Drewnoski, M. E. (2017). The effects of backgrounding system on growing and finishing performance and carcass characteristics of beef steers. *Journal of Animal Science*, 95(12), 5309–5319. <http://doi.org/10.2527/jas2017.1934>.

Parsons, J., & Hewlett, J. P. (2017). Risk scenario planning tool for education on livestock risk protection insurance for feeder cattle. *Journal of Extension*, 55(1): Article Number 1TOT7.

Redfearn, D., Parsons, J., and Drewnoski, M. (2016). Multidisciplinary research and extension team evolution: Processes, outcomes, and strategies. *Agricultural & Environmental Letters*, 1:160042 (2016) doi:10.2134/ael2016.10.0042.

Kachergis, E. J., Knapp, C. N., Fernandez-Gimenez, M. E., Ritten, J. P., Pritchett, J. G., Parsons, J., Hibbs, W., & Roath, R. (2013). Tools for resilience management: multidisciplinary development of state-and-transition models for northwest Colorado. *Ecology and Society* 18(4): 39. <http://dx.doi.org/10.5751/ES-05805-180439>.

McCulloch, K., Hoag, D. K., Parsons, J., Lacy, M., Seidel Jr., G. E., & Wailes, W. (2013). Factors affecting economics of using sexed semen in dairy cattle. *Journal of Dairy Science*, 96(10): 6366-6377. doi:10.3168/jds.2013-6672.

Mortenson, R., Parsons, J., Pendell, D. L., & Haley, S. D. (2012). Wheat Variety Selection: An Application of Portfolio Theory in Colorado. *Western Economics Forum*, 11(2): 10-21.

McCulloch, K., Parsons, J., & Roman-Muniz, I. N. (2012). Extension's Guide to Sexed Semen: A Dairy Case Study. *Journal of Extension*, 50(4): Article Number 4 RIB7.

Pritchett, J., Kachergis, E., Parsons, J., Fernandez-Gimenez, M., & Ritten, J. (2012). Home on a Transitioning Range: A Ranch Simulation Game Demonstrating STMs. *Rangelands*, 34(3): 53-59.

Hoag, D. L. K. & Parsons, J. (2010). Risk Navigator SRM: An Applied Risk Management Tool. *Journal of Probability and Statistics*, vol. 2010, Article ID 214358. doi:10.1155/2010/214358.

Parsons J., Kimberling, C., Parsons, G., & Le Valley, S. (2005). Colorado sheep ID project: Using RFID for tracking sheep. *Journal of Animal Science*, 83(7): 119 – 120.

REFEREED PROCEEDINGS PUBLICATIONS

Houk, E., Parsons, J. & Hewlett, J. (2019) Developing a Farm Business Simulation Game To Enhance Undergraduate Risk Management Learning, EDULEARN19 Proceedings, p. 2672. <http://dx.doi.org/10.21125/edulearn.2019.0726>.

Hewlett, J., & Parsons, J. (2017). Risk scenario planning. In *21st International Farm Management Congress* (Vol. 1, pp. 1–8). International Farm Management Association. Retrieved from http://ifmaonline.org/wp-content/uploads/2017/12/17_PR_HewlettParsonsw5_p_1_.pdf.

Parsons, J. (2002). Agland Decision Tool: A Multicriteria Decision Support System for Agricultural Property. In *Integrated Assessment and Decision Support proceedings of the 1st biennial meeting of the International Environmental Modelling and Software Society*. Vol. 3. pp. 181-186.

BOOKS

Parsons, J. (2008). *The Jensen Effect: Productivity Variation and Group Optimization*. Lambert Academic Publishing, Koln, Germany. ISBN 978-3-8383-0279-9.

BOOK CHAPTERS

Hoag, D. & Parsons, J. (2010). Ag Survivor. In *Applied Risk Management in Agriculture*. CRC Press, Boca Raton, FL USA. ISBN 978-1-4398-0973-0.

Parsons, J. (2010). Production Risk. In *Applied Risk Management in Agriculture*. CRC Press, Boca Raton, FL USA. ISBN 978-1-4398-0973-0.

Parsons, J. & Hoag, D. (2010). Step 5: Identify Risk Management Alternatives. In *Applied Risk Management in Agriculture*. CRC Press, Boca Raton, FL USA. ISBN 978-1-4398-0973-0.

PROFESSIONAL CONFERENCE PRESENTATIONS

Parsons, J. “Recent and Emerging Multi-criteria Decision Making Applications in Agriculture.” Accepted presentation in a sponsored session of Multiple Criteria Decision Making at the 2020 INFORMS Annual Meeting. November 13, 2020.

Widder, E.K., D. Redfearn, R. Mitchell, M. Schmer, V. Jin, J. Parsons, and M. Drewnoski. Economic sustainability of a perennial grass system grazed by stocker cattle. In Annual Meetings Abstracts Society for Range Management, Denver, CO. February 16-20, 2020.

Hewlett, J.P., J. Parsons, and J.E. Tranel. “Business Structures for Today's Farms and Ranches - a publication series comparing and contrasting alternative organizational structures for farm and ranch businesses.” Selected presentation at the Western Agricultural Economics Association / Western Extension Committee Annual Meeting. July 1, 2020.

Hewlett, J.P., J.E. Tranel, and J. Parsons. “Understanding Risk in Agriculture.” Extension Risk Management Education National Conference. Denver Colorado. April 1-2, 2020.

Parsons, J. “Leasing Arrangements.” 2020 Midwest Cover Crops Council Annual Conference. Kansas City, MO. February 12, 2020.

Redfearn, D. D. , M. E. Drewnoski, A. Johnson and J. Parsons. Seeding Rates for Oats and Brassica Mixtures. Poster presentation. American Society of Agronomy Annual Meeting. San Antonio, TX. November 13, 2019.

Widder, E., D. D. Redfearn, R. B. Mitchell, M. R. Schmer, V. L. Jin, J. Parsons, and M. Drewnoski. “Evaluating the Economic Sustainability of Grazing Stocker Cattle on Marginally Productive Cropland.” Poster presentation. American Society of Agronomy Annual Meeting. San Antonio, TX. November 11, 2019.

Houk, E., J. Parsons, and J. Hewlett. “Developing a Farm Business Simulation Game to Enhance Undergraduate Risk Management Learning.” Accepted poster presentation in the Pedagogical Innovations and Educational Issues session at EDULEARN19, 11th Annual International Conference on Education and New Learning Technologies. Palma de Mallorca, Spain. July 1-3, 2019.

Hewlett, J., J. Parsons, and J. Tranel. “Evaluating Risk Strategies - a module on developing and evaluating risk management strategies in agriculture.” Selected presentation at the Western Extension Committee Annual Meeting. Coeur d’Alene, ID. July 1, 2019.

Hewlett, J. P., J. Parsons, and J. E. Tranel. “RightRisk.” Selected poster presentation at the Western Extension Committee Annual Meeting. Coeur d’Alene, ID. June 30 – July 2, 2019.

Hewlett, J. P. and J. Parsons. “Enterprise Risk Analysis.” Selected presentation. 2019 Extension Risk Management Education National Conference, Louisville, KY. April 3-4, 2019.

Hewlett, J. P. and J. Parsons. "Enterprise Risk Analysis." Peer Reviewed Academic Paper Presentation. 22nd International Farm Management Congress, Launceston, Tasmania, Australia. March 6, 2019.

Cortasa, M.S., M. Drewnoski, R.W. Elmore, S.R. Everhart, E. Haramoto, L.E. Lindsey, A.J. McMechan, J. Parsons, C.A. Proctor, D.D. Redfearn, and R. Werle. "Evaluation of Yield across a Range of Soybean Relative Maturity Groups." Oral presentation. American Society of Agronomy Annual Meeting. Baltimore, MD. November 6, 2018.

Proctor, C.A., E. Haramoto, D.D. Redfearn, J. Parsons, A.J. McMechan, R.W. Elmore, L.E. Lindsey, M. Drewnoski, S.R. Everhart, R. Werle, and J. Wehrbein. "Impact of Planting Date on Fall Seeded Cover Crops Biomass Production." Poster presentation. American Society of Agronomy Annual Meeting. Baltimore, MD. November 6, 2018.

Parsons, J. and K. Brooks. "Weighting Criteria for Agriculture Planning: An Application of the Analytic Hierarchy Process." Accepted presentation in a sponsored session of Multiple Criteria Decision Making at the 2018 INFORMS Annual Meeting. Phoenix, AZ. November 4, 2018.

Hewlett, J., J. Parsons*, and J. Tranel. "Enterprise Risk Analysis: A Module Covering Risk Management at the Enterprise Level." Selected presentation at the Western Extension Committee Annual Meeting. Anchorage, AK. June 25, 2018.

Coufal, E., J. Parsons, M. Drewnoski, and D. Redfearn. "Modeling Crop-Livestock Production Systems Using Agent Based Principles/Techniques." Accepted paper presentation at the Western Agricultural Economics Association Annual Meeting. Anchorage, AK. June 25, 2018.

Redfearn, D. D., R. B. Mitchell, M. Drewnoski, J. Parsons, J. C. MacDonald, M. R. Schmer, H. Blanco, and V. L. Jin. "Forage and Crop Residue Utilization in Corn and Beef Systems in the Midwest." American Society of Agronomy Annual Meeting. Tampa, FL. October 24, 2017.

Blanco, H., M. E. Drewnoski, C. Burr, G. Lesoing, T. Williams, D. Redfearn, J. Parsons. "Does Grazing or Harvesting of Cover Crops Affect Soils and Crop Production? Assessment in Different Soil Types and Management Scenarios." American Society of Agronomy Annual Meeting. Tampa, FL. October 24, 2017.

Drewnoski, M. E., J. Parsons, D. Redfearn, H. Blanco-Canqui, and J. C. MacDonald. "Can cover crops pull double duty: Conservation and profitable forage production?" Invited paper presentation in the Forages and Pastures Symposium: Cover Crops in Livestock Production: Whole-system Approach at the 2017 American Society of Animal Science Annual Meeting. Baltimore, MD. July 11, 2017.

Hewlett, J. P. and J. Parsons. "Multi-Temporal Risk Analysis: Evaluating the Costs and Benefits of Management Changes Over Time." WEC Selected Presentations Track: Extension's Role, Evaluation, and Informing Decisions at the Western Extension Committee-Western Agricultural Economics Association joint meetings. Lake Tahoe, NV. July 10, 2017.

Hewlett, J. P. and J. Parsons. "Risk Scenario Planning." Peer Reviewed Academic Paper Presentation. 21st International Farm Management Congress, Edinburgh, Scotland. July 5, 2017.

Parsons, J. "A Process for Making Smart Choices in Agriculture." Poster presentation. Advances in Decision Analysis 2017 Conference, Austin, TX. June 26-27, 2017.

Hewlett, J. P. and J. Parsons. "Multi-Temporal Risk Analysis: Evaluating the Costs and Benefits of Management Changes Over Time." Selected presentation. 2017 Extension Risk Management Education National Conference, Cincinnati, OH. April 27, 2017.

Parsons, J. and J. Jansen. "Simple Tools To Help Agricultural Decision Makers Think About Risk." Contributed presentation to the Education I session at the 2016 INFORMS Annual Meeting. Nashville, TN. November 16, 2016.

Parsons, J. "An Overview of Multi-criteria Decision Making Methods Applied to Agricultural Problems." Invited presentation for the Multiple Criteria Decision Making Cluster at the 2015 INFORMS Annual Meeting. Philadelphia, PA. November 1, 2015.

Hewlett, J. and J. Parsons. "Risk Scenario Planning." Selected presentation at the 2015 Extension Risk Management Education National Conference. Minneapolis, MN. April 29, 2015.

Parsons, J. "MCDM and PROMETHEE Preference Functions for Crop Variety Selection." Contributed presentation at the 2014 INFORMS Annual Meeting. San Francisco, CA. November 12, 2014.

Pritchett, J., M. Fernandez-Gimenez, E. Kachergis, J. Parsons, and J. Ritten. "Home on a Transitioning Range: Extending State and Transition Models as a Tool for Adaptive Grazing Management." A poster presentation at the Society for Range Management Strategic Grazing Management for Complex Adaptive Systems Symposium. Fort Collins, CO. November 30, 2012.

Parsons, J. "Interactive Risk Education Using Simulation and Other Tools: Experiences from Agriculture." Contributed presentation at the 2012 INFORMS Annual Meeting. Phoenix, AZ. October 17, 2012.

Parsons, J. and K. McCulloch. "Using a Response Surface to Estimate High Profit Combinations for Technology Adoption." Contributed presentation at the 2011 INFORMS Annual Meeting. Charlotte, NC. November 12-16, 2011.

Parsons, J. "Wheat Variety Multi-Criteria Decision Support." Contributed presentation at the 2010 INFORMS Annual Meeting. Austin, TX. November 7-10, 2010.

Parsons, J. "Multi-Criteria Decision Support for Wheat Variety Selection." Poster presentation at the 2010 INFORMS Conference on O.R. Practice: Applying Science to the Art of Business. Orlando, FL. April 18-20, 2010.

Parsons, J., D. Hoag, and D. Griffith. "Risk Navigator SRM: A Ten-Step Process for Strategic Risk Management". Contributed presentation at the 2009 INFORMS Annual Meeting, San Diego, CA. October 14, 2009.

Parsons, J. and D. Hoag. "Using Simulations to Teach Risk Management to Farmers and Ranchers." Invited presentation at the INFORMS International Conference. Rio Grande, Puerto Rico. July 9, 2007.

Parsons, J., D. Hoag, and J. Hewlett. "RightRisk: Ag Survivor and Strategic Risk Management." Selected presentation at the 2007 National Extension Risk Management Education Conference. Phoenix, AZ. April 18, 2007.

Parsons, J., D. Hoag, and J. Hewlett. RightRisk: A Risk Education Simulation. Selected paper at the annual meeting of the Western Agricultural Economics Association. Anchorage, AK. June 2006.

Parsons, J., C. Kimberling, G. Parsons, and S. LeValley. "Colorado Sheep ID Project: Using RFID for Tracking Sheep." Invited presentation at the American Society of Animal Science Western Section Extension Symposium. Las Cruces, NM. June 23, 2005.

Parsons, J. "RightRisk Development and Use in Risk Management Education." Panel session presentation at the 2005 National Extension Risk Management Education Conference. Kansas City, MO. April 7, 2005.

Parsons, J. R. and D. L. Hoag. "Variable Productivity Within Groups and the Jensen Effect." Accepted paper at the Western Agricultural Economics Association Annual Meetings. Honolulu, HI. June 30 – July 2, 2004.

Hoag, D. and J. Parsons. "RightRisk™ Risk Management Software." Invited paper presentation at the *Multi-State Risk Management Education Efforts in the West: Challenges and Funding Opportunities* symposium, Western Agricultural Economics Association Annual Meetings. Honolulu, HI. June 30 – July 2, 2004.

Parsons, J. R. and D. L. Hoag. "Risk Management Education in the West using RightRisk." Accepted paper at the Western Agricultural Economics Association Annual Meetings. Denver, CO. July 15, 2003.

Parsons, J. R. and D. L. Hoag. "RightRisk: Risk Education & Simulated Decision Making." Concurrent session presentation at the National Extension Risk Management Education Conference. Dallas-Fort Worth, TX. March 26-27, 2003.

Parsons, J. R., D. L. Hoag, and S. R. Koontz. "Optimizing in the Presence of Variable Growth Paths in Livestock." Accepted paper at the Western Agricultural Economics Association Annual Meetings. Long Beach, California. July 28-31, 2002.

Parsons, J. "Agland Decision Tool: A Multicriteria Decision Support System for Agricultural Property." Selected paper at iEMSs 2002, Biennial meeting of the International Environmental Modelling and Software Society. University of Lugano. Lugano, Switzerland. June 24-27, 2002.

Parsons, J. R., D. L. Hoag, and S. R. Koontz. "Economics of Variable Swine Growth." Selected paper. Western Agricultural Economics Association Annual Meetings. Logan, UT. July, 2001.

INVITED LECTURES AND PRESENTATIONS

Parsons, J. "Crop-Livestock Integrated Production Systems: Risk Management and Decision Making." AECN 821 Orientation to Research Seminar guest lecture. University of Nebraska-Lincoln. Lincoln, NE. November 11, 2020. Invited by Azzeddine Azzam.

Parsons, J. "Determining Your Cost of Production and Building Marketing Plans." ASCI 451 Livestock Management on Range & Pasture three-hour guest lecture over two days. University of Nebraska-Lincoln. Lincoln, NE. November 3-5, 2020. Invited by Kacie McCarthy.

Redfearn, D. and Parsons, J. "Economic Considerations of Converting Cropland to Perennial Grazinglands." 2020 Nebraska Crop Management Conference. Kearney, NE. January 23, 2020. Invited by Chris Proctor, Nebraska Extension.

Parsons, J. "Strategic Planning for Your Herd." 2019 Beef Update. Atkinson, NE. December 5, 2019. Invited by Amy Timmerman.

Parsons, J. "Building Marketing Plans and Partial Budgeting." ASCI 451 Livestock Management on Range & Pasture one-hour guest lecture. University of Nebraska-Lincoln. Lincoln, NE. November 21, 2019. Invited by Walt Schacht and Mary Drewnoski.

Parsons, J. "Crop-Livestock Integrated Production Systems: Risk Management and Decision Making." AECN 821 Orientation to Research Seminar guest lecture. University of Nebraska-Lincoln. Lincoln, NE. November 20, 2019. Invited by Azzeddine Azzam.

Parsons, J. "Determining Your Cost of Production." ASCI 451 Livestock Management on Range & Pasture one-hour guest lecture. University of Nebraska-Lincoln. Lincoln, NE. November 19, 2019. Invited by Walt Schacht and Mary Drewnoski.

Parsons, J. "Developing a Marketing Plan." One-hour presentation at the American Dexter Cattle Association 2019 National AGM Show. Lincoln, NE. June 28, 2019. Invited by Kim Newswanger, ADCA Region 9 Director and Education Committee Chair.

Parsons, J. Agriculture & Agri-Food Canada – Farm Management Canada: Risk Management Education Workshop, Ottawa, Ontario, Canada. March 18-19, 2019. Invited panelist and workshop participant. Invited by Heather Watson, Farm Management Canada.

Parsons, J. Corn Stalk Grazing Economics: Should you consider renting out or taking in cows? Hamilton County Ag Day 2019, Aurora, NE. February 13, 2019. Invited by Steve Melvin.

Parsons, J. "Diversifying as a Strategy to Reduce Risk & Improve Profitability." 2018 Nebraska Power Farming Show. Lincoln, NE. December 5, 2018. Invited by Cindy Feldman.

Parsons, J. "Diversifying as a Strategy to Reduce Risk & Improve Profitability." 2018 Nebraska Power Farming Show. Lincoln, NE. December 4, 2018. Invited by Cindy Feldman.

Parsons, J. 2018. "Agricultural Economics Courses for Farm and Ranch Management." Fall 2018 Center for Grassland Studies Seminar Series. University of Nebraska-Lincoln. Lincoln, NE. November 26, 2018. Invited by Steven Waller.

Parsons, J. 2018. "Partial Budgeting." ASCI 451 Livestock Management on Range & Pasture half-hour guest lecture. University of Nebraska-Lincoln. Lincoln, NE. November 20, 2018. Invited by Walt Schacht and Dennis Brink.

Parsons, J. 2018. "Determining Your Cost of Production and Building Marketing Plans." ASCI 451 Livestock Management on Range & Pasture 2-hour guest lecture. University of Nebraska-Lincoln. Lincoln, NE. November 15, 2018. Invited by Walt Schacht and Dennis Brink.

Drewnoski, M. and Parsons, J. 2018. Alternative Forage Systems. 2018 Nebraska State of Beef Conference. North Platte, NE. November 8, 2018. Invited by Karla Jenkins.

Brooks, K. and J. Parsons. 2018. "Livestock Production, Marketing, and Risk Management." AECN 821 Orientation to Research Seminar guest lecture. University of Nebraska-Lincoln. Lincoln, NE. November 7, 2018. Invited by Azzeddine Azzam.

Parsons, J., Redfearn, D., Drewnoski, M., Jansen, J., and Reese, J. 2018. "Online Crop Residue Exchange." Nebraska Extension Capacity Building In-Service. Lincoln, NE. March 29, 2018.

McClure, G., Jansen, J., and Parsons, J. 2018. "Livestock and Crop Budgets Review and Updates." Nebraska Extension Capacity Building In-Service. Lincoln, NE. March 27, 2018.

Parsons, J. 2018. "Managing Precipitation Risk for Pasture and Annual Forages." The 33rd Annual Nebraska Women in Agriculture Conference. Kearney, NE. February 23, 2018. Invited by Bethany Johnston, Nebraska Extension.

Redfearn, D., Parsons, J., Drewnoski, M. 2018. "Online Crop Residue Exchange Links Growers and Grazers." 2018 Nebraska Crop Management Conference. Kearney, NE. January 25, 2018. Invited by Jenny Rees, Nebraska Extension.

Parsons, J. 2018. "Precipitation Risk Management for Second Crop Annual Forages." 2018 Nebraska Crop Management Conference. Kearney, NE. January 24, 2018. Invited by Chris Proctor, Nebraska Extension.

Parsons, J. 2018. "Pricing Cover Crop Grazing and Developing Lease Agreements." York Ag Expo. York, NE. January 10, 2018. Invited by Jenny Rees, Nebraska Extension.

Parsons, J. 2017. "Decision Biases." Nebraska Extension Crop Educator Conference Call. December 12, 2017. Invited by Charles Shapiro, University of Nebraska-Lincoln.

Parsons, J. 2017. "Determining Your Cost of Production and Building Marketing Plans." ASCI 451 Livestock Management on Range & Pasture 2-hour guest lecture. University of Nebraska-Lincoln. Lincoln, NE. November 16, 2017. Invited by Walt Schacht.

Parsons, J. 2017. "Making Pasture Pay." NRES 438/838 Grassland Conservation: Planning and Management guest lecture. University of Nebraska-Lincoln. Lincoln, NE. November 10, 2017. Invited by Walt Schacht.

Brooks, K. and J. Parsons. 2017. "Livestock Production, Marketing, and Risk Management." AECN 821 Orientation to Research Seminar guest lecture. University of Nebraska-Lincoln. Lincoln, NE. November 8, 2017. Invited by Azzeddine Azzam.

Parsons, J. 2017. "Pricing Cover Crop Grazing and Developing Lease Agreements." Opportunities for Growing and Grazing Cover Crops Conference. Lincoln, NE. August 9, 2017. Attendance: 150. Invited by Tyler Williams, Nebraska Extension.

Parsons, J. 2017. "Managing Risks in a Risky World." 2017 Nebraska Grazing Conference. Kearney, NE. August 9, 2017. Attendance: 210. Invited by the Center for Grassland Studies, University of Nebraska-Lincoln.

Parsons, J. 2017. "Ranch Planning for Success." 54th Annual Nebraska Youth Range Camp. Halsey, NE. June 6, 2017. Attendance: 30.

Parsons, J. 2017. "Smart Choices." The 32nd Annual Nebraska Women in Agriculture Conference. Kearney, NE. February 24, 2017. Attendance: 27 women.

Parsons, J. 2016. "Introduction to Risk Management in Agriculture." McCook, NE. December 15, 2016. Invited by Tim Wiebe, McCook National Bank.

Parsons, J. 2016. "Risk Management Tools for Grasslands." Nebraska Cattlemen Convention. Kearney, NE. December 7, 2016. Invited by Melody Benjamin, Nebraska Cattlemen.

Parsons, J. 2016. "Where is the cattle industry headed?" Power Farming Show. Lincoln, NE. December 6, 2016. Invited by Tyler Williams, Nebraska Extension Lancaster County.

Parsons, J. 2016. "Livestock Budgeting, Cost of Production, and Partial Budgeting." ASCI 451 Livestock Management on Range & Pasture guest lecture. University of Nebraska-Lincoln. Lincoln, NE. November 10, 2016. Invited by Walt Schacht.

Brooks, K. and J. Parsons. 2016. "Livestock Production, Marketing, and Risk Management." AECN 821 Orientation to Research Seminar guest lecture. University of Nebraska-Lincoln. Lincoln, NE. November 9, 2016.

Parsons, J. 2016. "Livestock Budgeting." ASCI 451 Livestock Management on Range & Pasture guest lecture. University of Nebraska-Lincoln. Lincoln, NE. November 8, 2016.

Parsons, J. 2016. "Managing risk in cattle production systems." Platte Valley Cattlemen's Association. Clarkson, NE. August 15, 2016. Attendance: 75 (70 men; 5 women).

Drewnoski, M. and J. Parsons. 2016. "Grazing corn residue: Myths and merits." Invited presentation at the 2016 Nebraska Veterinary Medical Association Summer Conference. North Platte, NE. June 10, 2016.

Parsons, J. 2016. "Ranch Planning for Success." 53rd Annual Nebraska Youth Range Camp, Halsey, NE. June 7, 2016.

Parsons, J. 2016. "Are You Risk Averse or Just Treated That Way?" Invited presentation at the 31st Annual Nebraska Women in Agriculture Conference. Kearney, NE. February 26, 2016. Attendance: 42.

Parsons, J. 2016. "Sheep Producer Webinar Education Program." Invited presentation to the Let's Grow Committee at the 2016 American Sheep Industry Annual Convention. Scottsdale, AZ. January 29, 2016. Attendance: 25.

Parsons, J. 2015. "Beef Industry Risk Considerations." 2015 Husker Beef Nutrition Conference. University of Nebraska Agricultural Research and Development Center. Ithaca, NE. November 6, 2015. Attendance: 150.

Cox, T., Laguna, M., Parsons, J., Popken, D. 2015. "Panel Discussion with Rocky Mountain Chapter Past Presidents." Rocky Mountain Chapter of INFORMS Chapter Meeting. Denver, CO. September 17, 2015. Attendance: 25.

Parsons, J. 2015. "Controlling Risk in Grazing-Based Production Systems." 2015 Nebraska Grazing Conference. Kearney, NE. August 12, 2015. Attendance: 175.

Parsons, Jay. "Ranch Planning for Success." 2015 Nebraska Youth Range Camp, Halsey, NE. June 8, 2015. Attendance: 38.

Parsons, Jay. "Risk and Grass." Range and Forage Brown Bag Seminar. University of Nebraska-Lincoln Department of Agronomy and Horticulture. Lincoln, NE. March 18, 2015.

Parsons, Jay. "Webinars of 2014 Review and A Look Forward at 2015." Invited presentation to the Let's Grow Committee at the 2015 American Sheep Industry Annual Convention. Reno, NV. January 29, 2015. Attendance: 70.

Drewnoski, Mary, Jay Parsons, and Daren Redfearn. "Future Enhancement of Research and Extension Programs to Support the Beef Cattle Industry through a Team Approach." Center for Grassland Studies Citizens Advisory Council Meeting. University of Nebraska. Lincoln, NE. October 31, 2014.

Parsons, Jay. "Accounting for Variable Production in Decision Making." Fall 2014 Center for Grassland Studies Seminar Series. University of Nebraska. Lincoln, NE. October 27, 2014.

Parsons, Jay. "The Importance of Developing a Solid Risk Management Culture." University of Nebraska-Lincoln Agribusiness Club meeting. Lincoln, NE. October 14, 2014.

Parsons, Jay. "Advances in Wheat Variety Selection." AECN 821 Orientation to Research Seminar Class presentation. University of Nebraska-Lincoln. Lincoln, NE. September 24, 2014.

Parsons, Jay. "The Importance of Developing a Solid Risk Management Culture." Colorado Wool Growers Association 2014 Annual Convention. Montrose, CO. July 17, 2014.

Parsons, Jay. "Evaluating Risk Management Options for Idaho Barley Producers." A 75 minute webinar presentation for the Idaho Barley Commission. March 4, 2014.

Parsons, Jay. "Livestock Risk Management Options: Tools and Strategies for Utah Livestock Operators." A one hour presentation at the Cow Production – Animal Health Seminar presented by the Utah State University Extension Service. Beaver, UT. January 29, 2014. Attendance: 39.

Parsons, Jay. "Webinars of 2013." Invited presentation to the Let's Grow Committee at the 2014 American Sheep Industry Annual Convention. Charleston, SC. January 23, 2014. Attendance: 45.

Parsons, Jay. "Introduction to Risk Management in Agriculture." Guest lecture in ANEQ 478 Beef Systems. Colorado State University, Fort Collins, CO. November 14, 2013. Attendance: 22.

Parsons, Jay and John Hewlett. "Managing Drought Risk and Tools to Evaluate Your Strategy: Risk Management Tools for Wyoming Livestock Operators." Invited presentation at the Wyoming Department of Agriculture Drought Contingency Plan Workshop. Sundance, WY. October 2, 2013. Attendance: 9.

Parsons, Jay and John Hewlett. "Managing Drought Risk and Tools to Evaluate Your Strategy: Risk Management Tools for Wyoming Livestock Operators." Invited presentation at the Wyoming Department of Agriculture Drought Contingency Plan Workshop. Buffalo, WY. October 1, 2013. Attendance: 15.

Parsons, Jay and John Hewlett. "The Enterprise Risk Analyzer – How to Evaluate Crop Alternatives and Risk." Invited presentation at the 2013 Pitahaya/Dragon Fruit Production Seminar & Field Day. San Marcos, CA. August 23, 2013. Attendance: 60.

Parsons, J. "Economics: Making Pasture Pay." Invited presentation at the 2013 Pasture Management Professional Development Workshop. Fort Collins, CO. August 22, 2013. Attendance: 35.

Parsons, J. "Experience from the Field: Risk Management Education Tools of the Trade." Invited presentation at the Rocky Mountain INFORMS Chapter Meeting. Denver, CO. May 16, 2013. Attendance: 8.

Parsons, Jay. "Webinars of 2012 to Support Mentor Program and Let's Grow Campaign." Invited presentation to the Let's Grow Committee at the 2013 American Sheep Industry Annual Convention. San Antonio, TX. January 24, 2013.

Parsons, Jay. "LRP & PRF: Insurance Tools for Livestock Producers." Presented during the *Managing Risk in Agriculture* workshop during the Niman Ranch Sustainability Short Course.

Western Center for Integrated Resource Management at Colorado State University, Fort Collins, CO. January 18, 2013. Attendance: 45.

Parsons, Jay. "Introduction to Risk Management in Agriculture." Presented during the *Managing Risk in Agriculture* workshop during the Niman Ranch Sustainability Short Course. Western Center for Integrated Resource Management at Colorado State University, Fort Collins, CO. January 18, 2013. Attendance: 45.

Parsons, Jay. "Introduction to Risk Management in Agriculture." Guest lecture in ANEQ 478 Beef Systems. Colorado State University, Fort Collins, CO. November 8, 2012. Attendance: 30.

Parsons, J. "USDA Beginning Farmer Rancher – BFR – Program Application Submitted." Invited presentation to the Rebuild the Sheep Inventory Committee Meeting at the American Sheep Industry Association Annual Convention. Scottsdale, AZ. January 26, 2012. Attendance: 27.

Parsons, J. "National Sheep Industry Improvement Center – Priority to Support Initiative and Grant Approved to ASI for Mentor Support of New Producers." Invited presentation to the Rebuild the Sheep Inventory Committee Meeting at the American Sheep Industry Association Annual Convention. Scottsdale, AZ. January 26, 2012. Attendance: 27.

Kimberling, Cleon V., Gerilyn Parsons, and Jay Parsons. "The Udder Difference." Invited presentation at the Colorado Wool Growers Association Annual Convention. Montrose, CO. July 27, 2011.

Parsons, J. and N. Dalsted. "Evaluating Fair Credit Value for Lessee Improvements on Colorado Trust Grazing Lands." Invited presentation at the Colorado State Board of Land Commissioners Meeting. Denver, CO. June 3, 2011. Attendance: 40.

Parsons, J. "Sheep Agriculture Management Opportunities." Invited presentation at the 4th Annual Mother Earth Gathering. Dzil Libei Elementary School, Cameron, AZ. May 7, 2011. Attendance: 30.

Parsons, J. "Risk Management in Agriculture." Invited presentation at the Navajo Chapter House, Birdsprings, AZ. May 6, 2011. Attendance: 22.

Parsons, J. "Industry Economics & Risk Management." Invited presentation at the Colorado Ranching Legacy Program Finance & Marketing Seminar. Fort Collins, CO. October 29, 2010.

Parsons, J. "Risk Management Strategies." Invited presentation at the Sheep Field Day, 35th Annual Virginia Performance Tested Ram Lamb Sale, and Replacement Ewe Lamb Sale. Steeles Tavern, VA. August 28, 2010. Estimated attendance: 80.

Parsons, J. "Pasture, Rangeland, Forage PRF Rainfall Insurance for Virginia Producers." Invited presentation at the Southwest Virginia Agriculture Research and Extension Center. Glade Spring, VA. August 26, 2010. Estimated attendance: 32.

Parsons, J. and D. Hoag. "Risk Navigator SRM: Step 3: Establish Your Risk Goals." Invited presentation at the Navajo National Traditional Agricultural Outreach Farmers and Ranchers Workshop and Roundtable Event. Seba Dalkai School, AZ. August 5, 2010. Estimated attendance: 12.

Hoag, D. and J. Parsons. "Determine Your Risk Preferences: What Level of Risk Is Right For You?" Invited presentation at the Navajo National Traditional Agricultural Outreach Farmers

and Ranchers Workshop and Roundtable Event. Seba Dalkai School, AZ. August 5, 2010. Estimated attendance: 20.

Parsons, J. and D. Hoag. “Risk Navigator SRM: Step 1: Determine Financial Health.” Invited presentation at the Navajo National Traditional Agricultural Outreach Farmers and Ranchers Workshop and Roundtable Event. Seba Dalkai School, AZ. August 5, 2010. Estimated attendance: 20.

Parsons, J. “Pasture, Rangeland, & Forage Insurance Education for Colorado Livestock Producers.” Invited presentation at the Colorado Wool Growers Association 82nd Annual Convention. Montrose, CO. July 23, 2009. Estimated Attendance: 25.

Parsons, J. and J. Tranel. “Overview of Risk Management Issues”. Invited Keynote Address at the Bridging Risk to Opportunity conference hosted by the Western Farm Leadership Council. Regina, SK Canada. March 12, 2009. Live Producer Attendance: 139. Webinar Producer Attendance: 90. Estimated total attendance: 240.

Parsons, J. “Livestock Risk Protection: Using LRP-Lamb to manage price risk.” Invited presentation at the Colorado Wool Growers Association 81st Annual Convention. Keystone, CO. July 23, 2008.

Parsons, J. and C. Kimberling. CO Update. Invited presentation to the NAIS Sheep Working Committee. Kansas City, KS. June 30, 2006.

Parsons, J., C. Kimberling, G. Parsons, W. Cunningham. “Colorado Sheep ID Project: Sheep RFID Trials 2004-2005.” Invited presentation at the National Institute for Animal Agriculture ID Expo 2005. Chicago, IL. September 27, 2005.

Parsons, Jay. “National Animal Identification System and RFID Update.” Invited presentation at the Colorado Wool Growers 78th Annual Convention, Frisco, CO. July 23, 2005.

Parsons, Jay. “RightRisk Scenario for Sheep Producers.” Invited presentation to the Lamb Council and Policy Forum at the 2005 American Sheep Industry and National Lamb Feeders Annual Convention. Reno, NV. January 28, 2005.

Parsons, Jay and Cleon Kimberling. “Colorado Sheep ID Project Update – Performance of Electronic ID In Sheep.” Invited presentation to the Sheep Identification Working Group at the 2005 American Sheep Industry and National Lamb Feeders Annual Convention. Reno, NV. January 27, 2005.

Parsons, Jay and Cleon Kimberling. “Colorado Sheep ID Project – Performance of Electronic ID In Sheep.” Invited presentation to the Committee on Sheep and Goats at the United States Animal Health Association, 108th Annual Meeting, Greensboro, NC. October 24, 2004.

CONTRACTS AND GRANTS

Dr. Parsons has participated in over \$12.1 million worth of contracts and grants in the last twelve years. Grantors and contractors include the USDA, DOE, FFAR, USAID, Nebraska Environmental Trust, the Colorado Department of Agriculture, the University of Wyoming, Utah State University, University of Maryland, Colorado Wheat Research Foundation, and the Western Farm Leadership Council of Canada. Dr. Parsons has a multidisciplinary approach to research as evidenced by his leadership and interest in various projects. Examples include risk management education projects, the Colorado Sheep & Goat Identification Project, contracted

software development, risk analysis, economic impact analysis, and farm and ranch management research and educational programs.

FUNDED PROJECTS (since 2010)

Redfearn, D., A. Little, J. Parsons, and J. Peterson. Expanding the Conversion of Habitat in the Northern Great Plains Ecosystem. DOE-EERE, \$3,200,000. Project period: 10/1/20 to 9/30/24. Submitted: 5/14/20. Awarded: 7/31/20.

Redfearn, D., M. Drewnoski, J. Parsons, and S. VanderPlas. Developing Adaptive Grazing Management Strategies for Optimizing Corn Residue Use. USDA-NIFA-AFRI, \$300,000. Project period: 1/15/2021 to 1/14/2024. Submitted: 4/23/2020. Awarded: 10/26/2020.

Schmidt, A., Koelsch, R., and Parsons, J. Transforming Manure and Cedar Mulch from “Waste” to “Worth” – Part II. Nebraska Environmental Trust, \$141,762. Project period: 7/1/2020 – 6/30/2022. Submitted: 9/3/2019. Awarded: 6/11/2020.

Blanco, H., Ruis, S., Parsons, J., Yang, H., Proctor, C., and Thompson, L. Managing Cover Crops to Enhance Soil Ecosystem Services in Soils Vulnerable to Environmental Pressures. USDA-NIFA-AFRI, \$500,000. Project period: 5/1/2020 to 4/30/2024. Submitted: 8/8/2019. Awarded: 4/20/2020. NUgrant ID: 131027. WBS number: 25-6222-1006-001. (10% credit).

Parsons, J., Jansen, J. and Dennis, E. Risk Management Education for Nebraska Livestock and Forage Producers Underserved by Crop Insurance. North Central Extension Risk Management Education Center – 2020 ERME Underserved Producers. Project period: 6/1/20 to 11/30/21. \$71,851. Submitted: 3/26/20. Funded 5/1/20.

Laborie, E., Arterburn, J., Beckman, B., Drewnoski, M., Jansen, J., Meyer, T. L., O’Daniel, S., Parsons, J., Redfearn, D., Schick, B., and Tigner, R. “Balancing Harvest Efficiency and Economics of Grazing Fall Forage Cover Crops.” NCR-SARE, \$40,000. Project period: 5/1/2020 to 4/30/2022. Submitted: 10/23/2019. Funded 3/12/2020. NUgrant ID: 132365.

Drewnoski, M., Redfearn, D., Jenkins, K., Vander Lay, B., and Parsons, J. Cow/calf Production with Limited Perennial Grass: Capitalizing on Opportunities to Integrate Cropping and Cattle Systems. NCR-SARE, \$199,642. Project period: 1/1/20 to 1/1/23. Submitted: 3/28/2019. Funded: 2/29/20. NUgrant ID: 128851.

Blanco, H., Ruis, S., Parsons, J., Yang, H., Proctor, C., and Thompson, L. Managing Cover Crops to Enhance Soil Ecosystem Services in Soils Vulnerable to Environmental Pressures. USDA-NIFA-AFRI, \$500,000. Project period: 1/1/2020 to 12/31/2023. Submitted: 8/8/2019. Award notice: 1/27/20.

Drewnoski, M., Guretzky, J., Jenkins, K., MacDonald, J., Parsons, J., Redfearn, D., Stephenson, M., and Volesky, J. “NC1181 – Optimizing land use for beef cattle production.” 2019 ARD Hatch Multistate Research Enhanced. IC-15898. \$398,406. Project period: 10/1/2019 to 9/30/2024.

Blanco, H., Creech, C., Parsons, J., Proctor, C., Ruis, S., and Stephenson, M. “NC1178 – Intensifying Cover Crop Management for Enhancing Agroecosystems Services.” 2019 ARD Hatch Multistate Research Enhanced. IC-15897. \$250,000. Project period: 10/1/2019 to 9/30/2024.

McClure, G. and J. Parsons. “Interactive Budget Pilot Program.” USDA-NIFA-North Central Extension Risk Management Education Center. \$3,000. Project period: 3/1/2019 to 10/31/2019.

Proctor, C., Everhart, S., Drewnoski, M., Krienke, B., McMechan, J., Parsons, J., Redfearn, D., Werle, R., and Elmore, R. “Cover Crop to Corn Transition Research Group.” UNL-IANR- ARD Strategic (Miscellaneous) Funding 2017. IC-3931. \$16,987. Project period: 10/1/18 – 9/30/19.

Parsons, J., Devlin, K., Groskopf, J., Jansen, J. “Risk Management Education for Women in Agriculture, Livestock Producers, and Beginning Producers in the Topeka Region.” USDA-Risk Management Agency 2018 Risk Management Education Partnerships Program. \$99,359. Project Period: 9/30/2018 to 3/31/2020.

Tranel, J., Hewlett, J., Parsons, J. “Delivering Crop Insurance and Other Risk Management Training to Producers in Alaska, 2018-2019.” USDA-Risk Management Agency Competitive Cooperative Partnership Agreements. \$88,638. Project Period: 9/30/2018 to 3/31/2020.

Hewlett, J., Parsons, J., Tranel, J. “Crop Insurance Program Training and Promotion for Utah’s Beginning, Livestock, Traditional, and Veteran Producers.” USDA-Risk Management Agency Targeted States Program. \$10,000 subaward. Project Period: 9/30/2018 to 3/31/2020.

Parsons, J. 2018. “Expanding Benchmarking and Financial Analysis to Ranches in the West.” Subaward from Colorado State University submission to USDA-NIFA-AFRI-FBMB. \$43,493. 9/1/18 to 8/31/21.

Parsons, J. “2018 INFORMS Annual Meeting.” University of Nebraska-Lincoln (Internal) Travel Grant. \$500. 7/18/2018 to 12/31/2018.

Drewnoski, M., Redfearn, D., Parsons, J., Blanco, H., MacDonald, J. “Impact of cover crops and grazing on soil health and system economics.” Nebraska Environmental Trust. \$149,848. Project Period: 4/26/18 to 6/30/20.

Hewlett, J., Parsons, J., Tranel, J. “Crop Insurance Program Training and Promotion for Utah’s Beginning, Livestock, Traditional, and Veteran Producers.” USDA-Risk Management Agency Targeted States Program. \$10,000 subaward. Project Period: 9/29/17 to 9/28/18.

Tranel, J., Hewlett, J., Parsons, J. “Delivering Crop Insurance and Other Risk Management Training to Producers in Alaska, 2017-2018.” USDA-Risk Management Agency Competitive Cooperative Partnership Agreements. \$64,963. Project Period: 9/29/17 to 9/28/18.

Tranel, J., Hewlett, J., Parsons, J. “Delivering Crop Insurance and Other Risk Management Training to Native American Producers on the Shiprock Reservation, 2017-2018.” USDA-Risk Management Agency Competitive Cooperative Partnership Agreements. \$17,939. Project Period: 9/29/17 to 9/28/18.

Parsons, J., Devlin, K., Johnston, B., Groskopf, J., Jansen, J., Vandever, M., Shulski, M. 2017. “Risk Management Education for Livestock and Forage Producers, Women in Agriculture, and New and Beginning Producers in the Topeka Region.” USDA-Risk Management Agency 2017 Risk Management Education Partnerships Program. \$98,439. Project Period: 9/30/2017 to 9/29/2018.

MacDonald, J., Redfearn, D., Blanco, H., Banjeree, S., Drewnoski, M., Erickson, G., Okalebo, J., Parsons, J., Suyker, A., Burba, G., Awada, T. 2017. “Enhancing Animal Protein through Crops and Cattle.” Foundation for Food and Agriculture Research. \$1,000,000. Project period: 7/1/17 to 6/30/22.

Schacht, W., Drewnoski, M., Redfearn, D., Parsons, J., MacDonald, J., Erickson, G., Mitchell, R., Spangler, M., Randle, R., Freetly, H., Funston, R., Stephenson, M., Volesky, J. “IANR Strategic Investment in Beef Systems.” University of Nebraska-Lincoln (internal). \$1.5 million. Project Period: 8/1/17 to 7/31/22.

Blanco, H. Creech, C., Elmore, R., Francis, C., Koehler-Cole, K., Parsons, J., Ruis, S., Shaver, T., Yang, H. 2017. "Assessing Innovative Strategies to Maximize Cover Crop Yields for Biofuel Across a Precipitation Gradient." USDA-NIFA-AFRI. \$500,000. Project period: 5/15/17 to 5/14/20.

Proctor, C. (Lead), Drewnoski, M., Elmore, R., Everhart, S., McMechan, A., Parsons, J., Redfearn, D., Werle, R. 2016. "Optimizing Cropping Systems for Resilience to Stress: The Role of Maturity Group Selection and Cover Crops on Yield, Weeds, Insects, and Microbes." USDA-NIFA, Plant Health and Production and Plant Products, Foundational Knowledge of Agricultural Production Systems. \$461,187. Project Period: 3/15/2017 to 3/14/2020.

Thorne, M., Fukumoto, G., Stevenson, M., Hewlett, J. P., Parsons, J., Cran Petrie, L., Cypriano, D., Gomes, J., Friel, G., Rice, F. "Development of an Individual Free-Choice Mineral Supplementation Program for Sustainable Grazing Management of Hawaii's Rangelands." USDA-SARE. \$59,977 subaward. Project Period: 2016-2019.

Parsons, J., Hewlett, J., Tranel, J. "Business Tools for Success in 2017." American Sheep Industry Let's Grow Program. \$20,289. Project Period: 2017-2018.

Parsons, J., Griffith, C., Lemmons, T., Shulski, M. 2016. "Risk Management Education for Nebraska Livestock and Forage Producers, Women in Agriculture, and New and Beginning Producers." USDA-Risk Management Agency 2016 Risk Management Education Partnerships Program. \$85,779. Project Period: 9/30/2016 to 9/29/2017.

Conway, A., Drewnoski, M., Glewen, K., Parsons, J., Proctor, C., Redfearn, D. 2016. "Impacts of ionophore supplementation and corn residue management on profitability of grazing rye with growing calves within an integrated production system." University of Minnesota – SARE. \$11,997. Project period: 9/1/16 to 8/31/18.

Johnston, B., Groskopf, J., Jenkins, J., Parsons, J. 2016. "Farm and Ranch Financial Literacy, "Maintaining Wealth"". University of Nebraska-Lincoln Extension Innovation Program. \$13,500. Project Period: 8/12/2016 – 8/11/2017.

Parsons, J., Drewnoski, M., Redfearn, D., Jansen, J., Rees, J. 2016. "Online Crop Residue Exchange." University of Nebraska-Lincoln Extension Innovation Program. \$12,500. Project period: 8/11/2016 – 8/10/2017.

Parsons, J. 2016. "2016 INFORMS Annual Meeting." University of Nebraska-Lincoln (Internal) Travel Grant. \$800. 7/24/2016 to 12/31/2016.

Mattos, F., Lubben, B., Parsons, J., Walters, C. 2016. "ERS Agricultural Economics Scholars." USDA-ERS. \$30,000. Project Period: 10/1/2017 to 9/30/2018.

Luebbe, M., Erickson, G., Koelsch, R., Parsons, J., Plugge, B., Stowell, R. 2016. "IANR Faculty Engagement with US Roundtable for Beef Sustainability." University of Nebraska-Lincoln ARD Strategic (Miscellaneous) Funding. \$3,900. Project period: 7/1/16 to 6/31/17.

Brooks, K., Parsons, J. 2015. "Helping Nebraska Livestock and Forage Producers Understand and Implement Existing and Emerging Risk Management Tools." USDA-NIFA-North Central Extension Risk Management Education Center. \$33,105. Project period: 4/1/2016 to 9/30/2017.

Parsons, J. 2015. "2016 Sheep Producer Webinar Education Program." American Sheep Industry Association, \$9,700. (2015-16).

Blanco, H., Drewnoski, M., Redfearn, D., Stalker, A., Parsons, J., MacDonald, M. 2015. "Does Grazing or Harvesting of Cover Crops Affect Soils and Crop Production? Assessment in Different Soil Types and Management Scenarios." USDA-NIFA-North Central Region Sustainable Agriculture Research and Education (NCR-SARE) program. \$199,974. Project period: 10/1/2015 to 9/30/2018.

Parsons, J. 2015. "2015 INFORMS Annual Meeting." University of Nebraska-Lincoln (Internal) Travel Grant. \$500. 8/13/2015 to 12/31/2015.

Parsons, J., Brooks, K. 2015. "Protecting Profits: Helping Nebraska Cattle Producers Manage Market Risk." USDA-NIFA-North Central Extension Risk Management Education Center. \$26,316. Project period: 4/1/2015 to 9/30/2016.

Drewnoski, M., McDonald, M., Lesoing, G., Drijber, R., Shaver, T., Parsons, J. 2014. "A producer driven approach to demonstrating soil health and economic benefits of cover crop adoption and livestock integration in Nebraska cropping systems." USDA/NRCS Conservation Innovation Grants (CIG) Program, \$74,958. (2014-2016).

Parsons, J. 2014. "2014-15 Sheep Producer Webinar Education Program." American Sheep Industry Association, \$9,140. (2014-15).

Tranel, J., Sharp, R., Hewlett, J., Parsons, J. 2014. "Helping Specialty Crop, New and Beginning, Women, and Other Farmers in Alaska (Spokane RO) Be Better Able to Use Crop Insurance and Other Risk Management Tools." USDA-RMA, \$99,977. (2014-15).

Parsons, J. 2014. "2014 Sheep Producer Webinar Education Program." American Sheep Industry Association, \$8,075.

Parsons, J. 2013. "Economic Impact of CSU Wheat Varieties on Colorado Producers." Colorado Wheat Research Foundation, \$3,647. Project period: 11/22/2013 to 3/31/2014.

Parsons, J. 2013. "Sheep Producer Education Program: Opportunities in the Sheep Industry." American Sheep Industry Association, \$7,920.

Parsons, Jay. "Insurance Education for Virginia Producers and Ranchers and Risk Management Education for Students in the Raleigh Region." RightRisk, LLC. 2011-2012 USDA-RMA Risk Management Education and Outreach Partnership Agreement #11-IE-53102-069. Funded Amount: \$100,000. Project period: 9/26/2011 to 9/25/2012.

Parsons, Jay. "Risk Management Education for Nebraska Livestock Producers in 2010-2011." USDA Risk Management Agency Cooperative Agreement Number 10-IE-53102-034 with RightRisk, LLC. Funded amount: \$10,000. Project period: 10/1/2010 to 9/30/2011.

REPORTS COMPLETED

Dalsted, Norm and Jay Parsons. Evaluating Fair Credit Value for Lessee Improvements and Services on Colorado State Trust Lands Grazing Leases. Prepared for the Colorado State Board of Land Commissioners, North Central District Office, Eaton, Colorado. March 2011.

OTHER EXTENSION AND OUTREACH PUBLICATIONS

Parsons, J. 2020. "The Livestock Indemnity Program: A Case for Managing Risk with Good Recordkeeping." University of Nebraska-Lincoln, *Cornhusker Economics*, December 10, 2020.

Tranel, J., Parsons, J., and Hewlett, J. 2020. "Year-end Financial Analysis and Tax Management Strategies." *RightRisk News*, Vol. 8, Issue 12. RightRisk Education Team. Laramie, WY.

Tranel, J., Hewlett, J. and Parsons, J. 2020. "Social Security and Medicare Taxes in 2020." *RightRisk News*, Vol. 8, Issue 11. RightRisk Education Team. Laramie, WY.

Parsons, J., M. Drewnoski, and D. Redfearn. 2020. "Crop Residue Exchange Links Available Residue with Cattle Producers." *UNL BeefWatch*, November 1, 2020. University of Nebraska-Lincoln. Lincoln, NE. <https://beef.unl.edu/beefwatch/2020/crop-residue-exchange-links-available-residue-cattle-producers>.

Tranel, J., J. Parsons, and J.P. Hewlett. "Rural tax resources provided for disaster loss." *Barnyards & Backyards* series in the *Wyoming Livestock Roundup*. 32:26. 24 October 2020.

Parsons, J., Hewlett, J. and Tranel, J. 2020. "Livestock Risk Protection Insurance Even More Appealing Under Recent Changes." *RightRisk News*, Vol. 8, Issue 10. RightRisk Education Team. Laramie, WY.

Hewlett, J.P., J. Sedman, J. Parsons, and J. Tranel. "Evaluating Pasture, Rangeland, Forage - Rainfall Index Coverage." *RightRisk Applied Risk Analytics #ARA-20201013*. 201. October 2020.

Parsons, J. 2020. "Managing Pasture Production Risk." *Center for Grassland Studies Newsletter*, Vol. 26, Issue 3. University of Nebraska-Lincoln.

Redfearn, D., J. Parsons, and M. Drewnoski. 2020. Market your Crop residue using the Crop Residue Exchange. *CropWatch* Electronic Newsletter, University of Nebraska-Lincoln (September 24, 2020). <https://cropwatch.unl.edu/tags/crop-residue-exchange>.

Parsons, J., J.P. Hewlett, and J.E. Tranel. 2020. "Fitting Annual Forages in a Crop Rotation." *Progressive Forage*. **20**(9):14-15.

Parsons, J., Hewlett, J. and Tranel, J. 2020. "Risk Management Strategies: What to Include." *RightRisk News*, Vol. 8, Issue 9. RightRisk Education Team. Laramie, WY.

Tranel, J., Hewlett, J. and Parsons, J. 2020. "What is a Trust? Why Would I Want One?" *RightRisk News*, Vol. 8, Issue 8. RightRisk Education Team. Laramie, WY.

Parsons, J., D. Redfearn, M. Drewnoski, and R. Tigner. 2020. Estimating a fair value for standing forage. *CropWatch* Electronic Newsletter, University of Nebraska-Lincoln (July 31, 2020). <https://cropwatch.unl.edu/2020/estimating-fair-value-standing-forage>.

Parsons, J., D. Redfearn, M. Drewnoski, and R. Tigner. 2020. "Estimating a Fair Value for Standing Forage." University of Nebraska-Lincoln, *Cornhusker Economics*, July 29, 2020.

Tranel, J., Hewlett, J. and Parsons, J. 2020. "Estate Succession: What are Your Goals?" *RightRisk News*, Vol. 8, Issue 7. RightRisk Education Team. Laramie, WY.

Van Tassell, L., Parsons, J. and McClure, G. 2020. "Farm and Ranch Enterprise Budgets: Return to What?" University of Nebraska-Lincoln, *Cornhusker Economics*, June 24, 2020.

Parsons, J., Hewlett, J. and Tranel, J. 2020. "Utilizing Annual Forage Crops in Rotations." *RightRisk News*, Vol. 8, Issue 6. RightRisk Education Team. Laramie, WY.

Parsons, J. 2020. "Cattle and the Coronavirus Food Assistance Program (CFAP) Payments." *UNL BeefWatch*, June 1, 2020. University of Nebraska-Lincoln. Lincoln, NE.

Hewlett, J., Parsons, J. and Tranel, J. 2020. "Risk Management in Agriculture under COVID-19." *RightRisk News*, Vol. 8, Issue 5. RightRisk Education Team. Laramie, WY.

Tranel, J., Hewlett, J. and Parsons, J. 2020. "How Might the CARES Act Impact You?" *RightRisk News*, Vol. 8, Issue 4. RightRisk Education Team. Laramie, WY.

Parsons, J., Hewlett, J. and Tranel, J. 2020. "Risk Intuition." *RightRisk News*, Vol. 8, Issue 3. RightRisk Education Team. Laramie, WY.

Tranel, J., Hewlett, J. and Parsons, J. 2020. "Management Succession." *RightRisk News*, Vol. 8, Issue 2. RightRisk Education Team. Laramie, WY.

Hewlett, J., Parsons, J., and Tranel, J. E. 2020. "Defining your ag legacy." *Progressive Forage*, **20**(2):10-11.

Parsons, J. 2020. "Insurance tools protect producers' bottom lines." *Nebraska Farmer*, **162**(2):48-49 (February).

Parsons, J., Hewlett, J. and Tranel, J. 2020. "The Importance of Effective Risk Communication." *RightRisk News*, Vol. 8, Issue 1. RightRisk Education Team. Laramie, WY.

Parsons, J., Tranel, J., and Hewlett, J. 2020. "Cody and Janet Explore LRP Insurance." RightRisk Risk Management Profile #RMP20200113001. January, 2020.

Tranel, J., Parsons, J., and Hewlett, J. 2020. "The Morgan Family: A Successful Transition Plan." RightRisk Risk Management Profile #RMP20200108001. January, 2020.

Parsons, J. and McClure, G. 2020. "New Cow-Calf Budgets Available for Nebraska." *UNL BeefWatch*, January 1, 2020. University of Nebraska-Lincoln. Lincoln, NE.
<https://beef.unl.edu/beefwatch/2020/new-cow-calf-budgets-available-nebraska>.

Klopfenstein, T., Parsons, J., Drewnoski, M., MacDonald, J. and Watson, A. 2020. "Economics of Yearling Systems." *2020 Nebraska Beef Cattle Report*, pp. 31-34.

Parsons, J., R. Redfearn, and M. Drewnoski. 2019. "Ag Lenders Panel Provides Insight into Beef Systems Initiative." *Center for Grassland Studies Newsletter*, Vol. 25, Issue 4. University of Nebraska-Lincoln.

McClure, G. and Parsons, J. 2019. "Representative Economic Budgets for Nebraska Cow Herds." University of Nebraska-Lincoln, *Cornhusker Economics*, December 18, 2019.
<https://agecon.unl.edu/cornhusker-economics/2019/nebraska-cow-herd-budgets.pdf>.

Parsons, J., Hewlett, J. and Tranel, J. 2019. "Evaluating Risk Management Strategies." *RightRisk News*, Vol. 7, Issue 12. RightRisk Education Team. Laramie, WY.

Hewlett, J.P., M. Thorne, J. Parsons, and J. Tranel. "Evaluating the Potential Benefits of a FreeChoice Mineral Supplementation Program." RightRisk Technical Guide #TG-19-12018. December 2019.

Hewlett, J.P., M. Thorne, J. Parsons, and J. Tranel. "Evaluating the Potential Benefits of Adopting a Commercial Mineral Mix Supplementation Program." RightRisk Technical Guide #TG-19-12013. December 2019.

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SOFTWARE DEVELOPED

Dr. Parsons has considerable software development experience including primary responsibility for the development of the RightRisk Ag Survivor simulations, both in the stand-alone Windows format for workshop presentations and in web-format employing Microsoft .Net technology. He has developed an integrated ranch model for the Western Center for Integrated Resource Management at Colorado State University using STELLA, a systems modeling software. He is also the developer of a livestock data collection and management software called SheepScan[®]. Dr. Parsons has developed multi-criteria decision support programs for agriculture land use decisions, for the personal computer manufacturing industry, for the automobile manufacturing industry, and for the wheat variety selection decision. His most recent software tools involve decision-making under uncertainty for agricultural operations including the Enterprise Risk Analyzer tool, the Risk Scenario Planning tool, and the Machine Risk Calculator tool.

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WORKSHOP PRESENTATIONS (since 2006)

Hewlett, J.P. and J. Parsons. “Ag Survivor – Strategies for Managing Risks in Your Operation.” A pre-conference workshop for the Purdue University Center for Commercial Agriculture Top Farmer Conference. Beck Ag Center. West Lafayette, IA. January 9, 2020. Attendance: 72. Contact: 4 hours.

Parsons, J., Jansen, J., and Walz, T. Managing Cattle and Forage Production Risk: Protecting Profits in Uncertain Times Workshop. Broken Bow, NE. December 9, 2019. Attendance: 26. Contact: 3 hours.

Parsons, J., Jansen, J., and Saner, R. Managing Cattle and Forage Production Risk: Protecting Profits in Uncertain Times Workshop. Arthur, NE. November 7, 2019. Attendance: 26. Contact: 3 hours.

Parsons, J., Jansen, J., Dennis, E., and Berger, A. Managing Cattle and Forage Production Risk: Protecting Profits in Uncertain Times Workshop. Sidney, NE. November 6, 2019. Attendance: 9. Contact: 3 hours.

Parsons, J., Jansen, J., Dennis, E., and Arterburn, J. Managing Cattle and Forage Production Risk: Protecting Profits in Uncertain Times Workshop. Chadron, NE. November 5, 2019. Attendance: 45. Contact: 3 hours.

Parsons, J., D. Redfearn, and R. Rasby. UNL Beef Systems Initiative/FFAR Lenders Advisory Panel focus group meeting. Online. July 25, 2019. Attendance: 8. Contact: 1.5 hours.

Drewnoski, M., J. Parsons, D. Redfearn, G. McClure, A. Berger, J. Arterburn, K. Jenkins, and M. Stephenson. UNL Beef Systems Initiative Panhandle Producer Advisory Group meeting. Scottsbluff, NE. August 30, 2018. Attendance: 13. Contact: 5 hours.

Drewnoski, M., J. Parsons, D. Redfearn, G. McClure, T. Walz, R. Saner, and R. Tigner. UNL Beef Systems Initiative North Central Producer Advisory Group meeting. Broken Bow, NE. August 28, 2018. Attendance: 8. Contact: 5 hours.

Drewnoski, M., J. Parsons, D. Redfearn, G. McClure, A. Labrorie, B. Schick, T. Whitney, and R. Tigner. UNL Beef Systems Initiative South Central Producer Advisory Group meeting. Holdrege, NE. August 27, 2018. Attendance: 6. Contact: 5 hours.

Drewnoski, M., J. Parsons, D. Redfearn, G. McClure, L. Howard, and S. Niemeyer. UNL Beef Systems Initiative North East Producer Advisory Group meeting. Norfolk, NE. August 23, 2018. Attendance: 8. Contact: 5 hours.

Parsons, J., J. Jansen, and M. Woolsoncroft. "Cattle Risk Management: Protecting Profits in Uncertain Times Workshop." Fullerton, NE. August 13, 2018. Attendance: 10. Contact: 3 hours.

Drewnoski, M., J. Parsons, D. Redfearn, J. MacDonald, G. McClure, A. Deurfeldt, and K. Ulmer. UNL Beef Systems Initiative South East Producer Advisory Group meeting. Lincoln, NE. July 6, 2018. Attendance: 8. Contact: 5 hours.

Parsons, J., J. Jansen, and T. Walz. "Cattle Risk Management: Protecting Profits in Uncertain Times Workshop." Broken Bow, NE. July 2, 2018. Attendance: 30. Contact: 3 hours.

Parsons, J., J. Jansen, B. Beckman. "Managing Risk for Cattle Producers Workshop." Randolph, NE. June 13, 2018. Attendance: 3. Contact: 3.5 hours.

Parsons, J., J. Jansen, and J. Stott. "Managing Risk for Cattle Producers Workshop." Ainsworth, NE. May 22, 2018. Attendance: 2. Contact: 3.5 hours.

Parsons, J., J. Jansen, R. Tigner. "Managing Risk for Cattle Producers Workshop." McCook, NE. September 18, 2017. Attendance: 8.

Parsons, J. and J. Jansen. "Managing Risk for Cattle Producers Workshop." Fairfield, NE. June 13, 2017. Attendance: 18.

Parsons, J., J. Jansen, and J. Jenkins. "Managing Risk for Cattle Producers Workshop." Valentine, NE. February 3, 2017. Attendance: 4.

Parsons, J., J. Jansen, and B. Johnston. "Managing Risk for Cattle Producers Workshop." Mullen, NE. February 2, 2017. Attendance: 3.

Jansen, J. and J. Parsons, J. "Managing Risk for Cattle Producers Workshop." Norfolk, NE. November 2, 2016. Attendance: 4.

Jansen, J., J. Parsons, and G. Stauffer. "Managing Risk for Cattle Producers Workshop." O'Neill, NE. November 1, 2016. Attendance: 8.

Jansen, J., J. Parsons and A. Berger. "Managing Risk for Cattle Producers Workshop." Bridgeport, NE. October 4, 2016. Attendance: 29.

Jansen, J., J. Parsons and S. Tonn. "Managing Risk in a Volatile Cattle Market Workshop." Ithaca, NE. September 20, 2016. Attendance: 52.

Parsons, J. and J. Groskopf. "Managing Market Risk: Protecting Profits in a Volatile Cattle Market." Three-hour Nebraska Extension workshop. Rushville, NE. August 23, 2016. Attendance: 10.

Parsons, J., K. Brooks and J. Jansen. "Managing Market Risk: Protecting Profits in a Volatile Cattle Market." Four-hour workshop. Columbus, NE. February 24, 2016. Attendance: 7.

Parsons, J., K. Brooks and J. Jansen. "Managing Market Risk: Protecting Profits in a Volatile Cattle Market." Four-hour workshop. O'Neill, NE. February 19, 2016. Attendance: 12.

Parsons, J., K. Brooks and J. Jansen. "Managing Market Risk: Protecting Profits in a Volatile Cattle Market." Four-hour workshop. Bloomfield, NE. February 18, 2016. Attendance: 10.

Parsons, J., K. Brooks and J. Jansen. “Managing Market Risk: Protecting Profits in a Volatile Cattle Market.” Six-hour workshop. Scottsbluff, NE. June 30, 2015. Attendance: 7.

Parsons, J., K. Brooks and J. Jansen. “Managing Market Risk: Protecting Profits in a Volatile Cattle Market.” Six-hour workshop. O’Neill, NE. June 18, 2015. Attendance: 9.

Parsons, J., K. Brooks and J. Jansen. “Managing Market Risk: Protecting Profits in a Volatile Cattle Market.” Six-hour workshop. Aten, NE. June 17, 2015. Attendance: 10.

Parsons, J. and J. Hewlett. “Drought risk management & tools to evaluate your strategy.” A four-hour workshop presented in cooperation with the Aneth Navajo Chapter House, Custom Ag Solutions, and the USDA Risk Management Agency. Aneth, UT. August 8, 2014. Attendance: 7.

Hewlett, J. and J. Parsons. “Dairy Risk Management.” A two-hour afternoon practice workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Rohnert Park, CA. July 10, 2014. Attendance: 6.

Hewlett, J. and J. Parsons. “Dairy Risk Management.” A three-and-a-half-hour morning workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Rohnert Park, CA. July 10, 2014. Attendance: 9.

Hewlett, J. and J. Parsons. “Dairy Risk Management.” A two-hour afternoon practice workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Merced, CA. May 29, 2014. Attendance: 6.

Hewlett, J. and J. Parsons. “Dairy Risk Management.” A three-and-a-half-hour morning workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Merced, CA. May 29, 2014. Attendance: 10.

Hewlett, J. and J. Parsons. “Dairy Risk Management.” A two-hour afternoon practice workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Chino, CA. May 27, 2014. Attendance: 5.

Hewlett, J. and J. Parsons. “Dairy Risk Management.” A three-and-a-half-hour morning workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Chino, CA. May 27, 2014. Attendance: 5.

Hewlett, John and Jay Parsons. “Estimating cost of production & tools for risk assessment.” A one-and-a-half-hour workshop presented in cooperation with Oregon State University Klamath Basin Research and Extension Center and the USDA Risk Management Agency. Klamath Falls, OR. April 3, 2014. Attendance: 5.

Hewlett, John and Jay Parsons. “Estimating cost of production & tools for risk assessment.” A two-hour workshop presented in cooperation with Oregon State University Klamath Basin Research and Extension Center and the USDA Risk Management Agency. Klamath Falls, OR. April 3, 2014. Attendance: 10.

Hewlett, John and Jay Parsons. “Estimating cost of production & tools for risk assessment.” A five-hour workshop presented in cooperation with Utah State Cooperative Extension, Custom Ag Solutions, and the USDA Risk Management Agency. Richfield, UT. March 20, 2014. Attendance: 3.

Hewlett, John and Jay Parsons. “Estimating cost of production & tools for risk assessment.” A two-and-a-half-hour workshop presented in cooperation with Utah State Cooperative Extension,

Custom Ag Solutions, and the USDA Risk Management Agency. Price, UT. March 19, 2014. Attendance: 15.

Hewlett, John and Jay Parsons. “Estimating cost of production & tools for risk assessment.” A five-hour workshop presented in cooperation with Utah State Cooperative Extension, Custom Ag Solutions, and the USDA Risk Management Agency. Roosevelt, UT. February 25, 2014. Attendance: 21.

Bruegger, Retta, Jay Parsons, and James Pritchett. “Ranch Decision Tools: Ecosystem Services, Profitability, Tradeoffs.” A three hour workshop presented in cooperation with Colorado State University Extension, USDA-NRCS, and the Colorado Agricultural Experiment Station. Kremmling, CO. December 3, 2013. Attendance: 13.

Parsons, Jay. “RightRisk Ag Survivor – King Family Ranch.” A 1.5 hour workshop presented to the ANEQ 478 Beef Systems class. Colorado State University, Fort Collins, CO. November 14, 2013. Attendance: 22.

Hewlett, J. and J. Parsons. “Surviving in Agriculture.” A two-hour afternoon practice workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Watsonville, CA. May 2, 2013. Attendance: 6.

Hewlett, J. and J. Parsons. “Surviving in Agriculture.” A three-and-a-half-hour morning workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Watsonville, CA. May 2, 2013. Attendance: 11.

Hewlett, J. and J. Parsons. “Surviving in Agriculture.” A three-and-a-half-hour morning workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Watsonville, CA. May 2, 2013. Attendance: 11.

Hewlett, J. and J. Parsons. “Surviving in Agriculture.” A two-hour afternoon practice workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Chino, CA. April 30, 2013. Attendance: 5.

Hewlett, J. and J. Parsons. “Surviving in Agriculture.” A three-hour morning workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Chino, CA. April 30, 2013. Attendance: 5.

Hewlett, J. and J. Parsons. “Drought risk management & tools to evaluate your strategy.” A five-hour workshop presented in cooperation with the Utah State University Cooperative Extension, Custom Ag Solutions, and the USDA Risk Management Agency. Aneth, UT. April 10, 2013. Attendance: 15.

Hewlett, J. and J. Parsons. “Drought risk management & tools to evaluate your strategy.” A two-hour workshop presented in cooperation with the Utah State University Cooperative Extension, Custom Ag Solutions, and the USDA Risk Management Agency. Monticello, UT. April 9, 2013. Attendance: 13.

Tranel, J., R. Sharp, J. Hewlett, and J. Parsons. “Managing Your Farm Business.” A two-day workshop presented in cooperation with the Alaska Farmland Trust and the USDA Risk Management Agency. Palmer, AK. March 21-22, 2013. Attendance: 32.

Hewlett, J. and J. Parsons. “Practice Using Tools to Evaluate Your Risk Strategies.” A three-hour afternoon workshop presented in cooperation with Oregon State University Extension and the USDA Risk Management Agency. Klamath Falls, OR. March 8, 2013. Attendance: 8.

Hewlett, J. and J. Parsons. “Drought risk management & tools to evaluate your strategy.” A three-hour morning workshop presented in cooperation with Oregon State University Extension and the USDA Risk Management Agency. Klamath Falls, OR. March 8, 2013. Attendance: 13.

Hewlett, J. and J. Parsons. “Practice Using Tools to Evaluate Your Risk Strategies.” A two-hour evening workshop presented in cooperation with Oregon State University Extension and the USDA Risk Management Agency. Redmond, OR. March 6, 2013. Attendance: 5.

Hewlett, J. and J. Parsons. “Drought risk management & tools to evaluate your strategy.” A two-and-a-half-hour afternoon workshop presented in cooperation with Oregon State University Extension and the USDA Risk Management Agency. Redmond, OR. March 6, 2013. Attendance: 5.

Parsons, J. and J. Hewlett. “RightRisk Grain Marketing Workshop.” A three-hour workshop presented in cooperation with the Idaho Barley Commission and the USDA Risk Management Agency. Bonners Ferry, ID. January 29, 2013. Attendance: 7.

Parsons, J. and J. Hewlett. “RightRisk Grain Marketing Workshop.” A three-hour workshop presented in cooperation with the Idaho Barley Commission and the USDA Risk Management Agency. Lewiston, ID. January 28, 2013. Attendance: 8.

Parsons, Jay. “Managing Risk in Agriculture.” A three-hour workshop presented during the Niman Ranch Sustainability Short Course. Western Center for Integrated Resource Management at Colorado State University, Fort Collins, CO. January 18, 2013. Attendance: 45.

Parsons, Jay. “RightRisk Ag Survivor – King Family Ranch.” A 1.5 hour workshop presented to the ANEQ 478 Beef Systems class. Colorado State University, Fort Collins, CO. November 8, 2012. Attendance: 30.

Parsons, Jay, John Hewlett, and Tom Stanley. “Reducing Market and Drought Risk.” A three-and-a-half-hour workshop presented in cooperation with Virginia Cooperative Extension and the USDA Risk Management Agency. Orange, VA. November 1, 2012. Attendance: 27.

Parsons, Jay, John Hewlett, and Tom Stanley. “Reducing Market and Drought Risk.” A three-and-a-half-hour workshop presented in cooperation with Virginia Cooperative Extension and the USDA Risk Management Agency. Boyce, VA. October 31, 2012. Attendance: 11.

Hewlett, J. and J. Parsons. “Surviving in Agriculture.” A two-hour afternoon practice workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Santa Paula, CA. September 28, 2012. Attendance: 3.

Hewlett, J. and J. Parsons. “Surviving in Agriculture.” A three-hour morning workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Santa Paula, CA. September 28, 2012. Attendance: 13.

Hewlett, J. and J. Parsons. “Surviving in Agriculture.” A two-hour afternoon practice workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. El Centro, CA. September 26, 2012. Attendance: 6.

Hewlett, J. and J. Parsons. “Surviving in Agriculture.” A three-hour morning workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. El Centro, CA. September 26, 2012. Attendance: 9.

Parsons, Jay, John Hewlett, and Tom Stanley. “Reducing Market and Drought Risk.” A three-and-a-half-hour workshop presented in cooperation with Virginia Cooperative Extension and the USDA Risk Management Agency. Harrisonburg, VA. September 13, 2012. Attendance: 5.

Parsons, Jay, John Hewlett, and Tom Stanley. “Reducing Market and Drought Risk.” A three-and-a-half-hour workshop presented in cooperation with Virginia Cooperative Extension and the USDA Risk Management Agency. Chatham, VA. September 12, 2012. Attendance: 44.

Parsons, Jay, John Hewlett, and Tom Stanley. “Reducing Market and Drought Risk.” A three-and-a-half-hour workshop presented in cooperation with Virginia Cooperative Extension and the USDA Risk Management Agency. Buckingham, VA. September 11, 2012. Attendance: 26.

Parsons, Jay, John Hewlett, and Tom Stanley. “Reducing Market and Drought Risk.” A three-and-a-half-hour workshop presented in cooperation with Virginia Cooperative Extension and the USDA Risk Management Agency. Fairfield, VA. September 10, 2012. Attendance: 22.

Parsons, J. “Building the Business: Planning for Success.” Four-hour workshop presentation in cooperation with Developing Innovations in Navajo Education, Inc. at the Tolani Lake Chapter House in Tolani Lake, AZ. August 24, 2012. Attendance: 12.

Parsons, J. “Building the Business: Planning for Success.” Five-hour workshop presentation in cooperation with Developing Innovations in Navajo Education, Inc. at the Tsidii Toii Chapter House in Birdsprings, AZ. August 23, 2012. Attendance: 15.

Hewlett, J. and J. Parsons. “Surviving in Agriculture.” A two-hour afternoon practice workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Escondido, CA. June 26, 2012. Attendance: 16.

Hewlett, J. and J. Parsons. “Surviving in Agriculture.” A three-hour morning workshop presented in cooperation with the University of California, Custom Ag Solutions, and the USDA Risk Management Agency. Escondido, CA. June 26, 2012. Attendance: 40.

Hewlett, J. and J. Parsons. “Enterprise Feasibility.” A two-hour afternoon workshop presented in cooperation with Oregon State University Extension and the USDA Risk Management Agency. Klamath Falls, OR. March 16, 2012. Attendance: 20.

Hewlett, J. and J. Parsons. “Enterprise Feasibility.” A three-hour morning workshop presented in cooperation with Oregon State University Extension and the USDA Risk Management Agency. Klamath Falls, OR. March 16, 2012. Attendance: 20.

Hewlett, J. and J. Parsons. “Enterprise Feasibility.” A two-hour evening workshop presented in cooperation with Oregon State University Extension and the USDA Risk Management Agency. Redmond, OR. March 13, 2012. Attendance: 16.

Hewlett, J. and J. Parsons. “Enterprise Feasibility.” A two-and-a-half-hour afternoon workshop presented in cooperation with Oregon State University Extension and the USDA Risk Management Agency. Redmond, OR. March 13, 2012. Attendance: 19.

Parsons, J. “Managing Risk on Idaho Grain Farms: A Risk Management Workshop for Idaho Producers.” A five-hour workshop presented in cooperation with the Idaho Barley Commission and the USDA Risk Management Agency. Genesee, ID. February 29, 2012. Attendance: 9.

Parsons, J. “Managing Risk on Idaho Grain Farms: A Risk Management Workshop for Idaho Producers.” A five-hour workshop presented in cooperation with the Idaho Barley Commission and the USDA Risk Management Agency. Greencreek, ID. February 28, 2012. Attendance: 27.

Parsons, J. “Agriculture & Resource Management.” Three-hour workshop sponsored by the Tsidii Toii Chapter, District Five Grazing Committee, and Navajo Nation Traditional Agriculture Outreach at the Tsidii Toii Chapter House in Birdsprings, AZ. January 30, 2012. Attendance: 32.

Parsons, J. “Managing Risk on Idaho Grain Farms: A Risk Management Workshop for Idaho Producers.” A three-and-a-half-hour workshop presented in cooperation with the Idaho Barley Commission and the USDA Risk Management Agency. Soda Springs, ID. January 10, 2012. Attendance: 40.

Parsons, J. “Managing Risk on Idaho Grain Farms: A Risk Management Workshop for Idaho Producers.” A three-and-a-half-hour workshop presented in cooperation with the Idaho Barley Commission and the USDA Risk Management Agency. Rexburg, ID. January 9, 2012. Attendance: 33.

Peel, K. and J. Parsons. “Ranching at the Frontier: Ecosystem Services and Decision Tools.” One day 2011 Nick Petry Workshop presented by the Western Center for Integrated Resource Management at Colorado State University and the National Western Stock Show. Denver, CO. December 2, 2011. Attendance: 81.

Hewlett, J., J. Parsons, and D. Feuz. “T-PALM Paniolo Marketing: Risk-Adjusted Livestock Marketing Strategies.” Full-day workshop presented at Tropical Pasture & Livestock Management Conference. Kahului, Maui, HI. September 19, 2011. Attendance: 20.

Parsons, J. “2011 Tonalea RightRisk Agriculture Workshop.” Three-hour workshop presented on the Navajo Nation in cooperation with DINE, Inc. Tonalea, AZ. August 16, 2011. Attendance: 22.

Parsons, J. and J. Hewlett, “Bring your life jacket – We’re Navigating Risk!” Three-hour webinar workshop presented as part of the Ranching with a Sharp Pencil series of five workshops in cooperation with the University of Nebraska Extension Service and the USDA Risk Management Agency. Thedford, NE. June 16, 2011. Attendance: 4.

Parsons, J., “Give Your Bookkeeper a Raise... Now it’s Your Turn!” Three-hour workshop presented as part of the Ranching with a Sharp Pencil series of five workshops in cooperation with the University of Nebraska Extension Service and the USDA Risk Management Agency. Thedford, NE. June 9, 2011. Attendance: 4.

Hewlett, J. and J. Parsons, “Help Wanted: The *next* Generation of Agricultural Producers.” One-and-a-half-hour workshop presented in cooperation with the Massachusetts Farm Bureau Federation, Custom Ag Solutions, and the USDA Risk Management Agency. Hadley, MA. February 28, 2011. Attendance: 2.

Hewlett, J. and J. Parsons, “Risk Management for Massachusetts Agriculture.” Three-hour workshop presented in cooperation with the Massachusetts Farm Bureau Federation, Custom Ag

Solutions, and the USDA Risk Management Agency. Hadley, MA. February 28, 2011. Attendance: 4.

Stanley, T. and J. Parsons. “Drought Risk Management for Grazing and Haying Operations.” Four-hour workshop presented in cooperation with the Virginia Cooperative Extension, RightRisk, LLC, and the USDA Risk Management Agency. Weyers Cave, VA. August 25, 2010. Attendance: 19.

Parsons, J., A. Tattersall, and R.B. LeValley. “Managing Risk on Colorado Rangeland.” Three-hour workshop presented in cooperation with the Colorado State University Western Center for Integrated Resource Management, USDA Risk Management Agency, Colorado State University Extension, Colorado Wool Growers Association, and the Colorado Cattlemen’s Association. Montrose, CO. July 20, 2010. Attendance: 19.

Parsons, J. “Strategic Risk Management in Agriculture.” Four-hour workshop presented in cooperation with Montana State University and the USDA Risk Management Agency. Stanford, MT. June 22, 2010. Attendance: 10.

Parsons, J. “Strategic Risk Management in Agriculture.” Four-hour workshop presented in cooperation with Montana State University and the USDA Risk Management Agency. Lewistown, MT. June 21, 2010. Attendance: 4.

Hewlett, J. and J. Parsons. “Ag Survivor Train-the-Trainer Session.” Webinar presentation for University of Maryland Cooperative Extension Agents. December 11, 2009. Attendance: 10.

Parsons, J. and J. Hewlett. “Risk Management for Sheep Production.” Four-hour workshop presentation at the 2009 Howard Wyman Sheep Industry Leadership School. Fort Collins, CO. June 29, 2009. Producer Attendance: 31. Total Attendance: 34.

Hewlett, J. and J. Parsons. “RightRisk – An Innovative Risk Management Tool”. Presented at the MACAA – DACAA Annual Meeting & Professional Improvement Conference. Ocean City, MD. June 25, 2009. Attendance: 35.

Parsons, J. and J. Tranel. “RightRisk Workshop”. Invited full day workshop at the Bridging Risk to Opportunity conference hosted by the Western Farm Leadership Council. Regina, SK Canada. March 13, 2009. Producer Attendance: 73. Total attendance: 80.

Parsons, J. and J. Tranel. “Risk Management Simulation for Producers.” Presented at The Marshall Frasier Beef Producers Symposium. Hugo, CO. February 12, 2009. Attendance: 60.

Parsons, J. and D. Hoag. “RightRisk Ag Survivor – Mountain View Farms.” Presented at the University of Idaho Farm Business Management School. Idaho Falls, ID. January 14, 2009. Attendance: 40.

Parsons, J. and D. Hoag. “RightRisk Ag Survivor – Mountain View Farms.” Presented at the University of Idaho Farm Business Management School. Lewiston, ID. January 13, 2009. Attendance: 21.

Parsons, J. “RightRisk Ag Survivor – EWS Farms.” Presented at the Risk Navigator Strategic Risk Management Workshop: 10 Steps to Manage Agricultural Risks. San Diego, CA. November 19, 2008. Attendance: 25.

Parsons, J. and J. Pritchett. "Ag Risks: Marketing Risk & Marketing Plans." Presented at the Risk Navigator Strategic Risk Management Workshop: 10 Steps to Manage Agricultural Risks. San Diego, CA. November 19, 2008. Attendance: 25.

Parsons, J. "Step 5: Identify Management Alternatives." Presented at the Risk Navigator Strategic Risk Management Workshop: 10 Steps to Manage Agricultural Risks. San Diego, CA. November 18, 2008. Attendance: 25.

Hoag, D. and J. Parsons. "RightRisk Ag Survivor – Oasis Ranch with Rainfall Insurance." Weldona, CO. August 13, 2008. Attendance: 8.

Parsons, J. and D. Hoag. "Risk Management Workshop: Managing Rainfall Risk." Kimball, NE. September 11, 2008. Attendance: 3.

Parsons, J. "RightRisk Ag Survivor – EWS Farms." Presented at the Risk Navigator Strategic Risk Management Workshop: 10 Steps to Manage Agricultural Risks. Big Sky, MT. June 24, 2008. Attendance: 30.

Parsons, J. "Production Risk." Presented at the Risk Navigator Strategic Risk Management Workshop: 10 Steps to Manage Agricultural Risks. Big Sky, MT. June 24, 2008. Attendance: 30.

Parsons, J. "Step 5: Identify Management Alternatives." Presented at the Risk Navigator Strategic Risk Management Workshop: 10 Steps to Manage Agricultural Risks. Big Sky, MT. June 23, 2008. Attendance: 30.

Parsons, J. "Risk Management and Insurance Options for Sheep Producers." Craig, CO. March 10, 2008. Attendance: 3.

Parsons, J. "Strategic Risk Management for Sheep Producers." Greeley, CO. March 4, 2008. Attendance: 9.

Parsons, J. "RightRisk Ag Survivor – King Family Ranch." Presented to students at Lincoln Junior High. Fort Collins, CO. February 27, 2008. Attendance: 29.

Parsons, J. "Sheep Owners Workshop on Risk Management and Insurance Plans." Cortez, CO. February 12, 2008. Attendance: 3.

Hoag, D. and J. Parsons. "Drought Monitoring and Insurance." Presented at the 2008 High Plains No-Till Conference. Greeley, CO. February 6, 2008. Attendance: 17.

Parsons, J., D. Hoag, and J. Deering. "RightRisk Ag Survivor – Wheatfields." Presented at the 2008 High Plains No-Till Conference. Greeley, CO. February 6, 2008. Attendance: 17.

Hoag, D. and J. Parsons. "Drought Monitoring and Insurance." Presented at the 2008 High Plains No-Till Conference. Greeley, CO. February 5, 2008. Attendance: 21.

Parsons, J., D. Hoag, and J. Deering. "RightRisk Ag Survivor – Wheatfields." Presented at the 2008 High Plains No-Till Conference. Greeley, CO. February 5, 2008. Attendance: 21.

Parsons, J., R. Sharp, and D. Hoag. "Managing Your Risk through Insurance Workshop." Presented at the 2008 American Sheep Industry/National Lamb Feeders Association Annual Convention. Las Vegas, NV. January 24, 2008. Attendance: 45.

Parsons, J. and D. Hoag. "Ag Survivor Computer Simulation – Mountain View Farms." Presented at the 2007 Farm and Ranch Management Planning and In-Service Meeting for Idaho Extension Agents. Pocatello, ID. December 11, 2007.

Parsons, J. and D. Hoag. "A 10-Step Process for Strategic Risk Management." Presented at the 2007 Farm and Ranch Management Planning and In-Service Meeting for Idaho Extension Agents. Pocatello, ID. December 11, 2007.

Parsons, J. and D. Hoag. "Ag Survivor Computer Simulation – The Lazy U Ranch." Presented at the Montana Wool Growers Association Annual Convention. Billings, MT. December 1, 2007.

Parsons, J. "Insurance and Risk Management." Presented at the Montana Wool Growers Association Annual Convention. Billings, MT. December 1, 2007.

Parsons, J. "Ag Survivor Computer Simulation – The Lazy U Ranch." Presented at the Business Management and Networking Conference for Women in Agriculture. Greeley, CO. October 19, 2007.

Parsons, J. "Ag Survivor and Safety-First with the King Family Ranch Scenario." Presented to the vocational agriculture students at Prairie High School. New Raymer, CO. October 3, 2007.

Parsons, J. "Insurance and Risk Management." Invited two-hour presentation at the Colorado Wool Growers Association Annual Convention. Frisco, CO. July 21, 2007.

Parsons, J. "Ag Survivor Simulation – The Lazy U Ranch." Presented at the Risk Management Conference for Women in Agriculture. Steamboat Springs, CO. June 21, 2007.

Parsons, J. "Ag Survivor – The King Family Ranch Scenario." Presented to the vocational agriculture students at Fort Morgan High School. Fort Morgan, CO. April 26, 2007.

Parsons, J. and A. Sprague. "Implementing Risk Management Strategies on EWS Farms: Maximin and Safety First Strategies." Presented at the Risk Management workshop for Northeastern Junior College Extended Studies. Sterling, CO. March 14, 2007.

Sprague and Parsons, J. "Ag Survivor Simulation: Making Marketing Decisions for EWS Farms." Presented at the Risk Management workshop for Northeastern Junior College Extended Studies. Sterling, CO. March 14, 2007.

Sprague and Parsons, J. "Financial Risk Management." Presented at the Risk Management workshop for Northeastern Junior College Extended Studies. Sterling, CO. March 14, 2007.

Parsons, J. and A. Sprague. "A 10-Step Process for Strategic Risk Management." Presented at the Risk Management workshop for Northeastern Junior College Extended Studies. Sterling, CO. March 14, 2007.

Parsons, J. and D. Hoag. "Ag Survivor – The King Family Ranch Scenario." Presented to the Routt County Cattlewomen's Association. Hayden, CO. March 3, 2007.

Parsons, J. and J. Hewlett. "Ag Survivor (a RightRisk Simulation) – Making Risk Management Decisions on the Wheatfields Farm." Presented at the Managing Risk on Massachusetts Farms workshop. Sturbridge, MA. February 27, 2007.

Parsons, J. "A 10-Step Process for Strategic Risk Management." Presented at the Managing Risk on Massachusetts Farms workshop. Sturbridge, MA. February 27, 2007.

Parsons, J. and A. Sprague. "Ag Survivor – The King Family Ranch Scenario." Presented to the Colorado State University Integrated Resource Management class. Fort Collins, CO. January 17, 2007.

Sprague, A. and J. Parsons. "Ag Survivor – EWS Farms Scenario." Presented to the Colorado State University Integrated Resource Management class. Fort Collins, CO. January 17, 2007.

Parsons, J. "Ag Survivor – The Lazy U Ranch Scenario." Presented to the Colorado State University EA505 Production Economics class. Fort Collins, CO. December 7, 2006.

Parsons, J. "Ag Survivor – The King Family Ranch Scenario." Presented to the Colorado State University EA305 Ag and Resource Enterprise Analysis class. Fort Collins, CO. April 27, 2006.

Parsons, J. and J. Deering. "Ag Survivor – EWS Farms Scenario." Presented at the Colorado Corn Growers Association Board Meeting. Greeley, CO. March 31, 2006.

Parsons, J. and J. Deering. "Ag Survivor – The Wheatfields Scenario." Presented at the Colorado Corn Growers Association Board Meeting. Greeley, CO. March 31, 2006.

Sprague, A., J. Parsons, J. Deering, and D. Kaan. "Ag Survivor – EWS Farms Scenario." Presented at the Colorado Conservation Tillage Association Annual Meeting. Greeley, CO. February 1, 2006.

Parsons, J., J. Jenkins, R. Tronstad, and T. Teegerstrom. "Ag Survivor – The Lazy U Ranch Scenario." Presented at the afternoon session of the American Sheep Industry Annual Convention. Mesa, AZ. January 26, 2006.

Parsons, J., J. Jenkins, R. Tronstad, and T. Teegerstrom. "Ag Survivor – The Lazy U Ranch Scenario." Presented at the morning session of the American Sheep Industry Annual Convention. Mesa, AZ. January 26, 2006.

Parsons, J. and D. Hoag. "Ag Survivor – Bar-B-Q Ranch Scenario." Presented at the Kimball County Extension Center. Kimball, NE. January 12, 2006.

Parsons, J., D. Hoag, J. Jenkins, and J. Hewlett. "Ag Survivor – Bar-B-Q Ranch Scenario." Presented at the West Central Research and Extension Center. North Platte, NE. January 12, 2006.

Parsons, J., D. Hoag, and J. Hewlett. "Introduction to RightRisk." Presented at the West Central Research and Extension Center. North Platte, NE. January 12, 2006.

OTHER PRESENTATIONS (since 2009)

Parsons, Jay and Elliott Dennis. Livestock Marketing. 2020 Nebraska Annie's Project. Online course module including 90 minutes of recorded presentations and a 75 minute live question and answer session. Presentations included: (1) Why do you need a marketing plan?; (2) Cash Markets versus Futures & Options; (3) Livestock Risk Protection (LRP) Insurance; and, (4) Understanding Marketing Outcomes. November 20 – December 3, 2020.

Hewlett, John and Jay Parsons. "Evaluating Risk Management Alternatives via RightRisk Analytics." University of Nebraska-Lincoln Department of Agricultural Economics webinar. November 19, 2020.

Dennis, E. and J. Parsons. "Ownership Retention Decision: Is The Market Willing to Pay?" University of Nebraska-Lincoln Department of Agricultural Economics webinar. Sep. 3, 2020.

Bickett-Weddle, Danelle and Jay Parsons (organizer/moderator). "Protecting the Flock from Highly Contagious Diseases – Resources in the Secure Sheep and Wool Supply Plan." A one-

hour eleven minute live webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. August 4, 2020. Attendance: 159.

Tigner, Robert and Jay Parsons (host/moderator). "Financial Considerations of Forage Purchases." A one-hour webinar presentation by the Department of Agricultural Economics, University of Nebraska-Lincoln. July 23, 2020. Attendance: 12.

Parsons, J. Insurance Tools for Managing Forage Production Risk. University of Nebraska-Lincoln Department of Agricultural Economics webinar. July 2, 2020. Contact time: 1 hour. Attendance: 3.

Robb, James, Katelyn McCulloch and Jay Parsons (organizer/moderator). "Lamb Markets and Managing in These Uncertain Times." A one-hour eight minute live webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. June 16, 2020. Attendance: 140.

Burgett, Rusty and Jay Parsons (organizer/moderator). "Artificial Lamb Rearing: Transitioning from nuisance to potential profit center." A one-hour fifteen minute live webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. March 3, 2020. Attendance: 241.

Parsons, J. "Can We All Be Winners? Learning how to protect your price." The 35th Annual Nebraska Women in Agriculture Conference. Kearney, NE. February 21, 2020.

Hewlett, J.P. and J. Parsons. "Evaluating Risk Alternatives: RightRisk Analytics." A pre-session workshop presentation for the Purdue University Center for Commercial Agriculture Top Farmer Conference. Beck Ag Center. West Lafayette, IA. January 9, 2020.

Parsons, J. and J.P. Hewlett. "Evaluating Risk Strategies." A pre-session workshop presentation for the Purdue University Center for Commercial Agriculture Top Farmer Conference. Beck Ag Center. West Lafayette, IA. January 9, 2020.

Parsons, J. and J.P. Hewlett. "Ag Survivor – Chesapeake Maryland Farm simulation." A pre-session workshop presentation for the Purdue University Center for Commercial Agriculture Top Farmer Conference. Beck Ag Center. West Lafayette, IA. January 9, 2020.

Hewlett, J.P. and J. Parsons. "Introduction to Risk: What is Risk, Risk Tolerance, What Difference Does it Make?" A pre-session workshop presentation for the Purdue University Center for Commercial Agriculture Top Farmer Conference. Beck Ag Center. West Lafayette, IA. January 9, 2020.

Parsons, J. "Options to Manage Production Risk in Forage." Presentation at the Managing Cattle and Forage Production Risk: Protecting Profits in Uncertain Times Workshop. Broken Bow, NE. December 9, 2019.

Parsons, J. "Options to Manage Production Risk in Forage." Presentation at the Managing Cattle and Forage Production Risk: Protecting Profits in Uncertain Times Workshop. Arthur, NE. November 7, 2019.

Parsons, J. "Risk Management Considerations in Ranching." A 90-minute presentation at the 2019 Nebraska Ranch Practicum. Gudmundsen Sandhills Laboratory, Whitman, NE. November 7, 2019.

Parsons, J. “Options to Manage Production Risk in Forage.” Presentation at the Managing Cattle and Forage Production Risk: Protecting Profits in Uncertain Times Workshop. Sidney, NE. November 6, 2019.

Parsons, J. “Options to Manage Production Risk in Forage.” Presentation at the Managing Cattle and Forage Production Risk: Protecting Profits in Uncertain Times Workshop. Chadron, NE. November 5, 2019.

Hewlett, J.P. and J. Parsons. “Livestock Risk Protection (LRP) and Price Risk Management for Hawaii Beef Production.” Selected presentation at the 2019 Fall Workshop Series - Practices for Sustainable Beef Production in Hawai'i. Hawai'i County, HI. October 19, 2019.

Hewlett, J.P. and J. Parsons. “Livestock Risk Protection (LRP) and Price Risk Management for Hawaii Beef Production.” Selected presentation at the 2019 Fall Workshop Series - Practices for Sustainable Beef Production in Hawai'i. Maui County, HI. October 17, 2019.

Hewlett, J.P. and J. Parsons. “Livestock Risk Protection (LRP) and Price Risk Management for Hawaii Beef Production.” Selected presentation at the 2019 Fall Workshop Series - Practices for Sustainable Beef Production in Hawai'i. Kaua'i County, HI. October 15, 2019.

Hewlett, J.P., J. Tranel and J. Parsons. “Understanding Risk in Agriculture.” Webinar presentation featuring speakers John Hewlett and Jay Parsons. Jointly sponsored by the USDA-Risk Management Agency and RightRisk. September 25, 2019.

Lewis, Ron, Tom Boyer, Bill Schultz, Rusty Burgett, C. Kim Chapman and Jay Parsons (organizer/moderator). “Highlights from the Leading Edge Project.” A one-hour fifteen minute live webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. September 24, 2019. Attendance: 100.

Parsons, J. “NC1181 Update: Integrated Production Systems Modeling and Grazing Capacity.” NC1181 Hatch Project Annual Meeting. North Platte, NE. August 15, 2019.

Webster, D. and J. Parsons (organizer/moderator). “How to Start a Family Farm on Limited Acreage.” A one-hour twenty-seven minute live webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. July 30, 2019. Attendance: 162.

Parsons, J. “Managing Forage Production Risk.” University of Nebraska-Lincoln Haskell Agricultural Laboratory Science & Ag Family Field Day, Concord, NE. July 24, 2019. Attendance: 23.

Parsons, J. and J. Jansen. “Farm Management Year 3.” 2019 Nebraska Agriculture Youth Institute, Lincoln, NE. July 12, 2019. Attendance: 216.

Parsons, J. and J. Jansen. “Farm Management Year 2.” 2019 Nebraska Agriculture Youth Institute, Lincoln, NE. July 11, 2019. Attendance: 216.

Parsons, J. and J. Jansen. “Farm Management Year 1.” 2019 Nebraska Agriculture Youth Institute, Lincoln, NE. July 10, 2019. Attendance: 192.

Parsons, J. and J. Jansen. “Farm Management Introduction.” 2019 Nebraska Agriculture Youth Institute, Lincoln, NE. July 9, 2019. Attendance: 192.

Parsons, J. and J. Jansen. "Farm Management Introduction for Counselors." 2019 Nebraska Agriculture Youth Institute, Lincoln, NE. July 8, 2019. Attendance: 21.

Parsons, J. "Introduction to Smart Choices." A 90-minute presentation at the 2019 Nebraska Ranch Practicum. North Platte, NE. June 6, 2019. Attendance: 26.

Neary, M. and J. Parsons. (organizer/moderator). "Preventing and Controlling Footrot in Sheep." A one-hour fifteen minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. June 4, 2019. Attendance: 159.

Surber, L. M. and J. Parsons. (organizer/moderator). "Nuts and Bolts of Wool." A one-hour thirty minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. April 30, 2019. Attendance: 136.

Parsons, J. "Exploring Revenue Protection Options." The 34th Annual Nebraska Women in Agriculture Conference. Kearney, NE. February 22, 2019. Attendance: 26.

Parsons, J. "Smart Choices: Making Good Ranch Decisions." 2018 Nebraska Ranch Practicum. North Platte, NE. January 10, 2019. Attendance: 28.

Knights, M. and J. Parsons. (organizer/moderator). "Approaches to Enhancing Lambing Rate from Out of Season Breeding." A one-hour fifteen minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. December 11, 2018. Attendance: 209.

Hewlett, J.P., J. Parsons, and J. Tranel. Evaluating Risk Strategies. Webinar presentation to accompany online RightRisk education module: Evaluating Risk Strategies. Available at: <http://RightRisk.org> and <http://InsuringSuccess.org>. September 19, 2018.

Taylor, J. B. and J. Parsons. (organizer/moderator). "Getting the Most Out of Your Vaccination Program." A one-hour fifteen minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. September 18, 2018. Attendance: 140.

Redden, R. and J. Parsons. (organizer/moderator). "Seasonality of the US Lamb Industry." A one-hour fifteen minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. August 21, 2018. Attendance: 125.

Parsons, J. "Options to guard against production risk in forage." Presented at the Cattle Risk Management: Protecting Profits in Uncertain Times Workshop. "Cattle Risk Management: Protecting Profits in Uncertain Times Workshop." Fullerton, NE. August 13, 2018. Attendance: 10.

Kimberling, C., Parsons, G. and Parsons, J. (organizer/moderator). "Ram Breeding Soundness." A one-hour fifteen minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. July 24, 2018. Attendance: 114.

Parsons, J. and J. Jansen. "Farm Management Year 3" 2018 Nebraska Agriculture Youth Institute, Lincoln, NE. July 13, 2018. Attendance: 231.

Parsons, J. and J. Jansen. "Farm Management Year 2" 2018 Nebraska Agriculture Youth Institute, Lincoln, NE. July 12, 2018. Attendance: 231.

Parsons, J. and J. Jansen. "Farm Management Year 1" 2018 Nebraska Agriculture Youth Institute, Lincoln, NE. July 11, 2018. Attendance: 231.

Parsons, J. and J. Jansen. "Farm Management Introduction" 2018 Nebraska Agriculture Youth Institute, Lincoln, NE. July 10, 2018. Attendance: 231.

Parsons, J. and J. Jansen. "Farm Management Introduction" 2018 Nebraska Agriculture Youth Institute, Lincoln, NE. July 9, 2018. Attendance: 21.

Parsons, J. "Options to guard against production risk in forage." Presented at the Cattle Risk Management: Protecting Profits in Uncertain Times Workshop. Broken Bow, NE. July 2, 2018. Attendance: 30.

Parsons, J. "Options to guard against production risk in forage." Presented at the Managing Risk for Cattle Producers Workshop. Randolph, NE. June 13, 2018. Attendance: 3.

Parsons, J. Introduction to Smart Choices. A 90-minute presentation at the 2017 Nebraska Ranch Practicum. North Platte, NE. June 6, 2018. Attendance: 37.

Parsons, J. "Options to guard against production risk in forage." Presented at the Managing Risk for Cattle Producers Workshop. Ainsworth, NE. May 22, 2018. Attendance: 2.

Parsons, J. and Tranel, J. (moderator). "Crop Insurance." RightRisk Education Team Webinar. March 8, 2018.

Tranel, J. and Parsons, J. (moderator). "Business Succession & Estate Planning." RightRisk Education Team Webinar. March 7, 2018.

Parsons, J., M. Drewnoski, and D. Redfearn. "Economics of producing forage on cropland." Webinar. February 13, 2018. Attendance: 58.

Parsons, J. 2018. "Smart Choices: Making Good Ranch Decisions." 2017 Nebraska Ranch Practicum. North Platte, NE. January 25, 2018. Attendance: 18.

Hewlett, J.P., J. Parsons and J. Tranel. "Hiring and Keeping Agricultural Workers." Webinar jointly sponsored by the American Sheep Industry Let's Grow program and RightRisk. Posted online at: <http://RightRisk.org>. November 8, 2017. Attendance: 42.

Tranel, J., J. Parsons and J.P. Hewlett. 2017. "Managing Depreciation for Your Farm Business." Webinar jointly sponsored by the American Sheep Industry Let's Grow program and RightRisk. Posted online at: <http://RightRisk.org>. October 11, 2017. Attendance: 88.

Schoenian, Susan and Jay Parsons (organizer/moderator). "Replacement Ewe Selection and Culling of Underperforming Ewes." A one-hour fifteen minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. October 3, 2017. Attendance: 240.

Parsons, J. 2017. Risk Management Tools for Forage and Livestock Producers. McCook, NE. September 18, 2017. Attendance: 8.

Hewlett, J.P., J. Tranel and J. Parsons. 2017. "Enterprise Risk Analysis." Webinar jointly sponsored by the USDA-Risk Management Agency and RightRisk. Posted online at: <http://RightRisk.org>. August 29, 2017.

Burke, Joan M. and Jay Parsons (organizer/moderator). "Selection for Parasite Resistance." A one-hour thirty minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. August 22, 2017. Attendance: 262.

Parsons, J. 2017. "NC1181 Update: Precipitation Risk Management Programs." NC1181 Hatch Project Annual Meeting. Clay Center, NE. August 15, 2017. Attendance: 14.

Parsons, J. and J. Jansen. "Farm Management Year 3" 2017 Nebraska Agriculture Youth Institute, Lincoln, NE. July 15, 2017. Attendance: 207.

Parsons, J. and J. Jansen. "Farm Management Year 2" 2017 Nebraska Agriculture Youth Institute, Lincoln, NE. July 13, 2017. Attendance: 207.

Parsons, J. and J. Jansen. "Farm Management Year 1" 2017 Nebraska Agriculture Youth Institute, Lincoln, NE. July 12, 2017. Attendance: 207.

Parsons, J. and J. Jansen. "Farm Management Introduction" 2017 Nebraska Agriculture Youth Institute, Lincoln, NE. July 11, 2017. Attendance: 207.

Parsons, J. and J. Jansen. "Farm Management Introduction" 2017 Nebraska Agriculture Youth Institute, Lincoln, NE. July 10, 2017. Attendance: 21.

Parsons, J. 2017. "Annual Forage Insurance Plan for Precipitation." Webinar recording. June, 2017. University of Nebraska-Lincoln. Lincoln, NE. <http://beef.unl.edu/annual-forage-insurance-plan-precipitation>.

Parsons, J. 2017. Risk Management Tools for Forage and Livestock Producers. Fairfield, NE. June 13, 2017. Attendance: 18.

Parsons, J. 2017. Introduction to Smart Choices. A two-hour presentation at the 2017 Nebraska Ranch Practicum. North Platte, NE. June 6, 2017. Attendance: 21.

Hoffman, Travis and Jay Parsons (organizer/moderator). "Lamb Meat Quality." A one-hour thirty minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. April 25, 2017. Attendance: 217.

Thomas, David L. and Jay Parsons (organizer/moderator). "Is Sheep Milk Production in Your Future?" A one-hour fifteen minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. March 14, 2017. Attendance: 135.

Parsons, J. "Options to guard against production risk in forage." Presented at the West Central Cattlemen's Day Managing for Profit Workshop. North Platte, NE. February 9, 2017. Attendance: 23.

Parsons, J. "Options to guard against production risk in forage." Presented at the Managing Risk for Cattle Producers Workshop. Valentine, NE. February 3, 2017. Attendance: 4.

Parsons, J. "Options to guard against production risk in forage." Presented at the Managing Risk for Cattle Producers Workshop. Mullen, NE. February 2, 2017. Attendance: 3.

Parsons, J. Supporting the beef cattle industry through a team approach. Presented at the University of Nebraska-Lincoln Department of Agricultural Economics Advisory Board Meeting. Lincoln, NE. January 12, 2017.

Parsons, J. "Smart Choices: Making Good Ranch Decisions." 2016 Nebraska Ranch Practicum. North Platte, NE. January 11, 2017. Attendance: 37.

Parsons, J. "A Systems Approach to Production." 2016 Nebraska Ranch Practicum. Gudmundson Sandhills Laboratory. January 10, 2017. Attendance: 37.

Parsons, J. "Setting the stage: Pondering tomorrow's key farm and ranch management decisions." "Smart Choices: Making good decisions in a challenging environment." Market Journal Roadshow Cornhusker Economics Outlook. Lincoln, NE. December 2, 2016. Attendance: 50.

Parsons, J. "Setting the stage: Pondering tomorrow's key farm and ranch management decisions." "Smart Choices: Making good decisions in a challenging environment." Market Journal Roadshow Cornhusker Economics Outlook. Norfolk, NE. December 1, 2016. Attendance: 27.

Parsons, J. "Setting the stage: Pondering tomorrow's key farm and ranch management decisions." "Smart Choices: Making good decisions in a challenging environment." Market Journal Roadshow Cornhusker Economics Outlook. Sidney, NE. November 29, 2016. Attendance: 30.

Parsons, J. "Setting the stage: Pondering tomorrow's key farm and ranch management decisions." "Smart Choices: Making good decisions in a challenging environment." Market Journal Roadshow Cornhusker Economics Outlook. Kearney, NE. November 28, 2016. Attendance: 28.

Parsons, J. "Options to guard against production risk in forage." Presented at the Managing Risk for Cattle Producers Workshop. Norfolk, NE. November 2, 2016.

Parsons, J. "Building marketing plans: Protecting profits in a volatile cattle market." Presented at the Managing Risk for Cattle Producers Workshop. Norfolk, NE. November 2, 2016.

Parsons, J. "Options to guard against production risk in forage." Presented at the Managing Risk for Cattle Producers Workshop. O'Neill, NE. November 1, 2016.

Parsons, J. "Building marketing plans: Protecting profits in a volatile cattle market." Presented at the Managing Risk for Cattle Producers Workshop. O'Neill, NE. November 1, 2016.

Kenyon, P. and J. Parsons (organizer/moderator). 2016. Improving Reproductive Performance of Ewe Lambs Bred at 8 Months of Age. A one-hour fifteen minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. October 11, 2016. Attendance: 185.

Parsons, J. "Options to guard against production risk in forage." Presented at the Managing Risk for Cattle Producers Workshop. Bridgeport, NE. October 4, 2016.

Parsons, J. "Building Marketing Plans: Protecting Profits in a Volatile Cattle Market." Presented at the Managing Risk in a Volatile Cattle Market Workshop. Ithaca, NE. September 20, 2016.

Parsons, J. Developing lease agreements for cover crop grazing. Presented at the Cover Crop/Soil Health Nebraska Extension Field Day. Johnson, NE. September 7, 2016.

Redden, R. and J. Parsons (organizer/moderator). Best practices to increase your lamb crop. A one-hour fifteen minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. August 30, 2016. Attendance: 170.

Parsons, J. Developing lease agreements for cover crop grazing. Presented at the Double Duty Cover Crops: Improving Soil While Producing Forage Nebraska Extension Field Day. Boelus, NE. August 25, 2016. Attendance: 80.

Morrical, D. and J. Parsons (organizer/moderator). "Refining Our Nutrition Program to Meet the Mineral and Vitamin Needs of Our Sheep Flocks." A one-hour fifteen minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. July 19, 2016. Attendance: 142.

Parsons, J., R. Wilson and J. Jansen. "Farm Management Year 3" 2016 Nebraska Agriculture Youth Institute, Lincoln, NE. July 15, 2016. Attendance: 184.

Parsons, J., R. Wilson and J. Jansen. "Farm Management Year 2" 2016 Nebraska Agriculture Youth Institute, Lincoln, NE. July 14, 2016. Attendance: 184.

Parsons, J., R. Wilson and J. Jansen. "Farm Management Year 1" 2016 Nebraska Agriculture Youth Institute, Lincoln, NE. July 13, 2016. Attendance: 184.

Parsons, J., R. Wilson and J. Jansen. "Farm Management Introduction" 2016 Nebraska Agriculture Youth Institute, Lincoln, NE. July 12, 2016. Attendance: 184.

Parsons, J., R. Wilson and J. Jansen. "Farm Management Introduction" 2016 Nebraska Agriculture Youth Institute, Lincoln, NE. July 11, 2016. Attendance: 23.

Parsons, J. "Risk Management and Quality Decisions." Columbus Ag Committee of the Chamber of Commerce Meeting. Columbus, NE. June 23, 2016. Attendance: 17.

Parsons, J. "Introduction to Decision Making." 2016 Nebraska Ranch Practicum. North Platte, NE. June 8, 2016. Attendance: 37.

Parsons, J. "Ranch Planning for Success." 53rd Annual Nebraska Youth Range Camp. Halsey, NE. June 7, 2016. Attendance: 47.

Lewis, R. and J. Parsons (organizer/moderator). "A journey: the opportunities and challenges of melding genomics into U.S. Sheep Breeding Programs." A one-hour fifteen minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. May 24, 2016. Attendance: 83.

Lane, W., D. Ollila and J. Parsons (organizer/moderator). "Producer Groups: What Are These About, How Do They Work, And Why Can They Be So Successful." A one-hour fifteen minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. March 29, 2016. Attendance: 112.

Parsons, J. "Smart Choices: Making Good Ranch Decisions." 2015 Nebraska Ranch Practicum. North Platte, NE. January 6, 2016. Attendance: 29.

Parsons, J. "A Systems Approach to Production." 2015 Nebraska Ranch Practicum. Gudmundson Sandhills Laboratory. January 5, 2016. Attendance: 29.

Walters, C., K. Brooks and J. Parsons. "Focus on Farm Finances: Decision-making in an Uncertain World." University of Nebraska-Lincoln Department of Agricultural Economics Webinar. December 21, 2015. Attendance: 6.

Parsons, J. "Risk Management: Protecting and Creating Value." Cornhusker Economics Outlook meeting. Wayne, NE. November 24, 2015. Attendance: 14.

Parsons, J. "Risk Management: Protecting and Creating Value." Cornhusker Economics Outlook meeting. Nebraska City, NE. November 23, 2015. Attendance: 34.

Parsons, J. "Risk Management: Protecting and Creating Value." Cornhusker Economics Outlook meeting. Kearney, NE. November 19, 2015. Attendance: 35.

Parsons, J. "Risk Management: Protecting and Creating Value." Cornhusker Economics Outlook meeting. McCook, NE. November 19, 2015. Attendance: 6.

Parsons, J. "Risk Management: Protecting and Creating Value." Cornhusker Economics Outlook meeting. Bridgeport, NE. November 18, 2015. Attendance: 15.

Parsons, J. "Risk Management: Protecting and Creating Value." Cornhusker Economics Outlook meeting. York, NE. November 17, 2015. Attendance: 20.

Van Saun, Robert and Jay Parsons (organizer/moderator). "Dietary Supplements: A Necessity or Folly?" A one-hour twenty minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. September 22, 2015. Attendance: 106.

Parsons, J. "Practical Applications to Decision Making." 2015 Nebraska Ranch Practicum. Gudmundson Sandhills Laboratory. September 9, 2015. Attendance: 36.

Notter, David and Jay Parsons (organizer/moderator). "Using EBVs to Achieve Your Breeding Goals." A one-hour twenty minute webinar presentation in cooperation with the American Sheep Industry Association and the Let's Grow Committee. August 25, 2015. Attendance: 148.

Hewlett, J. and J. Parsons. "Risk Management Tools and Hands on Computer Clinic." 2015 Pitahaya Festival/Field Day. University of California Cooperative Extension. Irvine, CA. August 22, 2015. Attendance: 120.

Parsons, J. "Does it Pay to Hand-Pollinate Pitahayas? Using Risk Planning Tools to Assess the Cost/Benefits." 2015 Pitahaya Production Seminar. University of California Cooperative Extension. San Marcos, CA. August 21, 2015. Attendance: 85.

Parsons, J. 2015. "Risk Management Programs." NC1181 Hatch Project Annual Meeting. Kearney, NE. August 13, 2015. Attendance: 15.

Parsons, J., R. Wilson and M. Vandever. "Farm Management Game" 2015 Nebraska Agriculture Youth Institute, Lincoln, NE. July 6-10, 2015. Attendance: 210.

Ehrhardt, Richard and Jay Parsons (organizer/moderator). "Optimizing Reproductive Efficiency in Sheep Production with Strategic Nutritional Management." A one-hour twenty minute webinar presentation in cooperation with the American Sheep Industry Association and the Rebuild the Sheep Inventory Committee. June 23, 2015. Attendance: 109.

Parsons, J. "Introduction to Decision Making." 2015 Nebraska Ranch Practicum, North Platte, NE. June 10, 2015. Attendance: 35.

Parsons, J. "Ranch Planning for Success. 52nd Annual Nebraska Youth Range Camp. Halsey, NE. June 8, 2015. Attendance: 35.

Johnson Smith, Kay and Jay Parsons (organizer/moderator). "Farm Security and Crisis Management: Dos and Don'ts in Hiring." A one-hour twenty minute webinar presentation in

cooperation with the American Sheep Industry Association and the Rebuild the Sheep Inventory Committee. April 13, 2015. Attendance: 39.

Tranel, J., J. Parsons, J. Hewlett, and R. Sharp. "Record Keeping and Income Taxes." Thirty minute RightRisk Webinar in cooperation with the USDA Risk Management Agency. April 1, 2015.

Parsons, J., J. Tranel, J. Hewlett, and R. Sharp. "Crop Insurance." Thirty minute RightRisk Webinar in cooperation with the USDA Risk Management Agency. March 31, 2015.

Sharp, R., J. Tranel, J. Hewlett, and J. Parsons. "Benchmarking in Agriculture." Thirty minute RightRisk Webinar in cooperation with the USDA Risk Management Agency. March 30, 2015.

Tranel, J., J. Hewlett, J. Parsons, and R. Sharp. "2014 Farm Bill Update." One hour RightRisk Webinar in cooperation with the University of Alaska-Fairbanks Cooperative Extension and the USDA Farm Service Agency. March 11, 2015. Attendance: 15.

Parsons, J. "Managing Risks Associated with New or Specialty Crop Production." California Small Farms Conference. University of California Cooperative Extension. Irvine, CA. March 8, 2015. Attendance: 40.

Ehrhardt, Richard and Jay Parsons (organizer/moderator). "Accelerated lamb production: an opportunity to build markets and increase production efficiency." A one-hour twenty minute webinar presentation in cooperation with the American Sheep Industry Association and the Rebuild the Sheep Inventory Committee. September 23, 2014. Attendance: 150.

Morrison, Dan and Jay Parsons (organizer/moderator). "Understanding Sheep Nutrition." A one-and-a-quarter-hour webinar presentation in cooperation with the American Sheep Industry Association and the Rebuild the Sheep Inventory Committee. August 26, 2014. Attendance: 180.

Parsons, J. "Livestock Risk Protection (LRP) and Price Risk Management." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Aneth, UT. August 8, 2014. Attendance: 7.

Parsons, J. "Overview of Risk and Risk Management." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Aneth, UT. August 8, 2014. Attendance: 7.

Parsons, J. and J. Hewlett. "Use risk management tools to manage your risks. Practice comparing alternative strategies for your farm." Presentation at the afternoon Dairy Risk Management workshop. Rohnert Park, CA. July 10, 2014. Attendance: 6.

Parsons, J. "Farm Bill Dairy Margin Program and LGM for Dairy." Presentation at the morning Dairy Risk Management workshop. Rohnert Park, CA. July 10, 2014. Attendance: 9.

Parsons, J. and J. Hewlett. "Hands-on Practice Session Using Risk Management Tools: Manage your Risks by Selecting and Comparing Risk Management Strategies." Hands-on practice session at the Drought and Perennial Crops: Risk Management Implications for Southern California workshop. Escondido, CA. July 8, 2014. Attendance: 25.

Parsons, J. "Tools to Evaluate your Risk Management Strategies." Presentation at the Drought and Perennial Crops: Risk Management Implications for Southern California workshop. Escondido, CA. July 8, 2014. Attendance: 70.

Parsons, J. and J. Hewlett. "Use risk management tools to manage your risks. Practice comparing alternative strategies for your farm." Presentation at the afternoon Dairy Risk Management workshop. Merced, CA. May 29, 2014. Attendance: 6.

Parsons, J. "Farm Bill Dairy Margin Program and LGM for Dairy." Presentation at the morning Dairy Risk Management workshop. Merced, CA. May 29, 2014. Attendance: 10.

Parsons, J. and J. Hewlett. "Use risk management tools to manage your risks. Practice comparing alternative strategies for your farm." Presentation at the afternoon Dairy Risk Management workshop. Chino, CA. May 27, 2014. Attendance: 5.

Parsons, J. "Farm Bill Dairy Margin Program and LGM for Dairy." Presentation at the morning Dairy Risk Management workshop. Chino, CA. May 27, 2014. Attendance: 5.

Lane, Woody and Jay Parsons (organizer/moderator). "Managing Your Pastures Better: Management Intensive Grazing 101." A one-and-a-quarter-hour webinar presentation in cooperation with the American Sheep Industry Association and the Rebuild the Sheep Inventory Committee. April 22, 2014. Attendance: 135.

Parsons, Jay. "Tools to Evaluate Risk for Your Enterprises & Entire Farm." Presented at the "Estimating cost of production & tools for risk assessment" workshop. Klamath Falls, OR. April 3, 2014. Attendance: 5.

Parsons, Jay. "Tools to Evaluate Risk for Your Enterprises & Entire Farm." Presented at the "Estimating cost of production & tools for risk assessment" workshop. Richfield, UT. March 20, 2014. Attendance: 3.

Parsons, Jay. "Tools to Manage Market Risk for Utah Cattle Producers." Presented at the "Estimating cost of production & tools for risk assessment" workshop. Price, UT. March 19, 2014. Attendance: 15.

Parsons, Jay and John Hewlett. "Will My Enterprises Help Me Get To Where I Want To Go?" A one-and-a-half hour presentation and workshop presented at the Living on a Few Acres Conference. Redmond, OR. March 15, 2014. Attendance: 3.

Hewlett, John and Jay Parsons. "Should I Add A New Enterprise?" Presented at the Living on a Few Acres Conference. Redmond, OR. March 15, 2014. Attendance: 3.

Parsons, Jay. "Tools to Evaluate Risk for Your Enterprises & Entire Farm: Partial Budgets, the Enterprise Risk Analyzer, and More." Presented at the "Estimating cost of production & tools for risk assessment" workshop. Roosevelt, UT. February 25, 2014. Attendance: 21.

Tranel, Jeff, Jay Parsons, John Hewlett, and Rod Sharp. "Managing Risk on Your Farm: 6 Steps to Effective Risk Management." Webinar presentation. February 20, 2014.

Redden, Reid and Jay Parsons (organizer/moderator). "Profitable Genetic Selection: How the National Sheep Improvement Program Can Help the US Sheep and Goat Industry." A one-and-a-quarter-hour webinar presentation in cooperation with the American Sheep Industry Association and the Rebuild the Sheep Inventory Committee. December 17, 2013. Attendance: 113.

Berg, Philip, Mike Caskey, and Jay Parsons (organizer/moderator). "Reducing Labor at Lambing Time." A one-and-a-quarter-hour webinar presentation in cooperation with the American Sheep

Industry Association and the Rebuild the Sheep Inventory Committee. October 8, 2013. Attendance: 146.

Irlbeck, Nancy and Jay Parsons (organizer/moderator). “Feeding and Producing Sheep for Maximum Fiber Production – Is It Realistic?” A one-and-a-quarter-hour webinar presentation in cooperation with the American Sheep Industry Association and the Rebuild the Sheep Inventory Committee. September 10, 2013. Attendance: 53.

Hewlett, John and Jay Parsons. “Using RightRisk Tools for Ranch Management.” Presentation at the University of Hawaii-Manoa Cooperative Extension Service Stockman’s Fall Field Day 2013. Mealani Experiment Station, Kamuela, HI. August 31, 2013. Attendance: 16.

Parsons, Jay and John Hewlett. “Ag Risk Part II: Understanding USDA’s Livestock Risk Protection (LRP) Insurance Program.” Presentation at the University of Hawaii-Manoa Cooperative Extension Service Stockman’s Fall Field Day 2013. Mealani Experiment Station, Kamuela, HI. August 30, 2013. Attendance: 42.

Hewlett, John and Jay Parsons. “Ag Risk Part I: Tools for Managing Risk for Hawaii Ranchers.” Presentation at the University of Hawaii-Manoa Cooperative Extension Service Stockman’s Fall Field Day 2013. Mealani Experiment Station, Kamuela, HI. August 30, 2013. Attendance: 42.

Getz, Will, Thomas Terrill, and Jay Parsons (organizer/moderator). “A New Approach to Parasite Management in Sheep.” A one-and-a-half-hour webinar presentation in cooperation with the American Sheep Industry Association and the Rebuild the Sheep Inventory Committee. August 27, 2013. Attendance: 86.

Hewlett, J. and J. Parsons. “Financial Health & Enterprise Risk Analysis.” Presentation at the afternoon Surviving in Agriculture workshop. Watsonville, CA. May 2, 2013. Attendance: 6.

Hewlett, J. and J. Parsons. “Strategic Risk Management: Calculate your tolerance for risk.” Presentation at the morning Surviving in Agriculture workshop. Watsonville, CA. May 2, 2013. Attendance: 11.

Parsons, J. and J. Hewlett. “Ag Risk 5: Sources of Risk and Tools for Managing It and Thriving in Today’s Agriculture.” Presentation at the morning Surviving in Agriculture workshop. Watsonville, CA. May 2, 2013. Attendance: 11.

Hewlett, J. and J. Parsons. “Financial Health & Enterprise Risk Analysis.” Presentation at the afternoon Surviving in Agriculture workshop. Chino, CA. April 30, 2013. Attendance: 5.

Parsons, J. and J. Hewlett. “Livestock Gross Margin Insurance: Production Risk Management for Dairy Producers.” Presentation at the morning Surviving in Agriculture workshop. Chino, CA. April 30, 2013. Attendance: 5.

Hewlett, J. and J. Parsons. “Strategic Risk Management: Calculate your tolerance for risk.” Presentation at the morning Surviving in Agriculture workshop. Chino, CA. April 30, 2013. Attendance: 5.

Parsons, J. and J. Hewlett. “Ag Risk 5: Sources of Risk and Tools for Managing It and Thriving in Today’s Agriculture.” Presentation at the morning Surviving in Agriculture workshop. Chino, CA. April 30, 2013. Attendance: 5.

Hewlett, J. and J. Parsons. "Tools to Evaluate Strategies: Partial Budgets, the Enterprise Risk Analyzer, and More." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Aneth, UT. April 10, 2013. Attendance: 13.

Hewlett, J. and J. Parsons. "Pasture, Rangeland, Forage (PRF) and Forage Risk Management." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Aneth, UT. April 10, 2013. Attendance: 7.

Parsons, J. and J. Hewlett. "Livestock Risk Protection (LRP) and Price Risk Management." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Aneth, UT. April 10, 2013. Attendance: 6.

Hewlett, J. and J. Parsons. "Overview of Risk and the Human Dimension of Risk Management." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Aneth, UT. April 10, 2013. Attendance: 6.

Hewlett, J. and J. Parsons. "Tools to Evaluate Strategies: Partial Budgets, the Enterprise Risk Analyzer, and More." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Monticello, UT. April 9, 2013. Attendance: 13.

Hewlett, J. and J. Parsons. "Pasture, Rangeland, Forage (PRF) and Forage Risk Management." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Monticello, UT. April 9, 2013. Attendance: 13.

Parsons, J. and J. Hewlett. "Livestock Risk Protection (LRP) and Price Risk Management." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Monticello, UT. April 9, 2013. Attendance: 13.

Parsons, Jay. "Conservation Easements." Presentation at the Managing Your Farm Business Workshop." Palmer, AK. March 22, 2013. Attendance: 22.

Parsons, Jay. "Managing Your Farm Business Workshop Day 1 Wrap-up." Presentation at the Managing Your Farm Business Workshop." Palmer, AK. March 21, 2013. Attendance: 24.

Parsons, Jay. "Introduction to the Strategic Risk Management Process." Presentation at the Managing Your Farm Business Workshop." Palmer, AK. March 21, 2013. Attendance: 24.

Parsons, Jay. "Sources of Risk in Agriculture and Personal Risk Preferences." Presentation at the Managing Your Farm Business Workshop." Palmer, AK. March 21, 2013. Attendance: 32.

Hewlett, J. and J. Parsons. "Introduction to tools to Evaluate Your Risk Management Strategies." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Klamath Falls, OR. March 8, 2013. Attendance: 13.

Hewlett, J. and J. Parsons. "Pasture, Rangeland, Forage (PRF) and Forage Risk Management." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Klamath Falls, OR. March 8, 2013. Attendance: 13.

Parsons, J. and J. Hewlett. "Livestock Risk Protection (LRP) and Price Risk Management." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Klamath Falls, OR. March 8, 2013. Attendance: 13.

Hewlett, J. and J. Parsons. "Overview of Risk and the Human Dimension of Risk Management." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Klamath Falls, OR. March 8, 2013. Attendance: 13.

Hewlett, J. and J. Parsons. "Introduction to tools to Evaluate Your Risk Management Strategies." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Redmond, OR. March 6, 2013. Attendance: 5.

Hewlett, J. and J. Parsons. "Pasture, Rangeland, Forage (PRF) and Forage Risk Management." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Redmond, OR. March 6, 2013. Attendance: 5.

Parsons, J. and J. Hewlett. "Livestock Risk Protection (LRP) and Price Risk Management." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Redmond, OR. March 6, 2013. Attendance: 5.

Hewlett, J. and J. Parsons. "Overview of Risk and the Human Dimension of Risk Management." Presentation at the Drought risk management & tools to evaluate your strategy workshop. Redmond, OR. March 6, 2013. Attendance: 5.

Parsons, J. "Drought Risk Management: Tools and Strategies for Utah Livestock Operators." A one-and-a-half hour presentation at the Ranchers & Farmers: Ranching in a Time of Uncertainty Part 2 workshop in cooperation with the Utah State University Extension Service. Roosevelt, UT. February 28, 2013. Attendance: 33.

Hewlett, J. and J. Parsons. "Idaho Insurance Options." Presentation at the RightRisk Grain Marketing Workshop. Bonners Ferry, ID. January 29, 2013. Attendance: 7.

Hewlett, J. and J. Parsons. "Strategic Risk Management in Agriculture." Presentation at the RightRisk Grain Marketing Workshop. Bonners Ferry, ID. January 29, 2013. Attendance: 7.

Parsons, J. and J. Hewlett. "Ranking Risk Management Options on Mountain View Farms." Presentation at the RightRisk Grain Marketing Workshop. Bonners Ferry, ID. January 29, 2013. Attendance: 7.

Parsons, J. and J. Hewlett. "Making Risk Management Decisions on Mountain View Farms." Presentation at the RightRisk Grain Marketing Workshop. Bonners Ferry, ID. January 29, 2013. Attendance: 7.

Hewlett, J. and J. Parsons. "Idaho Insurance Options." Presentation at the RightRisk Grain Marketing Workshop. Lewiston, ID. January 28, 2013. Attendance: 8.

Hewlett, J. and J. Parsons. "Strategic Risk Management in Agriculture." Presentation at the RightRisk Grain Marketing Workshop. Lewiston, ID. January 28, 2013. Attendance: 8.

Parsons, J. and J. Hewlett. "Ranking Risk Management Options on Mountain View Farms." Presentation at the RightRisk Grain Marketing Workshop. Lewiston, ID. January 28, 2013. Attendance: 8.

Parsons, J. and J. Hewlett. "Making Risk Management Decisions on Mountain View Farms." Presentation at the RightRisk Grain Marketing Workshop. Lewiston, ID. January 28, 2013. Attendance: 8.

Parsons, Jay. “Webinars of 2012 to Support Mentor Program and Let’s Grow Campaign.” Invited presentation to the Let’s Grow Committee at the 2013 American Sheep Industry Annual Convention. San Antonio, TX. January 24, 2013.

Parsons, Jay. “LRP & PRF: Insurance Tools for Livestock Producers.” Presented during the *Managing Risk in Agriculture* workshop during the Niman Ranch Sustainability Short Course. Western Center for Integrated Resource Management at Colorado State University, Fort Collins, CO. January 18, 2013. Attendance: 45.

Parsons, Jay. “Introduction to Risk Management in Agriculture.” Presented during the *Managing Risk in Agriculture* workshop during the Niman Ranch Sustainability Short Course. Western Center for Integrated Resource Management at Colorado State University, Fort Collins, CO. January 18, 2013. Attendance: 45.

Bowdrige, Scott and Jay Parsons (organizer/moderator). “Looking Towards the Future of Parasite Management through “Host-Colored” Glasses.” A one-and-a-quarter-hour webinar presentation in cooperation with the American Sheep Industry Association and the National Sheep Industry Improvement Center. December 11, 2012. Attendance: 91.

Parsons, Jay with panelists Skye Krebs, Eric Harlow, Jennifer Tucker, and Cody Halligan. “Capitalizing on the Mutual Benefits of a Mentoring Relationship.” A one-and-a-quarter-hour webinar presentation in cooperation with the American Sheep Industry Association and the National Sheep Industry Improvement Center. November 13, 2012. Attendance: 24.

Parsons, Jay. “Introduction to Risk Management in Agriculture.” Guest lecture in ANEQ 478 Beef Systems. Colorado State University, Fort Collins, CO. November 8, 2012. Attendance: 30.

Parsons, Jay and John Hewlett. “Farm Simulation: Practice Making Risk Management Decisions.” Presentation at the Reducing Market and Drought Risk workshop. Orange, VA. November 1, 2012. Attendance: 27.

Hewlett, John P., Jay Parsons, and Tom Stanley. “Managing Drought Risk Using Rainfall Index – Pasture, Rangeland, Forage Insurance.” Presentation at the Reducing Market and Drought Risk workshop. Orange, VA. November 1, 2012. Attendance: 27.

Parsons, Jay and John Hewlett. “Livestock Risk Protection (LRP) for Virginia Feeder Cattle Producers.” Presentation at the Reducing Market and Drought Risk workshop. Orange, VA. November 1, 2012. Attendance: 27.

Hewlett, John P., Jay Parsons, and Tom Stanley. “RISK, the AG Risk-5, and Risk Management.” Presentation at the Reducing Market and Drought Risk workshop. Orange, VA. November 1, 2012. Attendance: 27.

Parsons, Jay and John Hewlett. “Farm Simulation: Practice Making Risk Management Decisions.” Presentation to the pre-Veterinary Medicine class at Buffalo Gap High School. Swoope, VA. November 1, 2012. Attendance: 8.

Hewlett, John P., Jay Parsons, and Tom Stanley. “RISK, the AG Risk-5, and Risk Management.” Presentation to the pre-Veterinary Medicine class at Buffalo Gap High School. Swoope, VA. November 1, 2012. Attendance: 8.

Parsons, Jay and John Hewlett. "Farm Simulation: Practice Making Risk Management Decisions." Presentation to the Forestry class at Buffalo Gap High School. Swoope, VA. November 1, 2012. Attendance: 15.

Hewlett, John P., Jay Parsons, and Tom Stanley. "RISK, the AG Risk-5, and Risk Management." Presentation to the Forestry class at Buffalo Gap High School. Swoope, VA. November 1, 2012. Attendance: 15.

Parsons, Jay and John Hewlett. "Farm Simulation: Practice Making Risk Management Decisions." Presentation at the Reducing Market and Drought Risk workshop. Boyce, VA. October 31, 2012. Attendance: 11.

Hewlett, John P., Jay Parsons, and Tom Stanley. "Managing Drought Risk Using Rainfall Index – Pasture, Rangeland, Forage Insurance." Presentation at the Reducing Market and Drought Risk workshop. Boyce, VA. October 31, 2012. Attendance: 11.

Parsons, Jay and John Hewlett. "Livestock Risk Protection (LRP) for Virginia Feeder Cattle Producers." Presentation at the Reducing Market and Drought Risk workshop. Boyce, VA. October 31, 2012. Attendance: 11.

Hewlett, John P., Jay Parsons, and Tom Stanley. "RISK, the AG Risk-5, and Risk Management." Presentation at the Reducing Market and Drought Risk workshop. Boyce, VA. October 31, 2012. Attendance: 11.

Hewlett, J. and J. Parsons. "Risk Management without Losing the Farm: Ag Survivor Big Horn Basin Farms Simulation." Santa Paula, CA. September 28, 2012. Attendance: 13.

Hewlett, J. and J. Parsons. "Strategic Risk Management in Agriculture." Presentation at the morning Surviving in Agriculture workshop. Santa Paula, CA. September 28, 2012. Attendance: 13.

Parsons, J. and J. Hewlett. "Ag Risk 5: Sources and Tools Available for Managing Risk on Farms and Ranches in California." Presentation at the morning Surviving in Agriculture workshop. Santa Paula, CA. September 28, 2012. Attendance: 13.

Hewlett, J. and J. Parsons. "Risk Management without Losing the Farm: Ag Survivor Big Horn Basin Farms Simulation." Presentation at the morning Surviving in Agriculture workshop. El Centro, CA. September 26, 2012. Attendance: 9.

Hewlett, J. and J. Parsons. "Strategic Risk Management in Agriculture." Presentation at the morning Surviving in Agriculture workshop. El Centro, CA. September 26, 2012. Attendance: 9.

Parsons, J. and J. Hewlett. "Ag Risk 5: Sources and Tools Available for Managing Risk on Farms and Ranches in California." Presentation at the morning Surviving in Agriculture workshop. El Centro, CA. September 26, 2012. Attendance: 9.

Parsons, Jay and John Hewlett. "Farm Simulation: Practice Making Risk Management Decisions." Presentation at the Reducing Market and Drought Risk workshop. Harrisonburg, VA. September 13, 2012. Attendance: 5.

Hewlett, John P., Jay Parsons, and Tom Stanley. "Managing Drought Risk Using Rainfall Index – Pasture, Rangeland, Forage Insurance." Presentation at the Reducing Market and Drought Risk workshop. Harrisonburg, VA. September 13, 2012. Attendance: 5.

Parsons, Jay and John Hewlett. “Livestock Risk Protection (LRP) for Virginia Feeder Cattle Producers.” Presentation at the Reducing Market and Drought Risk workshop. Harrisonburg, VA. September 13, 2012. Attendance: 5.

Hewlett, John P., Jay Parsons, and Tom Stanley. “RISK, the AG Risk-5, and Risk Management.” Presentation at the Reducing Market and Drought Risk workshop. Harrisonburg, VA. September 13, 2012. Attendance: 5.

Parsons, Jay and John Hewlett. “Farm Simulation: Practice Making Risk Management Decisions.” Presentation at the Reducing Market and Drought Risk workshop. Chatham, VA. September 12, 2012. Attendance: 44.

Hewlett, John P., Jay Parsons, and Tom Stanley. “Managing Drought Risk Using Rainfall Index – Pasture, Rangeland, Forage Insurance.” Presentation at the Reducing Market and Drought Risk workshop. Chatham, VA. September 12, 2012. Attendance: 44.

Parsons, Jay and John Hewlett. “Livestock Risk Protection (LRP) for Virginia Feeder Cattle Producers.” Presentation at the Reducing Market and Drought Risk workshop. Chatham, VA. September 12, 2012. Attendance: 44.

Hewlett, John P., Jay Parsons, and Tom Stanley. “RISK, the AG Risk-5, and Risk Management.” Presentation at the Reducing Market and Drought Risk workshop. Chatham, VA. September 12, 2012. Attendance: 44.

Parsons, Jay and John Hewlett. “Farm Simulation: Practice Making Risk Management Decisions.” Presentation at the Reducing Market and Drought Risk workshop. Buckingham, VA. September 11, 2012. Attendance: 26.

Hewlett, John P., Jay Parsons, and Tom Stanley. “Managing Drought Risk Using Rainfall Index – Pasture, Rangeland, Forage Insurance.” Presentation at the Reducing Market and Drought Risk workshop. Buckingham, VA. September 11, 2012. Attendance: 26.

Parsons, Jay and John Hewlett. “Livestock Risk Protection (LRP) for Virginia Feeder Cattle Producers.” Presentation at the Reducing Market and Drought Risk workshop. Buckingham, VA. September 11, 2012. Attendance: 26.

Hewlett, John P., Jay Parsons, and Tom Stanley. “RISK, the AG Risk-5, and Risk Management.” Presentation at the Reducing Market and Drought Risk workshop. Buckingham, VA. September 11, 2012. Attendance: 26.

Parsons, Jay and John Hewlett. “Farm Simulation: Practice Making Risk Management Decisions.” Presentation at the Reducing Market and Drought Risk workshop. Fairfield, VA. September 10, 2012. Attendance: 22.

Hewlett, John P., Jay Parsons, and Tom Stanley. “Managing Drought Risk Using Rainfall Index – Pasture, Rangeland, Forage Insurance.” Presentation at the Reducing Market and Drought Risk workshop. Fairfield, VA. September 10, 2012. Attendance: 22.

Parsons, Jay and John Hewlett. “Livestock Risk Protection (LRP) for Virginia Feeder Cattle Producers.” Presentation at the Reducing Market and Drought Risk workshop. Fairfield, VA. September 10, 2012. Attendance: 22.

Hewlett, John P., Jay Parsons, and Tom Stanley. "RISK, the AG Risk-5, and Risk Management." Presentation at the Reducing Market and Drought Risk workshop. Fairfield, VA. September 10, 2012. Attendance: 22.

Kott, Rodney, Lisa Surber, Reid Redden, and Jay Parsons (organizer and moderator). "Proper Feeding of Ewes During Breeding and Pregnancy." A one-and-a-half-hour webinar presentation in cooperation with the American Sheep Industry Association and the National Sheep Industry Improvement Center. August 28, 2012. Attendance: 108.

Parsons, Jay. "Strategic Risk Management and the Risk Navigator Toolbox." Presentation at the 4th Annual Native American Women in Agriculture Conference. Farmington, NM. July 12, 2012. Attendance: 7.

Parsons, J. and R. Sharp. "Risk Management without Betting the Farm: Ag Survivor King Family Ranch Simulation." Presentation at the Colorado Ranching Legacy Program Ranch Practicum #2 presented by the Colorado Cattlemen's Association and Colorado State University. Maxwell Ranch Headquarters, Livermore, CO. June 27, 2012. Attendance: 20.

Parsons, J. "Measuring Your Costs of Production." Presentation at the Colorado Ranching Legacy Program Ranch Practicum #2 presented by the Colorado Cattlemen's Association and Colorado State University. Maxwell Ranch Headquarters, Livermore, CO. June 27, 2012. Attendance: 24.

Hewlett, J. and J. Parsons. "Practice Session." Presentation at the afternoon Surviving in Agriculture workshop. Escondido, CA. June 26, 2012. Attendance: 16.

Hewlett, J. and J. Parsons. "Risk Management without Losing the Farm: Ag Survivor Big Horn Basin Farms Simulation." Presentation at the afternoon Surviving in Agriculture workshop. Escondido, CA. June 26, 2012. Attendance: 16.

Hewlett, J. and J. Parsons. "Strategic Risk Management in Agriculture." Presentation at the morning Surviving in Agriculture workshop. Escondido, CA. June 26, 2012. Attendance: 40.

Parsons, J. and J. Hewlett. "Ag Risk 5: Sources and Tools Available for Managing Risk on Farms and Ranches in California." Presentation at the morning Surviving in Agriculture workshop. Escondido, CA. June 26, 2012. Attendance: 39.

Parsons, J. "Livestock, Rangeland and Policy Issues." Presentation to the USAID/Pakistan Study Tour. Fort Collins, CO. June 19, 2012. Attendance: 14.

Parsons, J. and J. Hewlett. "Practice Using RightRisk Enterprise Analysis Tools." Presentation at the Enterprise Feasibility Workshop. Klamath Falls, OR. March 16, 2012. Attendance: 20.

Hewlett, J. and J. Parsons. "Enterprise Costs & Returns, Breakeven, and Risk." Presentation at the Enterprise Feasibility Workshop. Klamath Falls, OR. March 16, 2012. Attendance: 20.

Hewlett, J. and J. Parsons. "Estimating Machinery Costs." Presentation at the Enterprise Feasibility Workshop. Klamath Falls, OR. March 16, 2012. Attendance: 20.

Parsons, J. and J. Hewlett. "Ag Risk 5: Sources and Tools Available for Managing Risk on Farms and Ranches in Oregon." Presentation at the Enterprise Feasibility Workshop. Klamath Falls, OR. March 16, 2012. Attendance: 20.

Parsons, J. and J. Hewlett. “Practice Using RightRisk Enterprise Analysis Tools.” Presentation at the Enterprise Feasibility Workshop. Redmond, OR. March 13, 2012. Attendance: 16.

Hewlett, J. and J. Parsons. “Enterprise Costs & Returns, Breakeven, and Risk.” Presentation at the Enterprise Feasibility Workshop. Redmond, OR. March 13, 2012. Attendance: 19.

Hewlett, J. and J. Parsons. “Estimating Machinery Costs.” Presentation at the Enterprise Feasibility Workshop. Redmond, OR. March 13, 2012. Attendance: 19.

Parsons, J. and J. Hewlett. “Ag Risk 5: Sources and Tools Available for Managing Risk on Farms and Ranches in Oregon.” Presentation at the Enterprise Feasibility Workshop. Redmond, OR. March 13, 2012. Attendance: 19.

Parsons, J. “Understanding Your Preference for Different Risk Management Options.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Genesee, ID. February 29, 2012. Attendance: 9.

Parsons, J. “The Process of Strategic Risk Management.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Genesee, ID. February 29, 2012. Attendance: 9.

Parsons, J. “Ranking Risk Management Options on Mountain View Farms.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Genesee, ID. February 29, 2012. Attendance: 9.

Parsons, J. “Making Risk Management Decisions on Mountain View Farms.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Genesee, ID. February 29, 2012. Attendance: 9.

Parsons, J. “Understanding Your Preference for Different Risk Management Options.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Greencreek, ID. February 28, 2012. Attendance: 27.

Parsons, J. “The Process of Strategic Risk Management.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Greencreek, ID. February 28, 2012. Attendance: 27.

Parsons, J. “Ranking Risk Management Options on Mountain View Farms.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Greencreek, ID. February 28, 2012. Attendance: 27.

Parsons, J. “Making Risk Management Decisions on Mountain View Farms.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Greencreek, ID. February 28, 2012. Attendance: 27.

Parsons, J. “Sheep Agriculture Opportunities.” Presentation at the Agriculture & Resource Management Workshop at the Tsidii Toii Chapter House in Birdsprings, AZ. January 30, 2012. Attendance: 32.

Parsons, J. “USDA Beginning Farmer Rancher – BFR – Program Application Submitted.” Invited presentation to the Rebuild the Sheep Inventory Committee Meeting at the American Sheep Industry Association Annual Convention. Scottsdale, AZ. January 26, 2012. Attendance: 27.

Parsons, J. “National Sheep Industry Improvement Center – Priority to Support Initiative and Grant Approved to ASI for Mentor Support of New Producers.” Invited presentation to the

Rebuild the Sheep Inventory Committee Meeting at the American Sheep Industry Association Annual Convention. Scottsdale, AZ. January 26, 2012. Attendance: 27.

Parsons, J. “Plants, Wildlife or Cows? Making Choices on the S&T Ranch.” Presentation at the New Tools for Ranch Management Workshop, Meeker, CO. January 11, 2012. Attendance: 20.

Parsons, J. “Plants, Wildlife or Cows? Making Choices on the S&T Ranch.” Presentation at the New Tools for Ranch Management Workshop at the Carpenter Ranch, Hayden, CO. January 11, 2012. Attendance: 22.

Parsons, J. “Understanding Your Preference for Different Risk Management Options.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Soda Springs, ID. January 10, 2012. Attendance: 40.

Parsons, J. “The Process of Strategic Risk Management.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Soda Springs, ID. January 10, 2012. Attendance: 40.

Parsons, J. “Ranking Risk Management Options on Mountain View Farms.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Soda Springs, ID. January 10, 2012. Attendance: 40.

Parsons, J. “Making Risk Management Decisions on Mountain View Farms.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Soda Springs, ID. January 10, 2012. Attendance: 40.

Parsons, J. “Understanding Your Preference for Different Risk Management Options.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Rexburg, ID. January 9, 2012. Attendance: 33.

Parsons, J. “The Process of Strategic Risk Management.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Rexburg, ID. January 9, 2012. Attendance: 33.

Parsons, J. “Ranking Risk Management Options on Mountain View Farms.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Rexburg, ID. January 9, 2012. Attendance: 33.

Parsons, J. “Making Risk Management Decisions on Mountain View Farms.” Presentation at the Managing Risk on Idaho Grain Farms workshop. Rexburg, ID. January 9, 2012. Attendance: 33.

Parsons, J. “Plants, Wildlife or Cows? Making Choices in the S&T Ranch Game.” Presentation at the 2011 Nick Petry Workshop “Ranching at the Frontier: Ecosystem Services and Decision Tools.” Denver, CO. December 2, 2011. Attendance: 81.

Parsons, J. “Plants, Wildlife or Cows? Making Choices on the S&T Ranch.” Presentation at the New Tools for Ranch Management – Understanding Tradeoffs workshop at the 2011 CSU Extension Forum, Fort Collins, CO. November 9, 2011. Attendance: 20.

Parsons, J. “Cost of Production: Concepts and Approach, Estimating Risk-Adjusted Cost of Production, Breakeven Price/Quantity.” Presented at the T-PALM Paniolo Marketing: Risk-Adjusted Livestock Marketing Strategies workshop. Kahului, Maui, HI. September 19, 2011. Attendance: 20.

Parsons, J. “The Influence of Risk: Personal Perspective on Risk, Ranking Threats and Assessing Strategies.” Presented at the T-PALM Paniolo Marketing: Risk-Adjusted Livestock Marketing Strategies workshop. Kahului, Maui, HI. September 19, 2011. Attendance: 20.

Parsons, J. “Animal Disease Traceability and Recordkeeping.” Presentation at the 2011 Tonalea RightRisk Agriculture Workshop, Tonalea, AZ. August 16, 2011. Attendance: 22.

Parsons, J. “Risk Management in Agriculture.” Presentation at the 2011 Tonalea RightRisk Agriculture Workshop, Tonalea, AZ. August 16, 2011. Attendance: 22.

Kimberling, Cleon V., Gerilyn Parsons, and Jay Parsons. “The Udder Difference.” Invited presentation at the Colorado Wool Growers Association Annual Convention. Montrose, CO. July 27, 2011.

Hewlett, John P. and Jay Parsons. “Strategic Risk Management in Agriculture.” Presentation at the Bring your life jacket – We’re Navigating Risk! webinar workshop. Thedford, NE. June 16, 2011. Attendance: 4.

Parsons, J. “Introduction to Budgets: Using Numbers for Ranch Decisions.” Presentation at the Give Your Bookkeeper a Raise... Now it’s Your Turn! workshop. Thedford, NE. June 9, 2011. Attendance: 4.

Parsons, J. “High Plains Ranch: Practice Using Numbers for Ranch Decisions.” Presentation at the Give Your Bookkeeper a Raise... Now it’s Your Turn! workshop. Thedford, NE. June 9, 2011. Attendance: 4.

Parsons, J. “Introduction to Risk Management in Agriculture.” Presentation at the Give Your Bookkeeper a Raise... Now it’s Your Turn! workshop. Thedford, NE. June 9, 2011. Attendance: 4.

Parsons, J. and J. Hewlett. “Help Wanted: The next Generation of Agricultural Producers: Open Forum.” Presentation at Help Wanted: The next Generation of Agricultural Producers workshop. Hadley, MA. February 28, 2011. Attendance: 2.

Parsons, J. and J. Hewlett. “Help Wanted: The next Generation of Agricultural Producers: Opening Session.” Presentation at Help Wanted: The next Generation of Agricultural Producers workshop. Hadley, MA. February 28, 2011. Attendance: 2.

Parsons, J. and J. Hewlett. “Risk Management for Massachusetts Agriculture: Ten Steps for Strategic Risk Management in Agriculture.” Presentation at Risk Management for Massachusetts Agriculture workshop. Hadley, MA. February 28, 2011. Attendance: 4.

Parsons, J. and J. Hewlett. “Risk Management for Massachusetts Agriculture: Introduction to Risk Management in Agriculture.” Presentation at Risk Management for Massachusetts Agriculture workshop. Hadley, MA. February 28, 2011. Attendance: 4.

Parsons, J. “Risk Navigator: Tools for Managing Risk.” Presented at the Farmers and Ranchers Introductory Education Conference for the Navajo Nation Traditional Agricultural Outreach program. Tuba City, AZ. March 5, 2010. Attendance: 40.

Griffith, D., J. Hewlett, and J. Parsons. “Where Do We Want To Go?” Ninety minute webinar presentation as a part of the Western Center for Risk Management Education’s Ag in Uncertain Times webinar series: Operating in Risky Environments. November 18, 2009. Attendance: 50.

SELECTED HONORS AND AWARDS

Epsilon Sigma Phi Regional Team Recognition Award presented to the RightRisk Education Team, November 12, 2005.

Colorado State University Cooperative Extension Team Award presented to the RightRisk Education Team, December 9, 2004.

Epsilon Sigma Phi State Team Award presented to the RightRisk Education Team, Dec. 9, 2004.

PROFESSIONAL AFFILIATIONS

Agricultural and Applied Economics Association (AAEA)

AAEA – Extension Section

Institute for Operations Research and the Management Sciences (INFORMS)

INFORMS Decision Analysis Society

INFORMS Multiple Criteria Decision Making Section

International Farm Management Association

North American Colleges and Teachers of Agriculture

Rocky Mountain Chapter of INFORMS

Society for Decision Professionals

Western Agricultural Economics Association

PROFESSIONAL SERVICE ACTIVITIES

Associate Editor, *Western Economics Forum*. Western Agricultural Economics Association, 2017-present.

Sponsored Session Chair. MCDM in Agriculture. 2020 INFORMS Annual Meeting. Virtual. Selected Presentation reviewer. Agricultural and Applied Economics Association annual meeting. 2020.

Contributed Session Chair. Education I. 2016 INFORMS Annual Meeting. Nashville, TN.

Sponsored Session Chair. Multi-Criteria Decision Making in Agriculture. 2016 INFORMS Annual Meeting. Nashville, TN.

Sponsored Session Chair. MCDM in Agriculture. 2015 INFORMS Annual Meeting. Philadelphia, PA.

Past-President. Rocky Mountain Chapter of INFORMS. 2011 – 2012.

Contributed Session Chair. Topics in Economics. 2011 INFORMS Annual Meeting. Charlotte, NC.

President. Rocky Mountain Chapter of INFORMS. 2010 – 2011.

Colorado Animal ID Working Committee member. 2004 – 2014.

Contributed Session Chair. Decision Support Systems I. 2010 INFORMS Annual Meeting. Austin, TX.

NAIS Sheep Working Committee member. 2004 – 2009.

Contributed Session Chair. Education III. 2009 INFORMS Annual Meeting. San Diego, CA.

MANUSCRIPT REFEREEING (listed as: *Journal*: articles reviewed – year)

Applied Economics Teaching Resources: 1 – 2019;

Crop, Forage, & Turfgrass Management: 5 – 2016; 1 – 2015;

China Agricultural Economic Review: 1 – 2010;
Great Plains Quarterly: 1 – 2017;
International Journal of Agricultural Management: 1 – 2020;
Journal of Agricultural and Applied Economics: 3 – 2020; 1 – 2018; 1 – 2017;
Pastoralism: 1 – 2019;
Western Economics Forum: 3 – 2018, 1 – 2017.

- Editorial Lead: Volume 17, Issue 1 (2019)

GRANT PROPOSAL REVIEWER (listed as: *Program*: proposals reviewed – year)

National Science Foundation: 1 – 2019; 1 – 2018.

TEACHING – UNIVERSITY OF NEBRASKA-LINCOLN

<u>Term</u>	<u>Course No.:Title (credits) – enrollment</u>
2020 Spring	AECN 401/801: Advanced Farm Management and Linear Programming (3) – 71
2019 Spring	AECN 401/801: Advanced Farm Management and Linear Programming (3) – 81
2018 Spring	AECN 401/801: Advanced Farm Management and Linear Programming (3) – 75
2017 Spring	AECN 401/801: Advanced Farm Management and Linear Programming (3) – 82
2016 Spring	AECN 401/801: Advanced Farm Management and Linear Programming (3) – 86
2015 Spring	AECN 401/801: Advanced Farm Management and Linear Programming (3) – 81

SERVICE – UNIVERSITY OF NEBRASKA-LINCOLN

DIRECTED STUDENT LEARNING

Undergraduate

Katelyn Cumming, 2016-17. UCARE. Examining the Capacity for Beef Production in the State of Nebraska. Department of Agricultural Economics.

Graduate

Brian Arisman, 2020-present, Masters committee member, Department of Animal Science.

Jedidiah Hewlett, 2020-present, Masters committee chair. Department of Agricultural Economics.

Ruth Carrie Horazek, 2019-present, Masters committee member, Masters of Applied Science program, College of Agricultural Sciences and Natural Resources.

Maroua Afi, 2019-present, Doctorate committee chair. Department of Agricultural Economics.

Jessica Windh, 2019-present, Doctorate committee chair. Department of Agricultural Economics.

Dmitry Adams, 2019-present, Masters committee member. Department of Agricultural Economics.

Tyler Marotz, 2019-present, Masters committee chair. Masters of Applied Science program, College of Agricultural Sciences and Natural Resources.

Logan Kalkowski, 2019-present, Masters committee chair. Department of Agricultural Economics.

Jiehua Xiong, 2018-present, Doctorate committee member. Department of Animal Science.

Caitlin Coulson, 2018-present, Doctorate committee member. Department of Animal Science.

Zac Carlson, 2017-present, Doctorate committee member. Department of Animal Science.

Elizabeth (Widder) Christenson, 2018-2020, Masters committee member. Evaluating Opportunities for Integrated Crop Livestock Systems in Eastern Nebraska. Department of Agronomy & Horticulture.

Bradley Boyd, 2016-2019, Doctorate committee member. Evaluation of the Addition of Urea to Finishing Diets Containing Distillers Grains and Yeast Extracted Condensed Distillers Solubles on Finishing Performance of Beef Cattle. Department of Animal Science.

Katelyn Cumming, 2017-2019, Masters committee chair. Examining the capacity of Nebraska rangelands for cattle production and evaluating drought management strategies. Department of Agricultural Economics.

Eric Coufal, 2016-2019, Masters committee chair. Modeling and economic analysis of a crop-livestock production system incorporating cereal rye as a forage. Department of Agricultural Economics.

Ashley Conway, 2016-2019, Doctorate committee member. Selective harvest methods and chemical treatment of baled corn residue for utilization in growing calf and dry cow diets. Department of Animal Science.

Allison Hunt, 2019, Masters committee chair. Department of Agricultural Economics.

Fred Henry Hilscher, 2015-2018, Doctorate committee member. Effect of corn silage harvest, hybrid, and concentration on performance in growing and finishing beef cattle. Department of Animal Science.

Cody Welchons, 2014-2017, Doctorate committee member. Performance and economics of supplementing yearlings on smooth brome grass pastures. Department of Animal Science.

STUDENT ORGANIZATIONS

Grazing Livestock Systems Club, 2017-present, Faculty Advisor.

COMMITTEE SERVICE

Department of Agricultural Economics

Undergraduate Committee, member. 2015-present.

Working Environment Committee, member. 2017-2018.

Assessment Committee, chair. 2016-17.

Joint Agribusiness Committee, member. 2014-17.

Assessment Committee, member. 2014-16.

Center for Grassland Studies

Grazing Livestock Systems Faculty Advisory Committee, 2014-present.

2014-16 Recruitment, co-chair

2016-2017 Student Activities, chair

2017-present Student Activities, chair; Grazing Livestock Systems Club advisor

SERVICE TO COLORADO STATE UNIVERSITY CAMPUS

Western Center for Integrated Resource Management

College of Agricultural Sciences

Administrative Positions:

Co-Director of the Western Center for Integrated Resource Management, 2009-2014.

Courses taught: (Course/Instructor evaluations in parentheses)

AGRI 631 Building a Business:

Spring 2014

Spring 2013 (Course: 4.2/5; Instructor: 4.7/5);

Spring 2012 (Course: 4.6/5; Instructor: 4.8/5);

Online: Fall 2013, Fall 2012, Fall 2011, Fall 2010.

AGRI 639 Products to Profits:

Spring 2014

Spring 2013 (Course: 4.1/5; Instructor: 4.5/5)

Spring 2012 (Course: 4.7/5; Instructor: 4.9/5)

Spring 2011 (Course: 4.3/5; Instructor: 4.7/5)

Spring 2010 (Course: 4.4/5; Instructor: 4.6/5)

Spring 2009 (Course: 4.9/5; Instructor: 5.0/5)

Spring 2008 (Course: 4.6/5; Instructor: 4.8/5)

Online: Spring 2014, Fall 2013, Fall 2012, Fall 2011, Fall 2010, Fall 2009.

AGRI 640 Integrated Resource Management Plan:

Spring 2014

Spring 2013

Spring 2012

Spring 2011 (Course: 4.0/5; Instructor: 4.4/5)

Spring 2010 (Course: 4.1/5; Instructor: 4.4/5)

Online: Spring 2014, Fall 2014, Spring 2013, Fall 2012, Spring 2012.

Exams coordinated: 2014 IRM Program Common Final Exam
2013 IRM Program Common Final Exam
2012 IRM Program Common Final Exam

2011 IRM Program Common Final Exam
2010 IRM Program Common Final Exam

Masters of Agriculture Advising Committee Chair:

Brett Hines, graduated Summer 2014
Edward Thomas, graduated Spring 2014
Leigh Presley, graduated Spring 2014
Cody Niehus, graduated Spring 2014
Kurt Thibault, graduated Spring 2013
Christopher Kelly, graduated Spring 2012
Lindsay Miller, graduated Summer 2011
Noah Bates, graduated Summer 2010
Shelby Bollwahn, graduated Summer 2010.

Workshops coordinated:

2013 Nick Petry Workshop. Antibiotics Use in Food Animals. Denver, CO. December 6, 2013.

2011 Nick Petry Workshop. Creating a Lasting Legacy: What Every Rancher Needs to Know About Continuing the Operation. Denver, CO. December 2, 2011.

2010 Nick Petry Workshop. Ranching at the Frontier: Ecosystem Services and Decision Tools. Denver, CO. December 3, 2010.

Managing Risk on Colorado Rangeland: A Risk Management Workshop for Livestock Producers. Montrose, CO. July 20, 2010.

Department of Agricultural and Resource Economics
College of Agricultural Sciences

Courses taught:

AREC 505 Agricultural Production Economics:

Fall 2011 (Course: 4.6/5; Instructor: 4.9/5)
Fall 2010
Fall 2008
Fall 2007 (Course: 4.3/5; Instructor: 4.6/5)
Fall 2006 (Course: 4.0/5; Instructor: 4.3/5)

Graduate Student Advising Committees:

Ryan Mortenson, 2012, Masters committee co-chair. Two essays on the Colorado State University wheat breeding and genetics program.

Katelyn McCulloch, 2010, Masters committee member. Determinants of investment: Sexed semen in dairy cattle.

Becky Goldbach, 2008, Masters committee member. Gender influence on agricultural performance.

Jennifer Lloyd, 2008, Masters committee member. Local foods market assessment and decision tools for small farmers in Colorado.

Jennifer Olinger.

Department of Mathematics
College of Natural Sciences

Positions:

Assistant Professor of Mathematics, 1992-1998.
Graduate Teaching Assistant, 1990-1992.

Administrative Positions:

Associate Director of the Individualized Mathematics Program, 1992-1998.
Assistant Director of the Individualized Mathematics Program, 1991.

Courses taught:

1990-1998: M120 College Algebra I, M121 College Algebra II,
M124 Logarithmic and Exponential Functions, M125 Numerical Trigonometry,
M126 Analytic Trigonometry, and M229 Matrices and Linear Equations.
Fall 1994: M161 Calculus for Physical Scientists II.
Spring 1992: M133 Consumer Mathematics.

Courses coordinated:

1993: M120 College Algebra I and M121 College Algebra II.

Exams coordinated:

Colorado State University Mathematics Placement Exam, 1995-1998.
Individualized Mathematics Program Examinations, 1992-1998.
M120 College Algebra I
M121 College Algebra II
M124 Logarithmic and Exponential Functions
M125 Numerical Trigonometry
M126 Analytic Trigonometry
M229 Matrices and Linear Equations

Curriculum developed:

M120B (alternative) College Algebra I, 1997.

Course guides developed:

M120 College Algebra I, 1996.
M121 College Algebra II, 1996.

OTHER COURSES TAUGHT

University of Wyoming
Department of Agricultural and Applied Economics

Courses taught:

Spring 2003: AGECE 4640 Advanced Farm/Ranch Management.