

## Basic Information

- **Project No. and Title:** WERA72 : Agribusiness Scholarship Emphasizing Competitiveness
- **Period Covered:** 10/01/2019 to 09/30/2020
- **Date of Report:** 08/10/2020
- **Annual Meeting Dates:** 06/03/2020 to 06/04/2020

## Participants

Serhat Asci - Fresno State, Michael Barrowclough - Illinois State University, Jason Bergtold - Kansas State University, Maria Boerngen - Illinois State University, Kate Brooks - University of Nebraska-Lincoln, David Bullock - North Dakota State University, Jennifer Clark - University of Florida, Kynda Curtis - Utah State University, Stephen Davis - Southwest Minnesota State University, David DePatie - University of Florida, Dave Harper - Kirkwood Community College, Aaron Johnson - University of Idaho, Bachir Kassas - University of Florida, Phil Kenkel - Oklahoma State University, Kristin Kiesel - University of California-Davis, Srinu Konduru - Fresno State, Ryan Larsen - Utah State University, Jayson Lusk -Purdue University, Ivory Lyles - University of Nevada, Reno, Grace Melo, Eric Micheels - University of Saskatchewan, Lia Nogueira - University of Nebraska-Lincoln, Luis Pena-Levano - University of Florida, David Ripplinger - North Dakota State University, Amber Roberts - University of Minnesota, Brent Ross - Michigan State University, Aslihan Spaulding - Illinois State University, James Sterns - Oregon State University, Ye Su - University of Nebraska-Kearney, Cheryl Wachenheim - North Dakota State University, Ruby Ward - Utah State University, Tim Woods - University of Kentucky, Kara Zimmerman - University of Nebraska-Lincoln, Na Zuo - University of Arizona,

## Brief Summary of Minutes of Annual Meeting

WERA 72 Business Meeting Minutes

Virtually via Zoom

June 3rd, 2020

Attendees: Kate Brooks, Aslihan D. Spaulding, Jennifer Clark, Eric Micheels, Nz Zuo, Maria Boerngen, Tim Woods, Stephen Davis, Ruby Ward, David Harper, Serhat Asci, Ye Su, Jason Bergtold, Kynda Curtis, Lia Nogueira, Brent Ross, James Sterns, David Bullock, David Ripplinger, Aaron Johnson, Ryan Larson

Meeting was called to order at 1:50 p.m. by Chair Kate Brooks. Attendance done through chat box in Zoom.

Reports:

- 2019 business meeting minutes were emailed prior to the meeting for approval. Jennifer Clark moved to approve as written, Aaron Johnson seconded, approved unanimously.
- Treasurer's report: Scott Downey resigned from treasurer last year. David Ripplinger (past-chair) prepared and read the report. The WERA-fund is housed at Purdue University and has a balance of \$6,771.74. The annual meeting last year had a net gain of \$365.91. Costs have been kept low with the university hosts and something we need to continue to consider. We do have a sizable amount of funds that we can consider using for reduced funds for new faculty or graduate students. Scott Downey has resigned as treasurer, but will stay involved with the group. A new custodian institution is needed for WERA funds.

- President's report: Kate Brooks discussed administrative details that need to be addressed within 90 days:
  - Activity reporting for the previous year: Kate will send an email asking for information to be submitted. This is especially important as we are entering a new phase of the project.
  - Kate discussed the importance of members submitting their Appendix E through the NIMSS System. Currently, WERA-72 only has 4 members listed in the NIMSS System and enrollment needs to be increased in order to continue as a group. Kate will send an email to remind members and provide information on the process of filing an Appendix E.
  - If not receiving emails from WERA-72 (through MailChimp listserv), please let David Ripplinger or Kate know so that you can be added to the list.

Old Business: Kate Brooks – None.

New Business: Kate Brooks

- Elections
  - Treasurer: David Ripplinger has indicated interest in serving as treasurer, Ruby Ward nominated David Ripplinger and Kynda Curtis seconded, with David accepting the nomination. James Sterns proposed by acclamation and it was seconded by Ruby Ward and unanimously voted.
  - Secretary: David Ripplinger nominated Ryan Larson and he accepted. Aaron Johnson moved to cease nominations and proposed acclamation for Ryan Larson and it was seconded by Maria Boergen and unanimously voted.
- 2021 Annual Meeting
  - Potential locations were discussed. Portland, Oregon was cancelled for 2020 and moved virtually due to COVID-19. Discussion that Portland, Oregon location is a university location that allows for lower cost and a western location to encourage western institutions to attend. James Stern discussed advantages and opportunities of activities that could be held during 2021 meeting in Portland. Las Vegas as well as Kansas City was brought up as a potential destination in the future as well. Jason Bergtold moved to choose Portland, Oregon. Kynda Curtis University of Nevada Extension has a facility in Vegas that would also allow for a university facility. Ruby Ward and Kynda Curtis mentioned that Salt Lake City could also be a destination and that Utah State members could help with Vegas, Reno, or Salt Lake City locations. Discussion was to look at the potential for Portland, Oregon in 2021 and confirm dates and availability, with flexibility for alternative locations if needed.
  - James Sterns asked about meeting dates whether it being the first or second week of June. Discussion of WERA-72 meetings overlapping with WERA-72 as well as quarter system schools. Need to watch going too early with overlap with Memorial Day Weekend. No one had a strong indication of dates so will plan based on availability of location.
- Reminders
  - Kate Brooks reminded members of the WERA-72 webinars for the month of June.
  - Jason Bergtold, AETR has a special issue for any innovations or research from the spring semester with more information on website. If you have articles, please submit.

Tim Woods moved to adjourn, Eric Micheels seconded, and the meeting was adjourned at 2:21 p.m.

## Accomplishments

The 2020 annual committee meeting was held virtually this year. Members met and discussed potential collaboration projects within research, Extension and educational programs. A discussion of upcoming grant opportunities as well as continued discussion of agribusiness curricula was discussed during breakout groups.

## Impacts

1. WERA-72 continues a multiyear effort to revisit the role of agribusiness education, research, and Extension. Results from the 2019 annual meeting workshop on agribusiness curriculum were presented at the 2020 annual meeting along with a presentation on potential grants with breakout groups further discussing potential collaboration. a. A collaboration has been formed to develop a survey to further identify agribusiness curriculum with potential publications
2. WERA-72 continues to maintain ways to disseminate information regarding ongoing research, teaching and extension efforts to interested parties. The members regularly use the organization's listserv to communicate timely announcements of job postings, grant opportunities, and calls for paper proposals with an agribusiness focus. The organization's webpage continues to be updated and enhanced and will include past presentations, papers and materials for past and future meetings to continue to provide a repository of past agribusiness scholarship. a. A YouTube channel is being created to house the WERA-72 webinars from 2020.
3. Based on feedback from the annual meetings and the June webinar series, additional monthly webinars discussing teaching, research, and extension activities related to agribusiness have been scheduled.

## Publications

### **Journal Articles:**

Alizadeh, P., H. Mohammadi, N. Shahnoushi, S. Saghaian, and A. Pooya. (2019). "Investigating Factors Affecting Import Demand of Meat and Livestock Inputs in Iran." *Agricultural Economics* (Iran), 13(3):1-28. DOI: 10.22034/IAES.2019.114832.1727.

Asgari, M., S. Saghaian, and M. Reed. (2020). "The Impact of Energy Sector on Overshooting of Agricultural Prices." *American Journal of Agricultural Economics*, 102(2): 589-606. DOI:10.1111/ajae.12035.

Baylis, Kathy, Linlin Fan and **Lia Nogueira**. 2019. "Agricultural Market Liberalization and Household Food Security in Rural China." *American Journal of Agricultural Economics* 101(1):250-269, <https://doi.org/10.1093/ajae/aay031>

Bergtold, J.S., E. Yeager and T.W. Griffin. "Spatial Dynamics in the Classroom: Does Where You Sit Matter?" *Plos One* (2019): <https://doi.org/10.1371/journal.pone.0226953>.

Boerngen, M.A. 2019. Effectiveness of paperless communication from the USDA Farm Service Agency. *Journal of the American Society of Farm Managers and Rural Appraisers* 2019:27-32.

Boerngen, M.A. and E. Hortenstine. 2019. Risk tolerance and cheap talk in the college classroom. *Natural Sciences Education* 48:180022.

Boerngen, M.A. and J.W. Rickard. 2020. Assessment and perception of student farm background in an introductory agriculture course. *Natural Sciences Education* 49:e20013.

Brewer, B., J.S. Bergtold, A.M. Featherstone and C.A. Wilson. "Farmer's Choice of Credit Between the Farm Credit System, Commercial Banks, and Nontraditional Lenders." *Journal of Agricultural and Resource Economics* (2019) 44(2): 362 – 379.

Brown, R., Na Zuo, Jordan Shockley, and Steven Buck, 2019, "An Authentic Learning Approach to Group Assignments: An Analysis of Student Attitudes", *Applied Economics and Teaching Resources*, 1(2): pp1-13.

Brown, R., Na Zuo, Jordan Shockley, and Steven Buck, 2019, "The Project Manager/Private Contractor Approach to Group Assignments", *Applied Economics and Teaching Resources*, 1(2): pp64-73.

Bullock, D.S., M.A. Boerngen, H. Tao, B. Maxwell, J.D. Luck, L. Shiratsuchi, L. Puntel, and N.F. Martin. 2019. The data-intensive farm management project: Changing agronomic research through on-farm precision experimentation. *Agronomy Journal* 111(6):2736-2746.

Chen, B., S. Saghaian, T. Mark. (2019). "Substitute or Complementary: Relationship between U.S. Farmers' Adoption of Organic Farming and Direct Marketing." *British Food Journal*, 122(2):531-546. DOI: 10.1108/BFJ-01-2019-0016

Chen, Qianmiao, Wachenheim, Cheryl, and Zheng, Shi. 2020. Influence of Land Scale, Cooperative Membership and Benefits Information on Unmanned Aerial Vehicle Adoption in China. *Sustainable Futures* 2(100025), <https://doi.org/10.1016/j.sfr.2020.100025>.

Curtis, K., M. Bradshaw, and S. Slocum, (2020). "The Role of Culinary Experiences in Destination Loyalty." *Journal of Gastronomy and Tourism*, 4(2):67-79.

Curtis, K., T. Drugova, and R. Ward, (2020). "Producer Response to Drought Policy in the West." *Journal of Food Distribution Research*, 51(1), 17-25.

Curtis, K., and D. Quarnstrom, (2019). "Untangling the Economic and Social Impediments to Producer Adoption of Organic Wheat." *Journal of Food Distribution Research*, 50(1), 105-113.

Darbandi, E., R. Radmehr, and S. Saghaian. (2020). "The Impact of Consumer Beef Safety Awareness on U.S. Beef Exports." *The International Trade Journal*. DOI: 10.1080/08853908.2020.1742255.

De Laporte, A., and D. Ripplinger. 2019. Economic viability of perennial grass biomass feedstock in northern climates. *Industrial Crops and Products*. 128, 213-220.

Dourandish, A., S. Saghaian, N. Shahnoushi, N. M. Rezazae, and S. Kuhestani. (2020). "The Relation between Property Rights, Farm Size, and Technical Efficiency for the Developing Countries' Agricultural Sector." *Journal of International Development*, DOI: 10.1002/jid.3476.

Drugova, T., K. Curtis, and S. Akhundjanov, (forthcoming). "Organic Wheat Products and Consumer Choice: A Market Segmentation Analysis." *British Food Journal*.

Drugova, T., V. Pozo, K. Curtis, and R. Fortenbury, (2019). "Organic Wheat Prices and Premium Uncertainty: Can Cross Hedging and Forecasting Play a Role?" *Journal of Agriculture and Resource Economics*, 44(3):551-570.

Feuz, R. & R. Larsen. (2020). Even Robots Need a House: The Robotic Milking System Facility Investment Decision Case Study. *Applied Economics Teaching Resources*, 2(1): 32-40.

Giri, A., S. Sharma, K. Loverkamp, I. Tetteh, and J. Tiner. "Examining Agricultural Export Returns from Midwestern States". *International Journal Trade and Global Markets*. Accepted for publication. Vol. 12 No. 3/4, pp. 394-411. August, 2019.

Giri, A., V. Nelson, K. Lovercamp, S. Sharma, and I. Protopop (2017) "Can Nepal Attain Self-Sufficiency in Major Crops Production?" *Journal of Forest and Livelihood* 15(2): 1-12.

Hansen, E. and C. Wachenheim. 2020. Industry Expectations for Beginning Agricultural Lenders. *Agricultural Finance Review* (in press). doi: 10.1108/AFR-07-2019-0081.

Inman, Ruth, Aaron J. Johnson, Clay Dibrell, Rodney B. Holcomb, D. Dwayne Cartmell II, Shelly R. Sitton, and Robert Terry Jr. 2019. "Toward a Scale to Measure How Food Businesses Attain and Maintain Legitimacy." *Journal of Agribusiness* 37(2).

Junxuan Mao, Qianyu Zhu, Cheryl J. Wachenheim and Erik Hanson. 2020. A Credit Scoring Model for Lending Decisions in Rural China. *International Journal of Agricultural Management* (in press).

Kiesel, K., Na Zuo, Zoë T. Plakias, Luis Moises Pena-Levano, Andrew Barkley, Katherine Lacy, Erik Hanson, and Julianne Treme, 2020, "Increasing Student Engagement in a Changing Academic Environment", *Applied Economics and Teaching Resources*, forthcoming.

Kussainova, G.B., S. Saghaian, and M. Reed. (2020). "Innovation Behavior of Agri-Food Small and Medium-Sized Enterprises: The Case of Europe's Emerging Economies." *Journal of International Food and Agribusiness Management Review*, forthcoming.

Marks, B. and M.A. Boerngen. 2019. A farming community's perspective on nutrient loss reduction. *Agricultural & Environmental Letters* 4:190004 (2019).

Mohammed, F., M. Barrowclough, M.L. Kibler, and M.A. Boerngen. 2020. Measuring usage of formal financial services as a proxy of financial inclusion: A case of agricultural households in Ghana. *Agricultural Finance Review* 80(4). doi:10.1108/AFR-09-2019-0096.

Protopop, I. and A. Shanoyan (2016) "Big Data and Smallholder Farmers: Big Data Applications in the Agri-Food Supply Chain in Developing Countries." *International Food and Agribusiness Management Review*. Vol. 19, Issue A, pp. 173-190.

Protopop, I. (2014) "Human Capital Challenges Faced By Foreign Agribusinesses: Comparison of Ghana and South Africa." *Cornhusker Economics*, University of Nebraska- Lincoln Extension.

Qin, Ming, Cheryl Joy Wachenheim, Zhigang Wang, and Shi Zheng. 2019. Factors Affecting Chinese Farmers' Microcredit Participation. *Agricultural Finance Review* 79(1), pp. 48-59. <https://doi.org/10.1108/AFR-12-2017-0111>.

Robinson, Courtney N., Gregory A. Baker, Michael J. Harwood, and Lucy O. Diekmann. Forthcoming. "Food Expenditures and Consumption by Food Bank clients in Silicon Valley." *International Food and Agribusiness Management Review*.

Rodriguez, D.G.P., D.S. Bullock, and M.A. Boerngen. 2019. The origins, implications, and consequences of yield-based nitrogen fertilizer management. *Agronomy Journal*.

Ronaghi, M., M. Reed, and S. Saghaian. (2019). "The Impact of Economic Factors and Governance Index on Greenhouse Gas Emission." *Environmental Economics and Policy Studies*. DOI: 10.1007/s10018-2019-00250-w.

Ronaghi, M., S. Saghaian, M. Kohansal, M. Reed, M. Ghorbani. (2020). "The Effects of Good Governance on the Agricultural Sector." *International Journal of Agriculture and Environmental Research*, 6(1):11-28. DOI: [ijaer.in/view\\_archive2020.php?issue=1](http://ijaer.in/view_archive2020.php?issue=1).

Rossi Scalco, Andrea, Gilberto Ganga, Sandra Oliveira, and Gregory Baker. 2020. "Development and validation of a scale for identification of quality attributes of agri-food products in short chains." *Geoforum*. <https://doi.org/10.1016/j.geoforum.2020.02.012>.

Rossi Scalco, Andréa and Gregory A. Baker. 2019-2020. "[Value capture analysis of small organic growers and their distribution channels in California](#)." *Estudos Sociedade e Agricultura*. Vol. 27, No. 3.

Saghaian, S., H. Aghasafari, M. Aminizadeh, and A. Riahi. (2020). "Factors Influencing Climate-Smart Goods Trade in Some Developing Countries in the Middle East and North Africa Region: An Application of the Spatial Panel Model." *The International Trade Journal*, 34(3):281-296. DOI: 10.1080/08853908.2019.1651234.

Sharma, S., A. Giri, T. Haque, and I. Tetteh (2018) "Land Acquisition in India: A Pareto and Kaldor-Hicks Perspective". *Land*, 7, 66.

Sterns, J. (2019). "Is the Emerging U.S. Hemp Industry Yet Another Boom-Bust Market for U.S. Farmers?". *Choices - A Publication of the Agricultural and Applied Economics Association*, 34(3 (3rd Quarter, 2019)). [Is the Emerging U.S. Hemp Industry Yet Another Boom-Bust Market for U.S. Farmers?](#)

Sterns, J. (2019). "Let's take a moment to celebrate great teaching!". *Applied Economics Teaching Resources -A Publication of the Agricultural and Applied Economics Association*, 1(1), 60-66. [https://www.aaea.org/UserFiles/file/AETR\\_2019\\_002RRManuscriptProofFinal\\_pages\\_v2.pdf](https://www.aaea.org/UserFiles/file/AETR_2019_002RRManuscriptProofFinal_pages_v2.pdf)

Sundstrom, William A., Shelby McIntyre., Gregory A. Baker, and Brian Avants. Forthcoming. Bearers of Bad News: Heterogeneous Effects of Alternative Front-of-Package Labeling Schemes for Nutritional Information. *Journal of Agribusiness*.

Tetteh, I. and M. Boehlje. "An Intergenerational Farm Transfer: When is a Good Time to Start Handing over the Reins?" *International Food and Agribusiness Management Review Journal*. Accepted for publication. Vol. 22 (3), pp. 429-434. April, 2019.

Van Orden, C., B. Willis, R. Bosworth, T. McCarty, R. Larsen, M. Kim. 2020. "Weather Station Locations Are Significant for Drought Insurance." *Choices*. Quarter 1. Available online: <http://www.choicesmagazine.org/choices-magazine/submitted-articles/weather-station-locations-are-significant-for-drought-insurance>

Wachenheim, Cheryl J. 2020. Operational Pause: A Teaching Tip for Administrators and Faculty in Times of Sudden and Unexpected Environmental Change Such as with COVID-19. *NACTA Journal*. May. [https://www.nactateachers.org/images/TeachingTips/2020-0171\\_Operational\\_Pause\\_A\\_Teaching\\_Tip\\_for\\_Administrators\\_and\\_Faculty\\_in\\_Times\\_of\\_Sudden\\_and\\_Unexpected\\_Environmental\\_Change.pdf](https://www.nactateachers.org/images/TeachingTips/2020-0171_Operational_Pause_A_Teaching_Tip_for_Administrators_and_Faculty_in_Times_of_Sudden_and_Unexpected_Environmental_Change.pdf)

Wachenheim, Cheryl J. 2020. Seeking opportunities in the remote learning environment. Teaching Tips. *NACTA Journal*. May. [https://www.nactateachers.org/images/TeachingTips/2020-0170\\_Seeking\\_opportunities\\_in\\_the\\_remote\\_learning\\_environment.pdf](https://www.nactateachers.org/images/TeachingTips/2020-0170_Seeking_opportunities_in_the_remote_learning_environment.pdf)

Wachenheim, Cheryl. 2020. The Ethical Choice: Confronting Ethical Dilemmas with Industry Participants in a Curriculum. *Applied Economics Teaching Resources* 2(1), pp. 26-31. doi: 10.22004/ag.econ.301863

Wachenheim, C., S. Lim, D. Roberts, and J. Devney. 2019. Landowner valuation of a working wetlands program in the Prairie Pothole Region. *Agricultural Economics* 50(4), pp. 465-478. <https://doi.org/10.1111/agec.12503>.

Wilson, Paul N. and Na Zuo, 2019, "Outstanding Seniors: Where Have All the Young Men Gone?" *Applied Economics and Teaching Resources*, 1(2): pp31-42.

Zheng, Shi, Zhigang Wang, and Cheryl Joy Wachenheim. 2019. Technology adoption among farmers in Jilin Province, China: The case of aerial pesticide application. *China Agricultural Economic Review* 11(1), pp. 206-216. <https://doi.org/10.1108/CAER-11-2017-0216>.

Zuo, Na, and Hua Zhong, 2020, "Can Resource Policy Reverse the Resource Curse? Evidence from China", *Resource Policy*, forthcoming.

Zuo, Na, Anna Josephson, and Dan Scheitrum, 2019, "Engaging Students in Global Agriculture: Three Authentic-Learning Classroom Interventions", *NACTA Journal*, 63(1a): 112-120.

Zuo, Na, Jack Schieffer, and Steven Buck, 2019, "The Effect of the Energy Boom on Schooling Decisions in the U.S.", *Resource and Energy Economics*, 55 (2019): pp1-23.

### **Extension and Outreach Publications**

Brooks, K., T. Meyer, E. Thompson, and C. Walters. 2019. "Economic Impacts of the Nebraska Ethanol and Ethanol Co-Products Industry (2015-2017)." University of Nebraska-Lincoln Department of Agricultural Economics White Paper.

Curtis, K., K. Salisbury, and C. Durward, (2019). "Fresh Produce Direct Sales and Pricing." Utah State University Extension Curriculum (PowerPoint Presentations, Bulletins, and Factsheets). Online at: [http://diverseag.org/direct\\_sales\\_pricing](http://diverseag.org/direct_sales_pricing)

Curtis, K., K. Salisbury, V. Pozo, R. Ward, and C. Durward, (2019). "What Determines Produce Pricing in Utah?" USU Extension Fact Sheet, Applied Economics/2019-05pr.

Curtis, K., K. Salisbury, R. Ward, and C. Durward, (2019). "Targeting Farmers' Markets in Utah: Understanding Fresh Produce Pricing." USU Extension Fact Sheet, Applied Economics/2019-03pr.

Curtis, K., E. Rice, S. Slocum, and K. Allen, (2019). "Farm Shops: A Direct-to-Consumer Extended Season Opportunity." USU Extension Fact Sheet, Applied Economics/2019-04pr.

Curtis, K., E. Rice, and D. Quarnstrom, (2019). "Adopting Organic Wheat: Grower Motivations and Concerns." USU Extension Fact Sheet, Applied Economics/2019-01pr.

Curtis, K., E. Rice, and D. Quarnstrom, (2019). "Characteristics of Organic Wheat Growers." USU Extension Fact Sheet, Applied Economics/2019-02pr.

De Laporte, A. and D. Ripplinger. Corn-Alfalfa Intercropping Tool. NDSU Extension. 2019.

Drugova, T., and K. Curtis, (2019). "Does Consumer Knowledge of Organic Production Standards Influence Demand for Organic and Non-GMO Labeled Foods?" USU Extension Fact Sheet, Applied Economics/2019-06pr.

Drugova, T., and K. Curtis, (2019). "Do Consumers Who Prefer Gluten-Free Also Prefer Organic?" USU Extension Fact Sheet, Applied Economics/2019-07pr.

Jansen, J., J. Parsons, and K. Brooks. January 23, 2019. "Trends in Nebraska Agricultural Land Ownership and Rental Patterns." *Cornhusker Economics*: Department of Agricultural Economics, University of Nebraska-Lincoln.

Ripplinger, D., A. Wick. Soil Salinity Economics. February 19, 2019.

Sterns, J. (2020). "Anticipating Changes in Distribution." *Vine to Wine COVID-19 Pandemic Special Issue* – A Publication of the Oregon Wine Research Institute, Oregon State University, May 2020, [https://owri.oregonstate.edu/sites/agscid7/files/owri/20200506\\_owri\\_vtow\\_may2020\\_specialissue.pdf](https://owri.oregonstate.edu/sites/agscid7/files/owri/20200506_owri_vtow_may2020_specialissue.pdf)

Sterns, J. (2020). "Shifting Approaches for Direct-to-Consumer Marketing." *Vine to Wine COVID-19 Pandemic Special Issue* – A Publication of the Oregon Wine Research Institute, Oregon State University, May 2020, [https://owri.oregonstate.edu/sites/agscid7/files/owri/20200506\\_owri\\_vtow\\_may2020\\_specialissue.pdf](https://owri.oregonstate.edu/sites/agscid7/files/owri/20200506_owri_vtow_may2020_specialissue.pdf)

Sterns, J. (2020). "Recalibrating Costs of and Returns to Capital." *Vine to Wine COVID-19 Pandemic Special Issue* – A Publication of the Oregon Wine Research Institute, Oregon State University, May 2020, [https://owri.oregonstate.edu/sites/agscid7/files/owri/20200506\\_owri\\_vtow\\_may2020\\_specialissue.pdf](https://owri.oregonstate.edu/sites/agscid7/files/owri/20200506_owri_vtow_may2020_specialissue.pdf)

Sterns, J. (2020). "Strategic Thinking is Needed Now more than Ever." *Vine to Wine COVID-19 Pandemic Special Issue* – A Publication of the Oregon Wine Research Institute, Oregon State University, May 2020, [https://owri.oregonstate.edu/sites/agscid7/files/owri/20200506\\_owri\\_vtow\\_may2020\\_specialissue.pdf](https://owri.oregonstate.edu/sites/agscid7/files/owri/20200506_owri_vtow_may2020_specialissue.pdf)

Wachenheim, Cheryl J. 2019. Landowner conservation attitudes and behaviors: a focus on the conservation reserve program. Department of Agribusiness and Applied Economics Research Report No. 786. North Dakota State University, Fargo.

Yiannaka, E., S. I. A. Meerza, C. Gustafson, and K. Brooks. October 30, 2019. "Informing the (Willfully) Uninformed." *Cornhusker Economics*: Department of Agricultural Economics, University of Nebraska-Lincoln.

### **Presentations**

Miller, N.J., M. Taylor, J. Tack and J.S. Bergtold. "Forecasting Winter Wheat Basis with Soil Moisture Measurements." Selected paper presented at the NCC-134: Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, MO, April 20-21, 2020.

Sterns, J. A. Author & Presenter, Food Distribution Research Society Annual Meeting, "Block Chain in Agri-Food Supply Chains - Where's the Added Value?," Seattle, WA. National, Accepted. (October 21, 2019).

Sterns, J. A. Presenter, Shively, G. E. Presenter, Howry, S. Presenter, Annual Meeting of the Agricultural and Applied Economics Association (AAEA), "Teaching Tips from AAEA Award Winners," Atlanta, GA. International, Invited. (July 23, 2019).

Sterns, J. A. Author & Presenter, Capalbo, S. M. Author & Presenter, Spring Dinner for the Society of Physicians for Wine and Health, "Can a good bottle of wine sell itself?," Waverley Country Club, Portland, OR. Local, Invited. (May 19, 2019).

Wachenheim, Cheryl. Innovation in teaching in response to the COVID-19 Pandemic. Western Education and Research Activities Committee on Agribusiness (WERA-072), June 23, 2020. Virtual Conference.

Wachenheim, Cheryl. Knowledge retention in agricultural finance. 2020 NACTA Conference, June 16-19, Virtual Conference.

Wachenheim, Cheryl. Culture, Entrepreneurship, and Policy in China. Fargo Garden Society. September 24, 2019.