

Curriculum Vitae of Doohong Min

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Department of Agronomy
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Education:

- **Ph. D. in Agronomy** (Forage Production, Management, and Utilization / Nutrient Management), University of Maryland, College Park, U.S.A. 1998. Dissertation title: Assessing the Effectiveness of Forage Crops to Utilize Nitrogen from Dairy Manure.
- **M. S. in Plant Science** (Forage Physiology and Management), University of Alberta, Edmonton, Alberta, Canada. 1994. Thesis title: Study of the Stand Density of Alfalfa.
- **M. S. in Animal Science** (Forage Production and Management), Seoul National University, Seoul, South Korea. 1988. Thesis title: Effect of Liming and Seed-Coating on Early Growth, Dry Matter Yield and Nutritive Value of Alfalfa, and Soil Properties.
- **B. S. in Dairy Science**, Sungkyunkwan University, Seoul, South Korea. 1985.

Work Experience:

- Associate Professor (60% Teaching and 40% Research), Kansas State University, Agronomy Department, Manhattan, KS 66506. July 2019 - Present. Job Responsibilities: Develop and teach undergraduate/graduate courses (Forage Management and Utilization, Introduction to Crop Physiology, and Advanced Forage and Pasture Management), advise undergraduate/graduate students in the Agronomy Department, and conduct forages research.
- Assistant Professor (60% Teaching and 40% Research), Kansas State University, Agronomy Department, Manhattan, KS 66506. April 2014 – November 2018. Job Responsibilities: Develop and teach undergraduate/graduate courses, advise undergraduate/graduate students in the Agronomy Department, and conduct forages research.
- Assistant Professor/Extension Agronomist (80% Extension and 20% Research), Kansas State University, Southwest Research-Extension Center, Garden City, KS 67846. May

2013 - March 2014. Job Responsibilities: Provide leadership and cooperate in planning, developing, and delivering effective interdisciplinary extension and applied research programs targeted to meet the field crops and forages and soil needs for farmers and the general public in the Southwest Kansas.

- Extension Forage Specialist (50 % Research and 50 % Extension, received a continuing employment status equivalent to tenure): Job Responsibilities: Research and Extension in Forage Crops/Pasture Crops/Field Crops/Bio-Energy Crop Production, Management, and Utilization. Michigan State University Upper Peninsula Research Center in Chatham, MI. October 2000 - February 2013.
- Post-Doctoral Associate: Forage Production, Management, and Utilization / Nutrient Management in the Department of Agronomy, University of Maryland, College Park, Maryland, USA. June 1998 – September 2000
- Graduate Research Assistant (Ph. D.): Department of Agronomy, University of Maryland, College Park, Maryland, USA. January 1994 – May 1998
- Graduate Research Assistant (M. S.): Department of Plant Science, University of Alberta, Edmonton, Alberta, Canada. August 1991 – December 1993
- Korean Army Medic, Kyunggi Province, South Korea. 1988 - 1990
- Graduate Teaching Assistant (M. S.): Department of Animal Science, Seoul National University, Seoul, South Korea. 1986 - 1988

Professional memberships:

- American Society of Agronomy (ASA) (2001 - present)
- Crop Science Society of America (CSSA) (2001 - present)
- American Forage and Grassland Council (AFGC) (2000 - present)
- Kansas Forage and Grassland Council (KFC) (2014 - present)
- Asian-Australasian Society of Animal Sciences (AJAS) (2000 - present)
- North American Colleges and Teachers of Agriculture (NACTA) (2016 - present)
- Gamma Sigma Delta Honor Society of Agriculture (initiated in 1996)

Refereed Publications

- 1) Mekasha, A., **D. H. Min**, N. Bascom, J. Vipham. 2021. Seeding rate effects on forage productivity and nutritive value of sorghum (*Sorghum bicolor* L.). Agron. J. (IF: 2.240)
doi.org/10.1002/agj2.20856
- 2) McDonald, I., **D. H. Min**, and R. Baral. 2021. Effect of a Fall Cut on Dry Matter Yield, Nutritive Value, and Stand Persistence of Alfalfa. J. Anim. Sci. Technol. (IF: 2.225)

- 3) Tegegn, A., A. Tolera, A. Mekasha, D. Pendell, **D. H. Min**, J. Vipham. 2021. Determinants of sorghum biomass use for livestock feed across sorghum growing agroecological zones in Ethiopia. *Tropical and Subtropical Agroecosystems*. 24:1-14.
- 4) Saylor, B., D. H. Min, and B. Bradford. 2021. Effects of cultivars and cutting times on dry matter yield and forage quality of teff grass. *J. Anim. Sci. Technol.* 63:510-519. (IF: 2.225)
- 5) Tegegn, A., A. Tolera, A. Mekasha, D. Pendell, **D. H. Min**, J. Vipham. 2021. The contribution of sorghum crop residues to livestock feed in sorghum growing agroecological zones of Ethiopia. *Animal Production Science*.
- 6) Diatta, A., **D. H. Min**, K. Jagadish. 2021. Drought Stress Responses in Non-transgenic and Transgenic alfalfa – Current Status and Future Research Directions. 170:1-50. *Advances in Agronomy*. (IF: 6.919)
- 7) Casler, M, D. K. Lee, R. B. Mitchell, P. R. Adler, R. M. Sulc, K. D. Johnson, R. L. Kallenbach, A. R. Boe, R. D. Mathison, K. A. Cassida, **D. H. Min**, and K. J. Moore. 2019. Nitrogen demand associated with increased biomass yield of switchgrass and big bluestem. *Bioenergy Research*. doi.org/10.1007/s12155-019-10081-y. (IF: 2.195)
- 8) Faye, A., B. Sine, J. Chopart, A. Grondin, M. Lucas, A. Diedhiou, P. Gantet, L. Cournac, **D. H. Min**, A. Audebert, A. Kane, and L. Laplaze. 2019. Development of a model estimating root length density from root impacts on a soil profile in pearl millet (*Pennisetum glaucum* (L.) R. Br): Application to measure root system response to water stress in field conditions. *PLOS ONE*. 14(7): e0214182. (IF: 3.240)
- 9) Arnold, A., Cassida, K. Albrecht, M. Hall, **D. H. Min**, X. Xu, D. Undersander, E. Santen, and M. Sulc. 2019. Multistate evaluation of reduced-lignin alfalfa harvested at different intervals. *Crop Science*. 59:1799-1807. (IF: 1.878)
- 10) Kim, J. Y., B. H. Lee, B. Chemere, **D. H. Min**, B. W. Kim and K. I. Sung. 2019. In vivo nutritive value of rice feed for sheep and its application for cattle feed. *J. Anim. Sci. Technol.* 61: 254-259. (IF: 2.225)
- 11) Sene, S., M. Gueye, F. Sarr, Y. Diallo, M. Sow, A. Faye, **D. H. Min**, and M. Gaye. 2018. Parboiling effect on phytate containing two Senegalese pearl millet varieties (*Pennisetum glaucum* [L.] R.Br.) GB 87-35 and ICRITABI. *J. Nutri. Health & Food Sci.* 6: 1-6.
- 12) Saylor, B., **D. H. Min**, and B. Bradford. 2018. Productivity of lactating dairy cows fed diets with teff hay as the sole forage. *Journal of Dairy Science*. 5984–5990.
- 13) McGowan, A., **D. H. Min**, J. Williams, and C. Rice. 2018. Impact of nitrogen application rate on switchgrass yield, production costs, and nitrous oxide emissions. *J. Environmental Quality*. 47: 228-237.

- 14) Casler, M. D., K. P. Vogel, D. K. Lee, R. B. Mitchell, P. R. Adler, R. M. Sulc, K. D. Johnson, R. L. Kallenbach, A. R. Boe, R. D. Mathison, K. A. Cassida, **D. H. Min**, J. Crawford and K. J. Moore. 2018. 30 Years of progress toward increased biomass yield of switchgrass and big bluestem. *Crop Sci.* 58: 1242-1254.
- 15) Lee, J. E., G. Yadhu, P. Vadlani, **D. H. Min**, K. Y. San. 2018. Efficient production of free fatty acids from switchgrass using recombinant *Escherichia coli*. *Biotechnology Progress.* 34: 91-98.
- 16) Peng, J., M. Kim, M. Jo, **D. H. Min**, B. Lee, K. Kim, and S. Sung. 2017. Accuracy evaluation of the crop-weather yield predictive models of Italian ryegrass and forage rye using cross-validation. *Journal of Crop Science and Biotechnology.* 20: 327-334.
- 17) Serba, D., R. Perumal, T. Tesso, and **D. H. Min**. 2017. Status of Global Pearl Millet Breeding Programs and the Way Forward. *Crop Sci.* 57: 2891-2905.
- 18) **Min, D. H.** and I. McDonald. 2017. Planting alfalfa with cover crops on forage dry matter and nutritive values of alfalfa. *Journal of Agricultural Studies.* 5: 107-115.
- 19) **Min, D. H.** G. Yadhu, V. Prasad, P. Vadlani and J. Lee. 2017. Effects of different genotypes of switchgrass as a bioenergy crop on yield components and bioconversion potential. *J. Sustainable Bioenergy Systems.* 7: 27-35.
- 20) Lee, J. E., P. Vadlani, and **D. H. Min**. 2017. Sustainable production of microbial lipids from lignocellulosic biomass using oleaginous yeast cultures. *J. Sustainable Bioenergy Systems.* 7: 36-50.
- 21) Qing Ye , X. Lin, E. Adey, **D. H. Min**, Y. Assefa, D. O'Brien, and I. A. Ciampitti. 2017. Evaluation of climatic variables as yield-limiting factors for maize in Kansas. *Int. J. Climatol.* 37: 464-475.
- 22) **Min, D. H.** 2016. Effects of cutting interval between harvests on dry matter yield and nutritive value in alfalfa. *American Journal of Plant Science.* 7:1226-1231
- 23) Holman, J. **D. H. Min**, N. Klocke, I. Kisekka, R. Currie. 2016. Irrigation amount and timing effects on alfalfa nutritive value. *Transactions of the ASABE.* 59:849-860.
- 24) **Min, D. H.** and J. Moyer. Establishing legumes in a tall fescue sward. 2015. *American Journal of Plant Sciences.* 6: 355-361.
- 25) Grabber, J., W. K. Coblenz, H. Riday, T. C. Griggs, **D. H. Min**, J. W. MacAdam, and K. A. Cassida. 2015. Protein and dry-matter degradability of European- and

Mediterranean-derived birdsfoot trefoil cultivars grown in the colder continental United States. *Crop Science*. 55:1356-1364.

- 26) Ji, D. H., B. W. Kim, M. M Sargolzei, J. G. Nejad, **D. H. Min**, and K. I. Sung. 2014. Effects of cultivars and seeding rates on chemical composition content of switchgrass. *Journal of Korean Society of Grassland and Forage Science*. 34:179-186.
- 27) Grabber, J., H. Riday, K. A. Cassida, T. C. Griggs, **D. H. Min**, and J. W. MacAdam. 2014. Yield, morphological characteristics, and chemical composition of European- and Mediterranean-derived birdsfoot trefoil cultivars grown in the colder continental United States. *Crop Science*. 54:1893-1901.
- 28) Casler, M., S. Bittman, D. Undersander, R. Mathison, **D. H. Min**, J. Robins, J. Cherney, N. Ehlke, R. Leep, G. Shoemaker, C. Teutsch, and W. Coblenz. 2014. Sparse-Flowering Orchardgrass is Stable Across Temperate North America. *Crop Science*. 54:421-429.

Abstracts

- 1) Faye, A., D. H. Min, Z. Stewart, A. Obour, and V. Prasad. 2021. Agricultural Innovation for Boosting Productivity and Resilience in Sub Saharan Africa: Examples from West Africa. ASA-CSSA-SSSA Annual Meeting, Salt Lake City, UT. Nov. 7-10, 2021.
- 2) Bastos, L., A. Faye, **D. H. Min**, Z. Stewart, V. Prasad, and I. Ciampitti. 2021. Variety and management selection to optimize dual-purpose pearl millet yield and profit in Senegal. ASA-CSSA-SSSA Annual Meeting, Salt Lake City, UT. Nov. 7-10, 2021.
- 3) Baral, B., **D. H. Min**, R. Lollato, I. Ciampitti, and C. Rice. 2021. Effects of Rainfed Wheat-Based Cropping Systems on Forage Yield and Nutritive Values Under Different Stages of Maturity. ASA-CSSA-SSSA Annual Meeting, Salt Lake City, UT. Nov. 7-10, 2021.
- 4) Moorberg, C., S. Howe, K. Donnelly, and **D. H. Min**. 2021. Perceptions of higher education among students of agronomy, soil, and environmental sciences during the COVID-19 pandemic. ASA-CSSA-SSSA Annual Meeting, Salt Lake City, UT. Nov. 7-10, 2021.
- 5) Ha, S. and **D. H. Min**. 2021. Groundwater permit trading and potential groundwater savings in Kansas. AAEA Annual Meeting Abstract. Austin, TX. August 5-8, 2021.
- 6) Ha, S. and **D. H. Min**. 2021. The influence of extreme weather stress and water quality on the evaluation of beef carcass. AAEA Annual Meeting Abstract, Austin, TX. August 5-8, 2021.

- 7) Moorberg, C., S. Howe, K. Donnelly, and **D. H. Min**. 2021. Perceptions of higher education among students of agronomy, soil, and environmental sciences during the COVID-19 pandemic. NACTA Conference.
- 8) **Min, D. H.** and X. Xu. 2020. Harvesting Schedule Effects on Forage Yield and Nutritive Values in Low Lignin Alfalfa. ASA annual meeting (virtual), November 9-13, 2020.
- 9) Mekasha, A., **D. H. Min**, J. Vipham, N. Bascom, and A. Tegegn. 2019. Linking Cattle Nutrition to Human Nutrition: Exploring Forage Values of Sorghum in Ethiopia. Global Agenda for Sustainable Livestock. Kansas State University, Manhattan, September 9-11, 2019.
- 10) Saylor, B., **D. H. Min**, B. Bradford. 2019. Productivity of Lactating Dairy Cows with Teff Hay as the Sole Forage. Global Agenda for Sustainable Livestock. Kansas State University, Manhattan, September 9-11, 2019.
- 11) Tine, F., Balde, B., Diattta, S., Tine, K., **D. H. Min**, Faye, A., Sy, O. 2019. Intercropping of Pearl Millet with Cowpea and Groundnut. USAID Sustainable Intensification Innovation Lab Annual Meeting in Saly, Senegal. April 8-11, 2019.
- 12) Sulc, M., Arnold, A., Cassida, K., Albrecht, K., Hall, M., Min, D. H., Xu, X., Undersander, D., Santen, E. Multi-State Evaluation of Reduced Lignin Alfalfa Forage Nutritive Value and Yield. ASA Annual meeting. Baltimore, MD. November 4 - 8, 2018.
- 13) Wade, C., Vayssiers, J., **Min, D. H.** 2018. Effet de l'intensification de l'élevage sur le cycle de l'azote dans les systèmes mixtes agriculture-élevage du Centre du Sénégal_Congres International Francophone. Paris, France. December 5-6, 2018.
- 14) Tine, F., Balde, B., Diattta, S., Tine, K., **Min, D. H.**, Faye, A., Sy, O. 2018. Effet de l'association Céréales - légumineuses et de la Fertilisation Organo-minérale sur le Rendement du Mil dans le Bassin Arachidier, Sénégal. Rencontres Francophones Legumineuses. Toulouse, France. October 17-18.
- 15) Schwindt, A., A. Sharda, **D. H. Min**, and D. Flippo. 2018. Assessing Forage Moisture System Accuracy for Round Alfalfa Bales. 2018 ASABE (American Society of Agricultural and Biological Engineering) Annual International Meeting, Detroit, Michigan. July 29 - August 1, 2018.
- 16) Mekasha, A., **D. H. Min**, J. Vipham, A. Tegegn, T. Tadesse, G. Ayana, and N. Bascom. 2018. Linking Cattle Nutrition to Human Nutrition: Determining Optimum Seeding rate for Growing Sorghum as a Forage Crop in Ethiopia. 2018 Global Nutrition Symposium

for the Feed the Future Innovation Lab for Livestock Systems. Addis Ababa, Ethiopia. Jan. 21 – 23, 2018.

- 17) Mofini M.-T., A. Diedhiou, S. Pignoly, C. Ndiaye, **D. H. Min.**, L. Laplaze, and A. Kane. 2018. Diversity of Arbuscular Mycorrhizal Fungi Associated to Pearl Millet in Diverse Agrosystems in Senegal. International Sustainable Agriculture Intensification and Nutrition Conference, Phnom Penh, Cambodia, January 4 - 6, 2018.
- 18) McDonald, I. and **D. H. Min.** 2017. Effects of Low-Lignin Alfalfa and Alfalfa-Grass Mixtures on Yield and Nutritive Values. ASA Annual meeting. Tampa, FL. October 22 - 25, 2017.
- 19) Xuan, X. and **D. H. Min.** 2017. Effects of Long-term Weather Variations on Alfalfa Production in the Midwestern United States. ASA Annual meeting. Tampa, FL. October 22 - 25, 2017.
- 20) Davidson, J. and **D. H. Min.** 2017. Evaluating Teff (*Eragrostis tef*) as a Summer Forage. ASA Annual meeting. Tampa, FL. October 22 - 25, 2017.
- 21) Saylor, B., **D. H. Min.**, and B. J. Bradford. 2017. Productivity of Lactating Dairy Cows Fed Diets with Teff hay as the Sole Forage. J. Dairy Sci. 100 (Suppl. 2):130. June 25 - 28 in Pittsburgh, Pennsylvania.
- 22) Saylor, B., **D. H. Min.**, and B. J. Bradford. 2017. Effect of Seed Variety and Cutting Date on Nutritive Values and In Vitro Digestibility of Teff Grass. J. Dairy Sci. 100 (Suppl. 2):265. June 25 - 28 in Pittsburgh, Pennsylvania.
- 23) McDonald, I. and **D. H. Min.** 2016. Effects of Alfalfa and Alfalfa-Grass Binary Mixture on Dry Matter Yield, Nutritive Values, Botanical Composition, and Stand Persistence. ASA Annual meeting. Phoenix, AZ. November 5 - 9, 2016.
- 24) Xuan, X. and **D. H. Min.** 2016. Effects of Seeding Rates and Cutting Management of Reduced Lignin Alfalfa on Dry Matter Yield, Nutritive Values, and Stand Persistence. ASA Annual meeting. Phoenix, AZ. November 5 - 9, 2016.
- 25) McGowan, A., C. Rice, and **D. H. Min.** 2016. Impact of Nitrogen Rate on Nitrous Oxide Emissions, Switchgrass Yield and Production Costs. ASA Annual meeting. Phoenix, AZ. November 5 - 9, 2016.
- 26) Parker, J., M. Sulc, K. Albrecht, K. Cassida, M. Hall, J. Hermann, **D. H. Min.**, S. Orloff, and D. Undersander. Forage Nutritive value of a Reduced Lignin Alfalfa Cultivars. 2016. Poster Presentation at the North American Alfalfa Improvement Conference (NAAIC). Madison, WI. July 12 – 14, 2016.
- 27) **Min, D. H.**, J. Moyer, K. Harmony, J. Holman, M. Spangler, I. McDonald, and X. Xu. Effects of Application Rates and Types of Nitrogen Fertilizer on Forage Dry Matter

- Yield and Nutritive Value of Teff. ASA Annual meeting. Minneapolis, MN. November 15-18, 2015.
- 28) **Min, D. H.**, B. Gillen, M. Spangler, I. McDonald, and X. Xu. Planting Alfalfa with Cover Crops on Forage Dry Matter Yield and Nutritive Value of Alfalfa. ASA Annual meeting. Minneapolis, MN. November 15-18, 2015.
 - 29) **Min, D. H.**, J. Holman, N. Klocke, and R. Currie. 2014. Irrigation Amount and Frequency Effects on Alfalfa Forage Quality. ASA Annual meeting. Long Beach, CA. November 2-5, 2014.
 - 30) **Min, D. H.**, A. Zukoff, S. Zukoff, J. Aguilar, and C. Randall. 2014. Cutting Frequency Effects on Yield and Nutritive Values of Alfalfa. ASA Annual meeting. Long Beach, CA. November 2-5, 2014.
 - 31) **Min, D. H.**, and E. A. Santos. 2014. Modeling of Alfalfa Growth under Different Cutting Management Systems. ASA Annual meeting. Long Beach, CA. November 2-5, 2014.
 - 32) Holman, J., **D. H. Min**, S. Maxwell, and Tom Roberts. 2014. Developing Rainfed Annual Forage Rotations. ASA Annual meeting. Long Beach, CA. November 2-5, 2014.
 - 33) Grabber, J. H. , W.K. Coblenz, H. Riday, K. A. Cassida, T. C. Griggs, **D. H. Min**, and J. W. MacAdam. 2014. Yield, Morphological Development, and Forage Quality Characteristics of European- and Mediterranean-Derived Birdsfoot Trefoil Cultivars Grown in the Colder Continental United States. Long Beach, CA. November 2-5, 2014.
 - 34) **Min, D. H.**, and V. Prasad. 2014. Switchgrass Genotype Study as a Bioenergy Crop in Kansas, USA. RCN Conference on Pan American Biofuels and Bioenergy Sustainability. Recife, Brazil. August 21-25, 2014.
 - 35) **Min, D. H.** 2014. Roles of Forages and Grassland Ecosystems in the 21st Century. 2014 Sino-US Forage Technology & Product Conference. Beijing, China. August 9-15, 2014. (as a guest speaker).
 - 36) **Min, D. H.**, C. Kapp, K. Cassida and J. Holman. 2013. Switchgrass Performance as a Bioenergy Crop. ASA Annual meeting in Tampa, FL. November 3-6, 2013.
 - 37) Casler, M.D., K.A. Cassida, **D. H. Min**, and K.P. Vogel. 2013. *Evaluating perennial grass cultivars for their use as biomass energy crops in upper Michigan*. NCCC-31. Ecophysiological Aspects of Forage Management. Lexington, KY. 4-6 June 2013.
 - 38) Holman, J., M. Stamm, T. Roberts, S. Maxwell, and **D. H. Min**. 2013. Companion Cropping and Fall Grazing of Winter Canola. ASA Annual meeting in Tampa, FL. November 3-6, 2013.

Grant Activities

Competitive Grants Funded (K-State) (\$14,141,596)

- **Min, D. H.**, B. Bradford, P. Konokoff, and K. Jagadish. 2019. Establishing the Value of Alfalfa with Highly Digestible Fiber. (2019-2021) USDA NIFA Alfalfa grant (\$500,000)
- Rice, C., Prasanna, G., Ciampitti, I., Ochsner, T., Warren, J., Izaurrealde, R., **Min, D. H.**, Lollato, R., Jones, C., Bandaru, V., Santos, E., Sanderson, M., Shuman, C., Patrignani, A., and Northup, B. 2019. Systems Approaches to Increase Water Productivity in Rainfed Food Systems of the Southern Great Plains. (2019-2023). USDA-AFRI-SAS grant (\$10,000,000)
- Vipham, J., B. Bradford, **D. H. Min**, T. O'Quinn, and J. Pendell. 2017. Linking cattle nutrition to human nutrition: A value chain approach to improving the production, handling, and consumption of animal source foods in Ethiopia. (2017-2020). Livestock Systems Innovation Lab. USAID Feed the Future. \$1,000,000.
- **Min, D. H.**, O. Sy, M. Diaw, M. Sall, F. Sarr, M. Dieye, B. Schwab, J. Vipham, and X. Lin. 2016. Sustainable intensification of dual-purpose of millet-leguminous crops-livestock integration for the rural small holder farmers in Senegal (2016-2019). Sustainable Intensification Innovation Lab. USAID through Feed the Future. \$ 1,000,000
- **Min, D. H.**, B. Bradford, J. Harrington, and M. Taylor. 2016. Can teff decrease the water strain in the High Plains? (2015-2016). NSF EPSCoR KBOR Grant and K-State Water Seed Grant. \$80,000
- Islam, A., **D. H. Min**, and J. Brummer. 2016. The silent decline in soil potassium levels and its effect on alfalfa productivity in the central and western US. USDA NIFA Alfalfa Grant. 2016-2019. \$265,000
- **Min, D. H.** 2015. Reduced-Lignin Alfalfa Cutting Management for Yield and Forage Quality. Monsanto and Forage Genetics International. 2015-2017. \$80,000
- **Min, D. H.** Teff as an alternative forage crop during drought stress in Kansas. University Small Research Grant (USRGs) (2014-2015). \$1,000.
- **Min, D. H.** Reduced-lignin alfalfa study for yield and forage quality (multi-state project; WI, CA, MI, OH, KS). Monsanto (2015-2017). \$40,000
- **Min, D. H.**, J. Holman, J. Moyer, and K. Harmony. Teff as an alternative forage crop during drought stress in Kansas. Kansas Center for Sustainable Agriculture and Alternative Crops (2013-2014). \$4,728.
- **Min, D. H.** Evaluation of winter triticale varieties. Ehmke Seed (2013-2014) \$6,200
- **Min, D. H.** Evaluation of winter triticale varieties. Syngenta Seed (2013-2014) \$ 800
- **Min, D. H.** Evaluation of winter triticale varieties. Lima Grain Seed (2013-2014) \$800

- Ciampitti, I., K. Roozeboom, M. Stamm, J. Holman, **D. H. Min**, G. Cramer, I. Kisekka. 2013. Canola as an alternative crop. Ogallala Aquifer Project. \$60,000

Awards and Recognition:

- International Crop Science Award, 2021. Crop Science Society of America.
- Outstanding Research Paper Award, 2020. Crop Science Society of America (C-6)
- Meritorious Education Award by the Kansas Forage and Grassland Council, December, 2017.
- Honorary Scientist Appointed by the Rural Development Administration (RDA) in South Korea, 2017.
- Distinguished Service Award by the Growing UP Agriculture Association, March 2013.
- Conservation Partner Award by the Dickinson Soil Conservation Society, January 2011.
- Merit Award (Who have made superior contributions in some phase of forage and grassland agriculture) by the American Forage and Grassland Council Annual Meeting in Grand Rapids, June 2009
- Who's Who in Science and Engineering. 8th Edition in Marquis Who's Who 2005-2006
- Outstanding Extension Specialist Award by the Michigan State University Extension, October 2004
- Outstanding Young Scientist Award from the American Forage and Grassland Council, Indianapolis, Indiana, 1998.

Courses taught

- AGRON 425 Forage Bowl Competition
- AGRON 550 Forage Management and Utilization
- AGRON 598 Undergraduate Research Experience
- AGRON 620 Introduction to Crop Physiology
- AGRON 810 Agronomy Graduate Seminar
- AGRON 843 Advanced Forage Management

Graduate Students Advisory Committee

- Rudra Baral (Ph.D. Wheat-based cropping systems focusing on forage component under dryland condition)
- Sangsu Ha (Ph.D. Ground water effects on crop production and profitability)
- Iryna McDonald (Ph.D. Alfalfa-grass binary mixture ecology, major advisor), Kansas State University Agronomy Department.

- Xuan Xu (Ph.D. Low-lignin alfalfa cutting management, major advisor), Kansas State University Agronomy Department.
- Jeremy Davidson (Masters, Teff as an alternative water efficient summer annual forage, major advisor), Kansas State University Agronomy Department
- Meghnath Pokharel (Ph.D. Cold tolerance effects on canola)
- Jacob Schwindt (Masters, Alfalfa hay sensors, a committee member), Kansas State University Department of Biological and Ag-Engineering.
- Jungeun Lee (Ph. D. Bioconversion in switchgrass as a bioenergy crop, a committee member), Kansas State University Grain Science Department.
- Ben Saylor (Masters, Teff forage as part of dairy diet, a committee member), Kansas State University Animal Sciences and Industry Department.

Peer Review Journals

- Agronomy Journal
- Crop Science
- Asian-Australasian Journal of Animal Science
- Bioenergy and Byproducts
- Journal of Animal Science and Technology
- Crops and Pasture Science

Committee

- Agronomy Course and Curriculum
- Department Committee on Planning and Head's Advisory Committee
- Kling Anderson Range Science Lectureship
- International Agriculture
- K-State Agronomy Open House
- KSECA Crops Contest
- Undergraduate Research Experience
- Agronomy Seminar at K-State
- Departmental Facilities and Infrastructure committee for North Central

Leadership Roles

- Public sector board member of the American Forage and Grassland Council (AFGC)

- USAID Sustainable Intensification Innovation Lab Senegal Project PI by leading the projects in Senegal (38 people involved)
- President of Korean Agronomist Society in US
- Chair for the Undergraduate Research Experiences at K-State Agronomy Department
- Agronomy Seminar Chair at K-State
- K-State Forage Lab (technician, graduate/undergraduate students)

Volunteering

- Associate Editor of Journal of Animal Science and Technology
- Associate Editor of Korean Society of Forage and Grassland Science
- K-State Agronomy Open House (forage booth)
- Wheat State Agronomy Club parking at the North Agronomy Farm (every football game)
- NSF IGERT Graduate Students Research (Poster Judge)
- Undergraduate/Graduate Students Research at the Agronomy Annual Meeting (Poster Judge)
- K-State Agronomy Booth for Graduate Programs at the ASA-CSSA-SSSA annual meetings