

Authors	Type
Aboukila, E.F., and J.B. Norton. 2017. Estimation of saturated soil paste salinity from soil-water extracts. <i>Soil Science</i> 182: 107-113. https://www.researchgate.net/profile/Emad_Aboukila/publication/321062065_Assessment_of_Saturated_Soil_Paste_Salinity_from_125_and_15_Soil-Water_Extracts_for_Coarse_Textured_Soils/links/5a0b59030f7e9b0cc02550d8/Assessment-of-Saturated-Soil-Paste-Salinity-from-125-and-15-Soil-Water-Extracts-for-Coarse-Textured-Soils.pdf	Refereed Journal Articles
Adjesiwor, A.T. and Islam, M.A. 2016. Rising nitrogen fertilizer prices and projected increase in maize ethanol production: the future of forage production and the potential of legumes in forage production systems. <i>Grassland Science</i> 62:203-212. doi: 10.1111/grs.12130.	Refereed Journal Articles
Adjesiwor, A.T., Islam, M.A., Zheljazkov, V.D., Ritten, J.P., and Garcia y Garcia, A. 2017. Grass-legume seed mass ratios and nitrogen rates affect forage accumulation, nutritive value, and profitability. <i>Crop Science</i> . 57:1-13. doi: 10.2135/cropsci2016.09.0776.	Refereed Journal Articles
Adkins J, Boehle K, Friend C, Chamberlain B, Bisha B, Henry C. 2016. Colorimetric and Electrochemical Bacteria Detection Using Printed Paper- and Transparency-Based Analytic Devices. <i>Analytical Chemistry</i> . 21;89(6):3613-3621. doi: 10.1021/acs.analchem.6b05009.	Refereed Journal Articles
Agrawal, S., Berggren, K.L., Marks, E., Fox, J.H., Impacts of high-iron intake on cognition and neurodegeneration in humans and in animal models: a systematic review. <i>Nutrition Reviews</i> . doi: 10.1093/nutrit/nux015.	Refereed Journal Articles
Aguirre, H., L.F. de Almeida, and S.R. Shaw. Revision of the genus <i>Centistes</i> (Hymenoptera: Braconidae: Euphorinae: Centistini) of Costa Rica. <i>Zootaxa</i> 4216 (1): 001–046. https://doi.org/10.11646/zootaxa.4216.1.1	Refereed Journal Articles
Aguirre, H., S.R. Shaw, and A. Rodríguez Jiménez. 2017. Contrasting patterns of altitudinal distribution between parasitoid wasps of the subfamilies Braconinae and Doryctinae (Hymenoptera: Braconidae). <i>Insect Conservation and Diversity</i> (2017) doi: 10.1111/icad.12265	Refereed Journal Articles
Alexander BM, Ingold BC, Young JL, Fensterseifer S, Austin KJ, Wechler P, Larson-Meyer DE. Sunlight exposure corrects vitamin D insufficiency in weaned piglets. <i>Domestic Animal Endo</i> 2017; 59(1):37-43. doi: https://doi.org/10.1016/j.domaniend.2016.10.006	Refereed Journal Articles
Andersen, M.A., Alston, J.M., Pardey, P.G., and A. Smith. A secular slowdown in U.S. agricultural productivity growth? <i>American Journal of Agricultural Economics</i> . https://pdfs.semanticscholar.org/a471/3407ac7892851472957e9267fce83bbe3476.pdf	Refereed Journal Articles
Andersen, Matt. Knowledge Productivity and the Returns to Agricultural Research. <i>Agricultural Economics</i> . Doi: https://doi.org/10.1093/ajae/aar044	Refereed Journal Articles

Antimicrobial Resistance Profiles of Escherichia coli from European Starlings (<i>Sturnus vulgaris</i>) Associated with Concentrated Animal Feeding Operations. <i>BMC Veterinary Research</i> (submitted). Doi: https://doi.org/10.1186/1746-6148-2-7	Refereed Journal Articles
Atwater DZ, Kim W, Tekiela DR, Barney JN (2017) Competition and propagule density affect sexual and clonal propagation of a weed. <i>Invasive Plant Science and Management</i> . 10(1) 17-25. https://doi.org/10.1017/inp.2017.4	Refereed Journal Articles
Bastian, C., C. Keske, D. McLeod and D. Hoag. "Landowner and Land Trust Agent Preferences for Conservation Easements: Implications for Sustainable Land Uses and Landscapes." <i>Landscape and Urban Planning</i> . 157(2017): 1-13. Lead article. DOI: 10.1016/j.landurbplan.2016.05.030	Refereed Journal Articles
Beierman, Jenny, Chian Jones-Ritten, Linda Thumstrom, and Mariah Ehmke. 2017. Measuring the Value of Information -- Revealed Preferences for Country of Origin Information. <i>Journal of Behavioral and Experimental Economics</i> . DOI: 10.1016/j.soec.2017.10.002	Refereed Journal Articles
Berg J.E., Hofer P., Kephart K.D., Stougaard R.N., Lamb P.F., Miller J.H., Wichman D.M., Eckhoff J.L., Eberle C.A., Nash D.L., Holen D.L., Cook J.P., Gale S., Jin Y., Moore M.D., Kennedy K.A., Bruckner P.L. Registration of 'Spur' hard red winter wheat. <i>Journal of Plant Registrations</i> . (Submitted 10/31/17). doi: 10.3198/jpr2017.10.0076crc	Refereed Journal Articles
Bista, P., U. Norton, R. Ghimire, J. Norton. 2017. Effects of tillage system on greenhouse gas fluxes and soil mineral nitrogen in wheat-fallow during drought. <i>Journal of Arid Environments</i> 147: 103-113. http://agris.fao.org/agris-search/search.do?recordID=US201800014579	Refereed Journal Articles
Braveen B. Joseph, Nicolas A. Blouin, and David S. Fay* (2018) Use of a Sibling Subtraction Method (SSM) for Identifying Causal Mutations in <i>C. elegans</i> by Whole-Genome Sequencing. <i>G3: Genes, Genomes, Genetics</i> , in press. PMID: 29237702. doi: 10.1534/g3.117.300135 .	Refereed Journal Articles
C. M. Page, M. L. Van Emon, T. W. Murphy, C. K. Larson, J. G. Berardinelli, I. R. McGregor, and #W. C. Stewart. 2017. Effects of zinc source and dietary concentration on zinc serum concentrations, growth performance, wool traits, and reproductive characteristics in developing rams. <i>J. Anim. Sci.</i> https://www.asas.org/docs/default-source/western-section/asasws_western_book_060217.pdf?sfvrsn=e72946d1_0	Refereed Journal Articles
Carey, A.M., G.B Paige, B. J. Carr, and M. Dogan. 2017. Forward modeling to investigate inversion anomalies resulting from surface electrical resistivity tomography during rainfall events. <i>Journal of Applied Geophysics</i> 145: 39-49. DOI: 10.1016/j.jappgeo.2017.08.002	Refereed Journal Articles

Chandler JC, Pérez-Méndez A, Paar J, Doolittle MM, Bisha B, Goodridge LD. 2017. Field-based evaluation of a male-specific (F+) RNA coliphage concentration method. <i>Journal of Virological Methods</i> . 239:9-16. DOI: 10.1016/j.jviromet.2016.10.007	Refereed Journal Articles
Chandler JC, Schaeffer J, Davidson M, Magzamen S, Pérez-Méndez A, Reynolds S, Goodridge L, Volckens J, Franklin A, Shriner S, Bisha B. 2017. A Method for the Improved Detection of Aerosolized Influenza Viruses and the Male-specific (F+) RNA coliphage MS2. <i>Journal of Virological Methods</i> . 246:38-41. doi: 10.1016/j.jviromet.2017.04.004.	Refereed Journal Articles
Chaoqun Zhu, Nair Sree, Jun Ren and Wei guo. 2018. RBM20-deficiency plays a protective role in angiotensin II-induced hypertension and cardiac hypertrophy.	Refereed Journal Articles
Chase, C.C., Fulton, R. W., O'Toole, D., Gillette, B., Daly, R.F., Perry, G., Clement, T. Bovine herpesvirus 1 modified live virus vaccines for cattle reproduction: a balancing act. Value for protection versus untoward effects. <i>Vet Microbiol.</i> 2017 Mar 23. Electronic ahead of print. doi: 10.1016/j.vetmic.2017.03.016. Epub 2017 Mar 23.	Refereed Journal Articles
Chen Y, Xia J, Su Z, Xu G, Gomelsky M, Qian G, Liu F. 2017. The regulator of type IV pili synthesis, PilR, from Lysobacter controls antifungal antibiotic production via a c-di-GMP pathway. <i>Appl Environ Microbiol.</i> doi: 10.1128/AEM.03397-16	Refereed Journal Articles
Chen, P., Levy, D.L. (2017). Nucleus assembly and import in <i>Xenopus laevis</i> egg extract. <i>Cold Spring Harb Protoc.</i> doi:10.1101/pdb.prot097196.	Refereed Journal Articles
Chitrakar, S., S.N. Miller, E.M. Kempema, and P. Caffrey. Impact of channel slope on cutthroat flume performance. <i>Transactions of the ASABE and Applied Engineering in Agriculture.</i> DOI: 10.13031/trans.12468	Refereed Journal Articles
Coleman SM, Bisha B, Bunning M, Newman S, Goodridge LD. 2017. Transmission and Persistence of <i>Salmonella</i> spp. in Nutrient Solution of Hydroponically Grown Tomatoes. <i>HortScience</i> . 52(5):713–718. 2017. doi: 10.21273/HORTSCI11200-16.	Refereed Journal Articles
Crow, T.M., S. E. Albeke, C. Alex Buerkle, and K. M. Hufford. Provisional methods to guide species-specific seed transfer in ecological restoration (in press, <i>Ecosphere</i>). Doi: 10.1002/ecs2.2059	Refereed Journal Articles
Cullen, D.A., Cease, A.J., Latchininsky, A.V., Ayali, A., Berry, K., Buhl, J., De Keyser, R., Foquet, B., Hadrich, J.C., Matheson, T., Ott, S.R., Poot-Pech, M.A., Robinson, B.E., Smith, J.M., Song, H., Sword, G.A., Vanden Broeck, J., Verdonck, R., Verlinden, H., Rogers, S.M., 2017. From Molecules to Management: Mechanisms and Consequences of Locust Phase Polyphenism. <i>Advances in Insect Physiology</i> 53: 167–285. doi: 10.1016/bs.aiip.2017.06.002	Refereed Journal Articles

Dadelahi, S, S.R. Shaw, H. Aguirre, and L.F. de Almeida. 2018. A taxonomic study of Costa Rican Leptodrepana with descriptions of twenty-four new species (Hymenoptera: Braconidae: Cheloninae). Zookeys	Refereed Journal Articles
David C. Stephenson, Holly B. Steinkraus, Randolph V. Lewis, Pamela J. Langer. Spider spidracin, a silk-degrading protease of spiders Comparative Biochemistry and Physiology - Part A: Molecular and Integrative Physiology.	Refereed Journal Articles
Demirkhanyan, Lusine, Vivek Krishnan, Swapna Asuthkar, Brenda Alexander, Zahir Hussain, Padmamalini Baskaran, Yelena Nersesyan, Evgeny Pavlov, Baskaran Thyagarajan, and Eleonora Zakharian. 2017. TRPM8 determines testosterone-dependent dimorphic sexual behaviors. http://www.cell.com/biophysj/pdf/S0006-3495(17)34705-7.pdf	Refereed Journal Articles
Derner, J., D. Briske, M. Reeves, T. Brown-Brandl, M. Meehan, D. Blumenthal, W. Travis, D. Augustine, H. Wilmer, J.D. Scasta, J. Hendrickson, J. Volesky, L. Edwards, and D. Peck. 2017. Vulnerability of grazing and confined livestock in the Northern Great Plains to projected mid- and late- 21st century climate. Climatic Change doi:10.1007/s10584-017-2029-6	Refereed Journal Articles
Derner, Justin, Judith Capper, Guodong Han, Leigh Hunt, Kepler Euclides Filho, John Ritten. 2017. "Livestock Production Systems." For Rangeland Systems: Processes, Management and Challenges. Edited by David Briske. DOI 10: 1007/978-3-319-46709-2	Books and Book Chapters
Dewanti, Pikky Dwi, Brown, Donna M., Cameron, Bruce A., McKibben, Christine and Weatherford, Jennifer. "The effect of cognitive age on female baby boomers' clothing preferences and shopping behavior".	Refereed Journal Articles
Dhakal, D., Kniss, A.R., and Islam, M.A. Grass-Legume Mixtures for Improved Forage Yield, Forage Quality, and Stand Persistence. Agronomy Journal. Publication #: B-1309.1 http://www.wyoextension.org/publications/html/B1309-1/	Refereed Journal Articles
Dhakal, D., Norton, J.B., and Islam, M.A. Soil nitrogen and carbon dynamics under different seeding proportions of perennial grasses and alfalfa. Soil Science Society of America Journal.	Refereed Journal Articles
Dhakal, D., Ritten, J.P., and Islam, M.A. Economic Evaluation of Forage Grass-legume Mixtures vs. Monocultures. Crop Science.	Refereed Journal Articles
Dhekney, S.A., Basford, A.T., Sessions, S.K., Rosenberg, M.B., Claflin, C., Li, Z.T., and Gray, D.J. 2017. Vitis, Chapter 23.1. In Biotechnology of fruit and nut crops. CABI Publishing. ISBN-13: 978-085199622	Books and Book Chapters
Dhekney, S.A., Sessions, S.K., Rosenberg, M.B., Claflin, C., Li, Z.T., and Gray, D.J. 2017. Genetic Modification of Grapevine Embryogenic Cultures. Transgenic Plants, Methods and Protocols.	Books and Book Chapters

Dibner R, Doak D, Murphy MA (2017) Discrepancies in occupancy and abundance approaches to identifying and protecting habitat for at-risk species. <i>Ecology and Evolution</i> . doi: 10.1002/ece3.3131	Refereed Journal Articles
Dille JA, Stahlman PW, Du J, Geier PW, Riffel JD, Currie RS, Wilson RG, Sbatella GM, Westra P, Kniss AR, Moechnig MJ, Cole RM (2017) Kochia (<i>Kochia scoparia</i>) emergence profiles and seed persistence across the Central Great Plains. <i>Weed Science</i> 65:614-625. https://doi.org/10.1017/wsc.2017.18	Refereed Journal Articles
Dinkins, J. B., K. J. Lawson, K. T. Smith, J. L. Beck, C. P. Kirol, A. C. Pratt, M. R. Conover, and F. C. Blomquist. Quantifying overlap and fitness consequences of migration strategy with seasonal habitat use and a conservation policy. <i>Ecosphere</i> 8(11). doi: 10.1002/ecs2.1991	Refereed Journal Articles
Dose H., Eberle C.A., Forcella F., Gesch R. 2016. Maximizing field pennycress (<i>Thlaspi arvense</i> L.) yield and seed quality: effect of sowing date. <i>Industrial Crops and Products</i>	Refereed Journal Articles
Edens, L.J., Dilsaver, M.R., Levy, D.L. (2017). PKC-mediated phosphorylation of nuclear lamins at a single serine residue regulates interphase nuclear size in <i>Xenopus</i> and mammalian cells. <i>Molecular Biology of the Cell</i> , 28(10):1389-1399. doi: 10.1091/mbc.E16-11-0786	Refereed Journal Articles
Ehmke, Mariah, Chian Jones-Ritten, Buddhika Patalee, Anton Bekkerman, Kynda Curtis, and Cole Ehmke. 2017. How Sweet are Beekeeper Returns from Almond Pollination and Honey Production. <i>Proceedings of the International Farm Management Association Congress</i> . http://ifmaonline.org/wp-content/uploads/2017/12/17_PR_EhmkeM_etal_m4_paper_6.pdf	Refereed Journal Articles
Ehrle HM, Guidry JT, Iacovetto R, Salisbury AK, Sandidge DJ, Bowman GR. <i>J Bacteriol.</i> Polar Organizing Protein PopZ Is Required for Chromosome Segregation in <i>Agrobacterium tumefaciens</i> . 2017 Aug 8;199(17). PMID: 28630129. doi: 10.1128/JB.00111-17	Refereed Journal Articles
Elbakush AM, Miller KW, Gomelsky M. CodY-mediated c-di-GMP-dependent inhibition of mammalian cell invasion in <i>Listeria monocytogenes</i> . <i>J Bacteriol</i> pii: JB.00457-17. doi: 10.1128/JB.00457-17	Refereed Journal Articles
Ellison, M.J., G. Conant, W.R. Lamberson, R.R. Cockrum, K.J. Austin, D.C. Rule, and K.M. Cammack. 2017. Diet and feed efficiency status affect rumen microbial profiles in sheep. <i>Small Ruminant Res.</i> doi.org/10.1016/j.smallrumres.2017.08.009	Refereed Journal Articles
Fox, BF Porter, L Easterwood, JRV Hildenbrand, P Hélie, J Smiley, D O'Toole J. Acute hepatic steatosis: a helpful diagnostic feature in metallic phosphide-poisoned horses. <i>Vet Diagn Invest</i> . Published online Dec 2017. doi: 10.1177/1040638717746707	Refereed Journal Articles

Fullhart, A.T., T.J. Kelleners, D.G. Chandler, J.P. McNamara, and M.S. Seyfried. Water flow modeling with dry bulk density optimization to determine hydraulic properties in mountain soils. Accepted by Soil Science Society of America Journal. DOI: 10.2136/sssaj2017.06.0196	Refereed Journal Articles
Gamo, R. S., and J. L. Beck. Effectiveness of Wyoming's sage-grouse core area policy: Influences on energy development and male lek attendance. Environmental Management 59:189–203. DOI: 10.1007/s00267-016-0789-9	Refereed Journal Articles
Gamo, R. S., and J. L. Beck. Energy disturbance and productivity of mule deer habitat in sage-grouse core areas. Rangeland Ecology and Management 70:576-583. DOI: https://doi.org/10.1016/j.rama.2017.04.005	Refereed Journal Articles
Gamo, R. S., K. T. Smith, and J. L. Beck. Energy development and hunter success for mule deer and pronghorn in Wyoming. Wildlife Society Bulletin 41:62-69. doi: 10.1002/wsb.728	Refereed Journal Articles
Garro, L.S., E. Shimbori, A.M. Penteado-Dias, and S.R. Shaw. 2017. Four new species Aleiodes (Hymenoptera: Braconidae: Rogadinae) from the Neotropical Region. The Canadian Entomologist 00: 1-14 (2017). DOI: 10.4039/tce.2017.23	Refereed Journal Articles
Ghimire R, U Norton, P Bista, AK Obour, JB Norton. 2017. Soil organic matter, greenhouse gases and net global warming potential of irrigated conventional, reduced-tillage and organic cropping systems. Nutrient Cycling in Agroecosystems 107: 49–62. https://link.springer.com/article/10.1007/s10705-016-9811-0	Refereed Journal Articles
Gomelsky M. 2017. Photoactivated cells link diagnosis and therapy. Sci Transl Med 9:eaan3936. doi: 10.1126/scitranslmed.aan3936	Refereed Journal Articles
Guo W, Sanchez Walk AR. 2017. Is RBM20 a Promising Target for HFrEF Therapy? Current Trends in Biomedical Engineering & Biosciences. 3(5):555625. doi: 10.19080/CTBEB.2017.03.5555625	Refereed Journal Articles
Guo W, Sun M. 2017. RBM20, a potential target for treatment of cardiomyopathy via titin isoform switching. Biophysical reviews. PMID: 28577155. DOI: 10.1007/s12551-017-0267-5	Refereed Journal Articles
Gurtner C, Stokar-Regenscheit N, O'Toole D, Bilzer D, Herden C, Oevermann A, Jagannathan V, Leeb T, A SINE insertion in ATP1B2 in Belgian Shepherd dogs affected by spongy degeneration with cerebellar ataxia (SDCA2). doi: 10.1534/g3.117.043018	Refereed Journal Articles
Hazel, J. and Gatlin JC. 2017. Isolation and Demembranation of <i>X. laevis</i> Sperm Nuclei. In press at Cold Spring Harbor Protocols/Xenopus Manual. doi: 10.1101/pdb.prot099044	Refereed Journal Articles
Homer, A., Krall, J.M., Nachtman, J.J., Islam, M.A., and Groose, R.W. Registration of 'WyoWinter' feed pea for the Central Great Plains, USA. Journal of Plant Registration.	Refereed Journal Articles

Howell M, Aliashkevich A, Salisbury AK, Cava F, Bowman GR, Brown PJB. Absence of the Polar Organizing Protein PopZ Results in Reduced and Asymmetric Cell Division in Agrobacterium tumefaciens. <i>J Bacteriol</i> . 2017 Aug 8;199(17). PMID: 28630123. doi: 10.1128/JB.00101-17	Refereed Journal Articles
Hubbard, C.J., M.T. Brock, L.T.A. van Diepen, L. Maignien, B.E. Ewers, and C. Weinig, 2017. The plant circadian clock influences rhizosphere community structure and function. <i>ISME</i> doi:10.1038/ismej.2017.172.	Refereed Journal Articles
Islam, M.A. and Adjesiwor, A.T. 2017. Nitrogen fixation and transfer in agricultural production systems. In: Nitrogen in Agriculture - Updates, (Khan A. and Fahad S. Eds). InTech Open Publishing, London, UK (in press). DOI: 10.5772/intechopen.71766	Books and Book Chapters
Islam, M.A., Obour, A.K., Rule, D., Bandara, M., and Acharya, S. 2017. Forage and seed production potential, nutritive value, and fatty acid profile of fenugreek. <i>Crop Science</i> . 57:1764–1772. doi: 10.2135/cropsci2016.08.0685.	Refereed Journal Articles
Jabbour, R. and Noy, S. 2017. Wyoming producer priorities and perceptions of alfalfa insect pests. <i>Journal of Integrated Pest Management</i> 8: 1-7. DOI: https://doi.org/10.1093/jipm/pmx017	Refereed Journal Articles
Jevtic, P., Levy, D.L. (2017). Both nuclear size and DNA amount contribute to midblastula transition timing in <i>Xenopus laevis</i> . <i>Scientific Reports</i> , 7(1):7908. doi:10.1038/s41598-017-08243-z	Refereed Journal Articles
Jones-Ritten, Chian, Christopher Bastian, Jason Shogren, Thadchaigeni Panchalingam, Mariah Ehmke, and Gregory Parkhurst. 2017. Understanding Pollinator Habitat Conservation under Current Policy Using Economic Experiments. <i>Land</i> 6(57). doi: 10.3390/land6030057	Refereed Journal Articles
Joshee, N., Dhekney S.A., and Parajuli P. 2017. Medicinal Plants: Farm to Pharmacy, Springer Verlag.	Books and Book Chapters
Kane, K., D.M. Debinski, C. Anderson, J.D. Scasta, D.M. Engle, and J.R. Miller. 2017. Using regional climate projections to guide grassland community restoration in the face of climate change. <i>Frontiers in Plant Science</i> 8: 730. doi:10.3389/fpls.2017.00730	Refereed Journal Articles
Katja K. Dove, Hilary A. Kemp, Kristin Di Bona, Luke J. Milburn, David Camacho, David S. Fay, Dana L. Miller, Rachel E Klevit (2017) Two functionally distinct E2/E3 pairs coordinate sequential ubiquitination of a common substrate in <i>C. elegans</i> development. <i>PNAS</i> , 114, E6576–E6584. PMID: 28739890. doi: https://doi.org/10.1073/pnas.1705060114	Refereed Journal Articles
Keith, J., Stastny, S., Agnew, W., Brunt, A., & Aune, P. (2017). Life skills at a tribal college: A culturally relevant educational intervention. <i>Journal of Extension</i> , 55 (5). ISSN: EISSN-1077-5315	Refereed Journal Articles

Keith, J., Stastny, S., Brunt, A., & Agnew, W. (accepted). Barriers & strategies for healthy food choices among American Indian tribal college students: A qualitative analysis. <i>Journal of the Academy of Nutrition & Dietetics</i> . doi: 10.1016/j.jand.2017.08.003	Refereed Journal Articles
Keith, J., Stastny, S., Brunt, A., & Agnew, W. Effects of a culturally relevant educational intervention on college retention among American Indian tribal college students. <i>Tribal College Journal</i> , 29 (1). http://tribalcollegejournal.org/effects-of-a-culturally-relevant-educational-intervention-on-college-retention-among-american-indian-tribal-college-students/	Refereed Journal Articles
Keske, C. M., P. Bixler, C. T. Bastian, and J. Cross. "Are Population and Land Use Changes Perceived as Threats to Sense of Place in the New West? A Multilevel Modeling Approach," <i>Rural Sociology</i> .82,2(2017):263-290. doi:10.1111/ruso.12121 .	Refereed Journal Articles
Kiersten Berggren, Sonal Agrawal, Julia A Fox, Justin Hildenbrand, Ryan Nelson, Ashley I Bush, Jonathan H Fox. Amyloid Precursor Protein Haploinsufficiency Preferentially Mediates Brain Iron Accumulation in Mice Transgenic for The Huntington's Disease Mutation. <i>Journal of Huntington's Disease</i> , 2017. DOI: 10.3233/JHD-170242	Refereed Journal Articles
Killion H., Edwards W., Jennings-Gaines J., Wood M., Fox K., Sondgeroth K. 2018. Development and validation of a real-time PCR specific for the leukotoxin gene of <i>Bibersteinia trehalosi</i> . <i>Journal of Veterinary Diagnostic Investigation</i> (in press). Doi: 10.1177/10406387166282808	Refereed Journal Articles
Kniss AR (2017) Long-term trends in the intensity and relative toxicity of herbicide use. <i>Nature Communications</i> 8:14865. doi:10.1038/ncomms14865	Refereed Journal Articles
Kramer, A.C., A.J. Mirto, K.J. Austin, C.E. Roselli, B.M. Alexander. 2017. Tyrosine Hydroxylase in the Ventral Tegmental Area of Rams with High or Low Libido—a role for Dopamine. <i>Animal Reproduction Science</i> 187:152-158. https://www.sciencedirect.com/science/article/pii/S0378432017304761	Refereed Journal Articles
Larson-Meyer DE, Ingold BC, Fensterseifer SR, Austin K, Wechsler PJ, Hollis BW, Makowski DJ, Alexander BA. "Sun exposure in pigs increases the vitamin D nutritional quality of pork". <i>PLoS One</i> 2017; 12(11): e0187877. DOI: https://doi.org/10.1371/journal.pone.0187877	Refereed Journal Articles
Larson-Meyer DE, Schueler J, Kyle E, Austin K, Hart AM, Alexander BM. Appetite-regulating hormones in human breastmilk: a plausible biological factor for obesity risk reduction?	Refereed Journal Articles
Larson-Meyer DE, Woolf K, Burke LM. Assessment of Nutrient Status in Athletes and the Need for Supplementatio. <i>Int J Sport Nutr Exerc Metab</i> 2017; Online: 1-52. doi: 10.1123/ijsnem.2017-0338	Refereed Journal Articles

Larson-Meyer DE. Vegetarian Athletes. In: Karpinski C and Rosenbloom C, eds. Sports Nutrition: A Practice Manual for Professionals. 6th Edition. Chicago, IL: The Academy of Nutrition and Dietetics. ISBN-13: 978-0880919753	Books and Book Chapters
Latchininsky A.V. Practical Guidelines for locust management. Volume I: Biology, Ecology, Behavior. 45 pp. FAO UN, Rome, Italy. http://www.fao.org/ag/locusts-CCA/common/ecg/1012/en/AVLatchininsky_UZB_&_RUS_Mission_Report_2014_08_FINAL_EN.pdf	Books and Book Chapters
Latchininsky A.V., 2017. Ageneotettix deorum. In: CABI Encyclopedia of Plant Pests. ISBN: 978-1-78064-236-9	Books and Book Chapters
Latchininsky A.V., 2017. Aulocara elliotti. In: CABI Encyclopedia of Plant Pests. ISBN: 978-1-78064-236-9	Books and Book Chapters
Latchininsky A.V., 2017. Camnula pellucida. In: CABI Encyclopedia of Plant Pests. ISBN: 978-1-78064-236-9	Books and Book Chapters
Latchininsky A.V., 2017. Dociostaurus maroccanus. In: CABI Encyclopedia of Plant Pests. ISBN: 978-1-78064-236-9	Books and Book Chapters
Latchininsky A.V., 2017. Locusts. In: Reference Module in Life Sciences, ISBN 9780128096338, http://dx.doi.org/[Pii] . Elsevier.	Books and Book Chapters
Latchininsky A.V., 2017. Melanoplus bivittatus. In: CABI Encyclopedia of Plant Pests. ISBN: 978-1-78064-236-9	Books and Book Chapters
Latchininsky A.V., 2017. Melanoplus differentialis. In: CABI Encyclopedia of Plant Pests. ISBN: 978-1-78064-236-9	Books and Book Chapters
Latchininsky A.V., 2017. Melanoplus femur-rubrum. In: CABI Encyclopedia of Plant Pests. ISBN: 978-1-78064-236-9	Books and Book Chapters
Latchininsky A.V., 2017. Melanoplus sanguinipes. In: CABI Encyclopedia of Plant Pests. ISBN: 978-1-78064-236-9	Books and Book Chapters
LeBeau, C. W., G. D. Johnson, M. J. Holloran, J. L. Beck, R. M. Nielson, M. E. Kauffman, E. J. Rodemaker, and T. L. McDonald. Greater sage-grouse habitat selection, survival, and wind energy infrastructure. Journal of Wildlife Management 81:690-711. https://www.nationalwind.org/research/collaboratives/sage-grouse/sage-grouse-fact-sheet/	Refereed Journal Articles
LeBeau, C. W., J. L. Beck, G. D. Johnson, R. M. Nielson, M. J. Holloran, K. G. Gerow, and T. L. McDonald. Greater sage-grouse male lek counts relative to wind energy development. Wildlife Society Bulletin 41:17-26. https://doi.org/10.1002/wsb.725	Refereed Journal Articles

Maimaiti Rexiati, Mingming Sun and Wei Guo. 2018. Muscle-specific mis-splicing and heart disease exemplified by RBM20. <i>Genes</i> . In press. doi:10.3390/genes9010018	Refereed Journal Articles
Maimaiti Rexiati, Mingming Sun and Wei Guo. 2018. RBM20 deficiency postpones skeletal muscle regeneration after injury and promotes fibrotic tissues formation.	Refereed Journal Articles
Manore MM, Larson-Meyer DE, Lindsay AR, Hongu N. Dynamic energy balance: An integrated framework for discussing diet and physical activity for obesity prevention – Is it more than eating less and exercising more? <i>Nutrients</i> 2017; 9(8). doi: 10.3390/nu9080905.	Refereed Journal Articles
Maurer, G., B.S. Rashford, V. Chanthavong, B. Mulot, and O. Gimenez. 2017. Wild-captive dynamics and economics drive dynamics of Asian elephants in Laos. <i>Nature Scientific Reports</i> 7(November 1, 2017). doi: 10.1038/s41598-017-13907-x	Refereed Journal Articles
Maynard, D.S., M.A. Bradford, D.L. Lindner, L.T.A. van Diepen, S.D. Frey, J.A. Glaeser, and T.W. Crowther, 2017. Diversity begets diversity in competition for space. <i>Nature Ecology & Evolution</i> 1: article 0156. DOI: 10.1038/s41559-017-0156.	Refereed Journal Articles
McCollum, D. W., J. A. Tanaka, J. A. Morgan, J. E. Mitchell, W. E. Fox, K. A. Maczko, L. Hidinger, C. S. Duke, and U. P. Kreuter. 2017. Climate change effects on rangelands and rangeland management: affirming the need for monitoring. <i>Ecosystem Health and Sustainability</i> 3(3):e01264, 1-13. DOI:10.1002/ehs2.1264.	Refereed Journal Articles
McElwain, A., McGill, J., & Savasuk, R. (2017). A meta-analysis of youth-focused relationship education. <i>Children and Youth Services Review</i> . DOI: http://dx.doi.org/10.1016/j.childyouth.2017.09.036	Refereed Journal Articles
McGregor, I. R., C. M. Page, W. C. Stewart, and M. L. Van Emon. 2017. Effects of sugar beets on steer backgrounding performance, sheep nutrient metabolism, and rumen fermentation characteristics. <i>Animal Feed Sci. and Tech.</i> http://www.msuextension.org/coa/documents/2016reports/SugarBeetsMcGregor.pdf	Refereed Journal Articles
Mirto, A.J., K.J. Austin, V.A. Uthlaut, C.E. Roselli, B.M. Alexander, 2017. Fos Expression in the Olfactory Pathway of High- and Low-Sexually Performing Rams Exposed to Urine from Estrous or Ovariectomized Ewes. <i>Applied Animal Behavior</i> . 186:22-28. Available online. doi:10.1016/j.applanim.2015.09.001. http://www.sciencedirect.com/science/article/pii/S0168159115002427	Refereed Journal Articles
Mooney, P., Sulerud, T., Pelletier, J., Dilsaver, M., Tomschik, M., Geisler, C., and Gatlin, JC. 2017. Tau-based fluorescent protein fusions to visualize microtubules. <i>Cytoskeleton</i> , Jun;74(6):221-232. doi: 10.1002/cm.21368	Refereed Journal Articles

Muenchrath, D.A., J.A. Sandor, J.B. Norton, and J.A. Homburg. 2017. Maize experiment in a traditional Zuni agroecosystem. <i>Journal of Ethnobiology</i> 37: 172-195. https://doi.org/10.2993/0278-0771-37.2.172	Refereed Journal Articles
Munoz-Gutierrez JF, Sondgeroth KS, Williams ES, Montgomery DL, Creekmore TE, Miller MM. 2018. Infectious keratoconjunctivitis in free-ranging mule deer (<i>Odocoileus hemionus</i>) from Wyoming and identification of a novel alphaherpesvirus. <i>Veterinary Pathology</i> (accepted with revision). https://doi.org/10.7589/0090-3558-32.2.326	Refereed Journal Articles
Munsick, Tristram R., Dannele E. Peck, John P. Ritten, Randall Jones, Michelle Jones, Myrna R. Miler. 2017. "Expected Net Benefit of Vaccinating a Rangeland Sheep Flock against Bluetongue Virus." <i>Frontiers in Veterinary Science</i> , 4. Open access available at: https://doi.org/10.3389/fvets.2017.00166	Refereed Journal Articles
Murphy, T. W., W. C. Stewart, C. G. Smith, and J. B. Taylor. 2017. Effects of late gestation shearing on body weight gain, feed intake, and serum metabolite concentrations in Rambouillet ewes housed outdoors during winter. <i>Small Rumin.</i>	Refereed Journal Articles
Naumann, H. D., W. C. Stewart, and T. R. Whitney. 2017. Juniperus species and stage of maturity affect concentration and biological activity of protein precipitable polyphenols. <i>J. Plant. Inter.</i>	Refereed Journal Articles
Nelson, K., Debroy, D., McBride, R., Levy, D., Gatlin, J., Li, D., Oakey, J. (2017). Hydrogel based Janus structures for asymmetrical aster nucleation. <i>ISA Biomedical Sciences Instrumentation</i> . In press. http://repository.uwyo.edu/ugrd/2017_UGRD/Presentations/115/	Refereed Journal Articles
Nico Mauri, Miriam Kleiter, Michael Leschnik, Sandra Hoegler, Elisabeth Dietschi, Michaela Wiedmer, Joëlle Dietrich, Corinne Gurtner, Nadine Stokar-Regenscheit, Donal O'Toole, Thomas Bilzer, Christiane Herden, Anna Oevermann, Vidhya Jagannathan, Tosso Leeb: 2016, A missense variant in KCNJ10 in Belgian Shepherd dogs affected by spongy degeneration with cerebellar ataxia (SDCA1). <i>G3: Genes Genomes Genetics</i> Published on line 23 Dec 2016; to be published Feb 2017 issue of <i>G3: Genes Genomes Genetics</i> . doi: 10.1534/g3.116.038455	Refereed Journal Articles
Nilahyane, A., Islam, M.A., Mesbah, A.O., Garcia y Garcia, A. Effect of irrigation water and nitrogen on growth, yield, and water use efficiency of corn for silage. <i>Agricultural Water Management Journal</i> .	Refereed Journal Articles
Nippgen, F., M.R. Ross, B.L. McGlynn, E.S. Bernhardt (2017), Creating a more perennial problem? Mountaintop removal mining enhances and sustains saline baseflows of Appalachian watersheds, <i>Environmental Science & Technology</i> , doi:10.1021/acs.est.7b02288	Refereed Journal Articles

Noy, S., Jabbour, R. Using egocentric networks to illustrate information seeking and sharing by alfalfa farmers in Wyoming. <i>Journal of Extension</i> 55:2RIB1. ISSN: EISSN-1077-5315	Refereed Journal Articles
O'Neal L, Ryu MH, Gomelsky M, Alexandre G. 2017. Optogenetic manipulation of c-di-GMP levels reveals the role of c-di-GMP in regulating aerotaxis receptor activity in <i>Azospirillum brasilense</i> . <i>J Bacteriol</i> 199:e00020-17. doi: 10.1128/JB.00020-17	Refereed Journal Articles
O'Toole D, Hunter R, Allen T, Mills K, Zekarias B, Lehmann J, Corbeil LC. Pathogenesis of endothelial cell infection by <i>Histophilus somni</i> . <i>Vet Pathol.</i> 2017 Jul;54(4):629-639.	Refereed Journal Articles
Oakey, J. and Gatlin JC 2017. Microfluidic Encapsulation of Demembranated Sperm Nuclei in Xenopus Egg Extracts. In press at Cold Spring Harbor Protocols/Xenopus Manual. doi: 10.1101/pdb.prot102913	Refereed Journal Articles
Overbeck, G., J.D. Scasta, F. Furquim‡, I. Boldrini, and J. Weir. Accepted In Press. The South Brazilian grasslands – a South American Tallgrass Prairie? Parallels and implications of fire dependency. <i>Perspectives in Ecology and Conservation</i> . https://doi.org/10.1016/j.pecon.2017.11.002	Refereed Journal Articles
Parsons, J. and J.P. Hewlett. "Risk Scenario Planning Tool for Education on Livestock Risk Protection Insurance for Feeder Cattle." <i>Journal of Extension</i> . 55:1. #1TOT7. February 2017.	Refereed Journal Articles
Patricia Pesavento, Cristina Cunha, Hong Li, Kenneth Jackson, Donal O'Toole, <i>Vet Pathol.</i> Demonstration of OvHV-2, the agent of sheep associated malignant catarrhal fever, in formalin-fixed tissues. 2nd draft to co-authors 27 Dec 2017. ISSN 0372-5480	Refereed Journal Articles
Pellissier, M.E., Nelson, Z. Jabbour, R. Ecology and management of the alfalfa weevil (Coleoptera: Curculionidae) in Western United States alfalfa. Accepted for publication at <i>Journal of Integrated Pest Management</i> 8:1-7. doi: https://doi.org/10.1093/jipm/pmw018	Refereed Journal Articles
Perlinski, A.T., G.B. Paige, S.N. Miller and A.L. Hild. 2017. Hydrologic response of four ecological sites to natural rainfall events within a semi-arid watershed. <i>Rangeland Ecology & Management</i> 70(6):675-682. 2017 DOI: 10.1016/j.rama.2017.06.006	Refereed Journal Articles
Peterson, B., U. Norton. In Prep. Inventories of seasonal GHG emissions from dryland and irrigated alfalfa and native prairie in US Great Plains. <i>For Agronomy Journal</i> .	Refereed Journal Articles

Pfeifer, M., Willford, J.D. & Watson. R. M. (2017) A cultured learning environment: Implementing a problem and service-based microbiology capstone course to assess process and skill-based learning objectives. <i>Interdisciplinary Journal of Problem Based Learning (IJPBL)</i> . Accepted and under final review. DOI: 10.7771/1541-5015.1694	Refereed Journal Articles
Pleasants, M.S., T.J. Kelleners, and N. Ohara. 2017. Analysis of snowpack dynamics during the spring melt season using point measurements and numerical modeling. <i>Hydrological Processes</i> 31:4568-4585. https://doi.org/10.1002/hyp.11379	Refereed Journal Articles
Pratt, A. C., K. T. Smith, and J. L. Beck. Environmental cues used by Greater Sage-Grouse to initiate altitudinal migration. <i>The Auk: Ornithological Advances</i> 134:628-643. doi: https://doi.org/10.1642/AUK-16-192.1	Refereed Journal Articles
Qiurong Wang, Chaoqun Zhu and Wei Guo. 2018. RBM20-regulated developmental splicing and transcriptional changes in wildtype and RBM20 knockout rats. doi: 10.7150/ijbs.24117	Refereed Journal Articles
Qiurong Wang, Stephen P. Ford and Wei Guo. 2018. Genome-wide transcriptome analysis of heart tissues between over-nourished fetal sheep and control fetal sheep.	Refereed Journal Articles
Qiurong Wang, Stephen P. Ford, Peter W. Nathanielsz and Wei Guo. 2018. Molecular Basis of Maternal Obesity Induced Fetal Cardiac Contractile Dysfunction. http://circ.ahajournals.org/content/136/Suppl_1/A21413	Refereed Journal Articles
Rand, T., Pellissier, M.E., Jabbour, R., Lundgren, J.G., and Waters, D.K. In press. Evaluating the establishment success of <i>Microctonus aethiopoides</i> (Hymenoptera: Braconidae), a parasitoid of the alfalfa weevil (Coleoptera:Curculionidae), across the northern Great Plains. <i>The Canadian Entomologist</i> . doi: https://doi.org/10.4039/tce.2017.65	Refereed Journal Articles
Reeves, M.C., K.E. Bagne, and J.A. Tanaka. 2017. Potential climate change impacts on four biophysical indicators of cattle production from western US rangelands. <i>Rangeland Ecology and Management</i> 70:529-539. http://dx.doi.org/10.1016/j.rama.2017.02.005	Refereed Journal Articles
Ren J, Yang L, Zhu L, Xu X, Ceylan AF, Guo W, Yang J, Zhang Y. 2017. Akt2 ablation prolongs life span and improves myocardial contractile function with adaptive cardiac remodeling: role of Sirt1-mediated autophagy regulation. <i>Aging cell</i> . 16(5):976-987. PMID: 28681509. doi: 10.1111/acel.12616	Refereed Journal Articles
Ritten, John, *Emily Kachergis, Maria Fernandez-Gimenez, James Pritchett. "A State and Transition Approach to determine Opportunity Costs of Providing Various Ecosystem Services." Submitted to <i>Rangeland Ecology and Management</i> . Submitted December 28, 2017. https://www.nimss.org/projects/view/SAES/14616	Refereed Journal Articles

Ritten, John, Maria Fernandez-Gimenez, James Pritchett, *Emily Kachergis, and *Willow Hibbs. 2017. "Using STMs to Show Economic Interdependence of Ecological Sites at the Ranch Level." <i>Rangeland Ecology and Management</i> , 70: 666-674. https://doi.org/10.1016/j.rama.2017.05.008	Refereed Journal Articles
Ryu MH, Fomicheva F, Moskvin OV, Gomelsky M. 2017. Optogenetic module for dichromatic control of c-di-GMP signaling. <i>J Bacteriol</i> 199:e00014-17. doi: 10.1128/JB.00014-17	Refereed Journal Articles
Ryu MH, Fomicheva F, O'Neal L, Alexandre G, Gomelsky M. 2017. Using light-activated enzymes for modulating intracellular c-di-GMP levels in bacteria. <i>Methods Mol Biol (c-di-GMP Signaling)</i> 1657:169-186. doi: 10.1007/978-1-4939-7240-1_14	Refereed Journal Articles
Sandler, A., and B.S. Rashford. 2018. Misclassification Error in Satellite Imagery Date: Implications for Empirical Land-Use Models. <i>Land Use Policy</i>	Refereed Journal Articles
Scasta, J.D. 2017. Seasonal forage dynamics of three grasses with different origins and photosynthetic pathways in a rural North American cold steppe. <i>Livestock Research for Rural Development</i> 29(11): Article 209. http://www.lrrd.org/lrrd29/11/jsca29208.html	Refereed Journal Articles
Scasta, J.D., and B.M. Feuz. 2017. Post-wildfire shrub dynamics and ecological site controls in a sagebrush steppe: successional shift or enhanced visibility?. <i>Arid Land Research and Management</i> . doi:10.1080/15324982.2017.1350212	Refereed Journal Articles
Scasta, J.D., B. Stam, and J.L. Windh†. 2017. Rancher-reported efficacy of lethal and non-lethal livestock predation mitigation strategies for a suite of carnivores. <i>Scientific Reports</i> . doi:10.1038/s41598-017-14462-1	Refereed Journal Articles
Scasta, J.D., J.L. Talley, D.M. Engle, and D.M. Debinski. 2017. Climate extremes, vegetation change, and de-coupling of interactive fire-grazing processes exacerbate fly parasitism of cattle. <i>Environmental Entomology</i> 46(2): 191-200. doi: 10.1093/ee/nvw171	Refereed Journal Articles
Shaw, S.R. 2017. Adeliinae update, p. 62, in: Wharton, R.A., Marsh, P.M., Sharkey, M.J. (Eds.), <i>Identification Manual of the New World Genera of the Family Braconidae (Hymenoptera)</i> , vol. 1. 2nd Edition, International Society of Hymenopterists Special Publication, Washington DC, 486 pp. Available from Amazon Books. ISBN 13: 978-0692944820	Books and Book Chapters
Shaw, S.R. 2017. Subfamily Cheloninae, pp. 198-207, in: Wharton, R.A., Marsh, P.M., Sharkey, M.J. (Eds.), <i>Identification Manual of the New World Genera of the Family Braconidae (Hymenoptera)</i> , vol. 1. 2nd Edition, International Society of Hymenopterists Special Publication, Washington DC, 486 pp. Available from Amazon Books. ISBN 13: 978-0692944820	Books and Book Chapters

Shaw, S.R. 2017. Subfamily Euphorinae, pp. 240-265, in: Wharton, R.A., Marsh, P.M., Sharkey, M.J. (Eds.), Identification Manual of the New World Genera of the Family Braconidae (Hymenoptera), vol. 1. 2nd Edition, International Society of Hymenopterists Special Publication, Washington DC, 486 pp. Available from Amazon Books. ISBN 13: 978-0692944820	Books and Book Chapters
Shaw, S.R. 2017. Subfamily Meteorinae, pp. 346-353, in: Wharton, R.A., Marsh, P.M., Sharkey, M.J. (Eds.), Identification Manual of the New World Genera of the Family Braconidae (Hymenoptera), vol. 1. 2nd Edition, International Society of Hymenopterists Special Publication, Washington DC, 486 pp. Available from Amazon Books. ISBN 13: 978-0692944820	Books and Book Chapters
Shaw, S.R. 2017. Subfamily Neoneurinae, pp. 398-403, in: Wharton, R.A., Marsh, P.M., Sharkey, M.J. (Eds.), Identification Manual of the New World Genera of the Family Braconidae (Hymenoptera), vol. 1. 2nd Edition, International Society of Hymenopterists Special Publication, Washington DC, 486 pp. Available from Amazon Books. ISBN 13: 978-0692944820	Books and Book Chapters
Shaw, S.R. 2017. Subfamily Rogadinae, pp. 432-447, in: Wharton, R.A., Marsh, P.M., Sharkey, M.J. (Eds.), Identification Manual of the New World Genera of the Family Braconidae (Hymenoptera), vol. 1. 2nd Edition, International Society of Hymenopterists Special Publication, Washington DC, 486 pp. Available from Amazon Books. ISBN 13: 978-0692944820	Books and Book Chapters
Shimbori, Eduardo Mitio; Gessner, Carolina da Silva Souza; Penteado-Dias, Angelica Maria; Shaw, Scott Richard. A revision of the genus Andesipolis (Hymenoptera: Braconidae: Mesostoinae) and redefinition of the subfamily Mesostoinae. Zootaxa 4216 (2): 101–152. DOI: 10.5281/zenodo.230717	Refereed Journal Articles
Sitther, V., Tabatabai, B., Enitan, O and Dhekney, S.A. 2017. Agrobacterium-mediated transformation of Camelina sativa for the production of transgenic plants. Journal of Biological Methods, In Press. doi: 10.14440/jbm.2018.208	Refereed Journal Articles
Smith, D.I., Curran, M.F., Latchininsky, A.V., 2017. Market basket analysis of grasshopper (Orthoptera: Acrididae) assemblages in eastern Wyoming: a 17-year case study using associative analysis for ecological insights into grasshopper outbreaks. Ecological Entomology 42(4): 379-382. DOI: https://doi.org/10.1111/een.12401	Refereed Journal Articles
Sofaer, H.R., S.K. Skagen, J.J. Barsugli, B.S. Rashford, G.C. Reese , J.A. Hoeting, A.W. Wood, and B.R. Noon. Projected Wetland Densities under Climate Change: Habitat Loss but Little Shift in Conservation Strategy. Ecological Applications. DOI: 10.1890/15-0750.1	Refereed Journal Articles
Sonal Agrawal and Jonathan H. Fox. Novel proteomic changes in brain mitochondria provide insights into energetic dysfunction in mouse models of Huntington's disease. Molecular and Cellular Proteomics	Refereed Journal Articles

Spence, E. S., J. L. Beck, and A. J. Gregory. Probability of lek collapse is lower inside Sage-grouse Core Areas: Assessing the effectiveness of landscape management for a landscape species. PLoS ONE 12(11). doi: https://doi.org/10.1371/journal.pone.0185885	Refereed Journal Articles
Stewart W. C., T. R. Whitney, E. J. Scholljegerdes, D. M. Hallford, J. W. Walker, R. P. Adams, and H. D. Naumann. 2017. Effects of feeding ground redberry juniper (<i>Juniperus pinchotii</i>) to gestating ewes on pre- and postpartum performance, serum metabolites and hormones, milk fatty acid composition, and progeny pre-weaning performance. J. Anim. Sci. O. doi:10.2527/jas.2016.1090	Refereed Journal Articles
Stoellinger, T., D. Taylor. 2016. Economic Impact to Wyoming's Economy From a Potential Listing of the Sage Grouse. Wyoming Law Review. Volume 17, Number 1, 2017. https://www.uwyo.edu/haub/_files/_docs/research/2016-sage-grouse-report-web.pdf	Refereed Journal Articles
Stoy, P.C., S. Ahmed, M. Jarchow, B.S. Rashford, D. Swanson, S. Albeke, G. Bromley, E.N.J. Brookshire, M.D. Dixon, J. Haggerty, P. Miller, B. Peyton, T. Sohl, L. Spangler, C. Straub, A. Royem, and B. Poulter. 2018. Opportunities and tradeoffs between BECCS and food, water, energy, biodiversity and social systems at regional scales. Bioscience. https://doi.org/10.1093/biosci/bix145	Refereed Journal Articles
Stump, W.L. The Potential for secondary Cercospora leaf spot suppression with foliar fungicide applications made for Rhizoctonia solani management in sugar beet (submitted to J. of Sugar Beet Res.).	Refereed Journal Articles
T. R. Whitney, J. L. Glasscock, J. P. Muir, W. C. Stewart, E. J. Scholljegerdes. 2017. Substituting ground woody plants for cottonseed hulls in lamb feedlot diets: growth performance, blood serum chemistry, and rumen fluid parameters. J. Anim. Sci. O. Doi:10.2527/jas.2017.1649	Refereed Journal Articles
Taylor, K. T., J. L. Beck, S. V. Huzurbazar, and S. E. Albeke. Box 11.2, Response of wintering pronghorn to wind energy development in south-central Wyoming. Pages 228–230 In Chapter 10: Terrestrial Mammals by J. O. Helldin, A. Skarin, W. Neumann, M. Olsson, J. Jung, J. Kindberg, N. Lindberg and F. Widemo. M. Perrow, editor. Wildlife and Wind Farms – Conflicts and Solutions. Volume 1 Onshore: Potential Effects. Pelagic Publishing, Exeter, United Kingdom. ISBN: 978178271190	Books and Book Chapters
Tekiela DR, Barney JN Not All Roads Lead to Rome: A Meta-analysis of invasive plant impact methodology. Accepted, Invasive Plant Science and Management. 10(4) 304-312. https://doi.org/10.1017/inp.2017.39	Refereed Journal Articles
Thom M.D., Eberle C.A., Forcella F., Gesch R., Weyers, S. 2017. Specialty oilseed crops provide an attractive source of pollen for beneficial insects. Journal of Applied Entomology. 00:1-12. DOI.org/10.1111/jen.12401.	Refereed Journal Articles

Thompson, J. "Promoting Pollinators on Your Place – A Wyoming Guide" Jennifer S. Thompson; Scott P. Schell; Jacelyn Downey; and Jeffrey Michael Edwards. Publication #: B-1305	Books and Book Chapters
Tracy, B.F., Foster, J.L., Butler, T.J., Islam, M.A., Toledo, D., and Vendramini, J.M.B. 2018. Resilience in Forage and Grazinglands. <i>Crop Science</i> . 58:1–12. doi: 10.2135/cropsci2017.05.0317.	Refereed Journal Articles+B149:B151
Vågen, T., L. Winowiecki, W. Twine, and K. Vaughan. Spatial gradients of ecosystem health indicators across a human-impacted semi-arid savanna. <i>J. Env. Qual. Special section: Predicting soil organic carbon in agroecosystems under climate change. In revision at J. Env. Qual. Doi: doi:10.2134/jeq2017.07.0300</i>	Refereed Journal Articles
Vaidya, B., Asanakunov, B., Shahin, L., Joshee, N and Dhekney S.A. 2017. Plant development and antioxidant analysis of <i>Mentha x piperita</i> L. obtained through micropropagation. <i>In Vitro Cellular and Developmental Biology, Plant</i> .	Refereed Journal Articles
Van Diepen, L.T.A., S.D. Frey, E.A. Landis, E.W. Morrison, and A. Pringle, 2017. Fungi exposed to chronic nitrogen enrichment are less able to decay leaf litter. <i>Ecology</i> 98(1): 5-11. https://doi.org/10.1002/ecy.1635	Refereed Journal Articles
Vanbianchi C, Gains WL, Murphy MA, Pither J, Hodges KE (2017) Habitat selection by Canada lynx: making do in heavily fragmented landscapes. <i>Biodiversity and Conservation</i> . 26:3343-3361. doi: 10.1007/s10531-017-1409-6	Refereed Journal Articles
Vanbianchi C, Murphy MA, Hodges KE (2017) Canada lynx use of burned areas: Conservation implications of changing fire regimes. <i>Ecology and Evolution</i> doi:10.1002/ece3.2824	Refereed Journal Articles
Vance, J, MA Murphy, T Abbott. Emulated Natural Disturbance for Wyoming Toad Habitat Restoration. <i>Journal of Wildlife Management</i> .	Refereed Journal Articles
Vance, J, MA Murphy, T Abbott. Soft-Release Strategies for Wyoming Toad (<i>Anaxyrus baxteri</i>) Reintroduction. <i>J. Herpetology</i> . https://www.fws.gov/news/blog/index.cfm/2015/10/5/Soft-Releases-Turning-the-Tide-for-the-Endangered-Wyoming-Toad	Refereed Journal Articles
Vaughan. K., R. Vaughan, and J. Seeley. 2017. Experiential learning in soil science: Use of an augmented reality sandbox. <i>Nat. Sci. Educ.</i> 46:1-5. doi:10.4195/nse2016.11.0031 open access at http://bit.ly/2y9rgSY	Refereed Journal Articles
Vladimir Lazetic and David S. Fay* (2017). Conserved ankyrin repeat proteins and their NIMA kinase partners regulate extracellular matrix remodeling and intracellular trafficking in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 205, 273–293. PMID: 27799278. doi: 10.1534/genetics	Refereed Journal Articles
Vladimir Lažetić and David S. Fay* (2017). Molting in <i>C. elegans</i> . <i>Worm</i> , 6(1):e1330246 PMID:28702275. doi: 10.1080/21624054.2017.1330246	Refereed Journal Articles

Walker, J. W., W. C. Stewart, R. Pope, S. Spear, M. Ebert, T. W. Murphy. 2017. Evaluation of mean fiber diameter measurements by FibreLux micron meter and OFDA 2000 in Texas and Intermountain West wool. <i>Small Rumin. Res.</i> Doi: 10.1016/j.smallrumres.2017.12.008	Refereed Journal Articles
Wallhead, M, H Zhu, J. Sulik, and W. Stump. 2017. A Workflow for Extracting Plot-level Biophysical Indicators from Aerially Acquired Multispectral Imagery. <i>Plant Health Progress</i> . Vol. 18, 95-96. Http://dx.doi.org/10.1094 PHP-04-17-0025-PS	Refereed Journal Articles
Weir, J.R., and J.D. Scasta. 2017. Vegetation responses to season of fire in tallgrass prairie: a 13-year case study. <i>Fire Ecology</i> 13(2): 137-142. doi:10.4996/fireecology.130290241	Refereed Journal Articles
Williams ES, O'Toole D, Miller MW, Kreeger TJ, Jewell JE: Cattle resist chronic wasting disease following oral inoculation challenge or 10 years' natural exposure in contaminated environments.	Refereed Journal Articles
Zabihi, K. G.B. Paige, A.L. Hild, S.N. Miller, A. Wuenschel, M.J. Holloran. 2017. A Fuzzy Logic Approach to Analyze Suitability of Nesting Habitat for Greater Sage-Grouse in western Wyoming. <i>Journal of Spatial Science</i> , March 2017, DOI: 10.1080/14498596.2017.1292965	Refereed Journal Articles
Zero± V, Barocas A#, Jochimsen D#, Pelletier A, Giroux-Bougard X, Trumbo DR, Castillo J, Evans Mack D, Linnell MA, Pigg RM, Hoisington-Lopez J, Spear SF, Murphy MA, Waits LP (2017) Complementary network-based approaches for exploring genetic structure and functional connectivity in two vulnerable, endemic ground squirrels. <i>Frontiers in Genetics</i> 8:81. doi: 10.3389/fgene.2017.00081	Refereed Journal Articles
Zhilong Chen, Chaoqun Zhu, Maimaiti Rexiati, Hanfang Cai, and Wei Guo. 2018. Titin Z-line splicing pattern across species and Z-line splicing regulation by RBM20.	Refereed Journal Articles
Zhu C, Chen Z, Guo W. 2017. Pre-mRNA mis-splicing of sarcomeric genes in heart failure. <i>Biochimica et biophysica acta</i> . 1863(8):2056-2063. PMID: 27825848. doi: 10.1016/j.bbadi.2016.11.008	Refereed Journal Articles
Zhu C, Guo W. 2017. Detection and quantification of the giant protein titin by SDS-agarose gel electrophoresis. <i>MethodsX</i> . 4:320-327. https://doi.org/10.1016/j.mex.2017.09.007	Refereed Journal Articles
Zhu C, Yin Z, Tan B, Guo W. 2017. Insulin regulates titin pre-mRNA splicing through the PI3K-Akt-mTOR kinase axis in a RBM20-dependent manner. <i>Biochimica et biophysica acta</i> . 1863(9): 2363-2371. PMID: 28676430. doi: 10.1016/j.bbadi.2017.06.023	Refereed Journal Articles