

# Logan M. Simon

## Kansas State University

Southwest Research-Extension Center  
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### EDUCATION

#### **Ph.D. Agronomy – Crop Production**

**Department of Agronomy**

**Kansas State University, Manhattan, Kansas**

Fields: Dryland cropping systems, integrated crop-livestock systems, and soil health  
Dissertation: Cover crops to regenerate soils and increase profitability in dryland crop production in the semi-arid central Great Plains

Advisors: Drs. Augustine Obour, John Holman, Kraig Roozeboom, and Sandy Johnson  
Expected Graduation: May 2024

#### **M.Sc. Agronomy – Crop Production**

**Department of Agronomy**

**Kansas State University, Manhattan, Kansas**

Fields: Dryland cropping systems, integrated crop-livestock systems, and soil health  
Thesis: Long- and short-term cover crop management effects on soil health in no-till dryland cropping systems in the semi-arid central Great Plains

Advisors: Drs. Augustine Obour, John Holman, and Kraig Roozeboom  
Graduated: May 2021

#### **B.Sc. Plant Sciences – Crop Breeding and Genetics**

**Division of Plant Sciences**

**University of Missouri, Columbia, Missouri**

Fields: Crop genetics and breeding, plant pathology, and crop physiology

Advisor: Dr. Mary Ann Gowdy

Graduated: May 2017

### PROFESSIONAL EXPERIENCE

Apr. 2024 – Present: Assistant Professor/Southwest Area Agronomist (80% Extension, 20% Research), Department of Agronomy, Kansas State University. Lead, design, market, implement, and evaluate extension educational programs in crops, soils, weeds, forage, and rangelands in the 26 counties of Southwest Kansas. Direct grant funded, applied research responsive to the needs of the people of Southwest Kansas and KSU extension agents. Research focuses include cropping

systems management in primary dryland and irrigated crops (wheat, sorghum, corn, cotton, and soybeans) to sustain economic growth in the region despite the declining Ogallala Aquifer.

- Jan. 2019 – Apr. 2024: Graduate Research/Teaching Assistant, Cropping Systems Research Group, Department of Agronomy, Kansas State University. Experimental design, field management, data collection, and analysis of experiments in dryland cropping systems in western Kansas. Projects include cover crops, forage crops, integrated livestock, alternative grain crops, and strategic tillage for optimized productivity, profitability, and sustainability in the semi-arid central Great Plains. Teaching responsibilities include 300-level courses in Soils and Crop Science.
- Aug. 2022 – May 2023: Instructor, Agronomy Teaching Group, Department of Agriculture, Fort Hays State University. Developed course objectives and content for 100 to 600-level courses in Agronomic Crop Science, Weed Science, Agronomic Crop Insects, Soil Fertility & Fertilizers, and Soil & Water Management. [Full teaching portfolio available upon request.](#)
- Nov. 2017 – Nov. 2018: Research Technician, Physiological Genomics Research Group, Department of Integrative Biology, University of Texas (Based at the University of Missouri within the Crop Physiology Research Group). Experimental design, field management, and data collection of experiments in switchgrass physiology and genomics in central Missouri and eastern Kansas. Coordinated with partner institutions for remote sensing by unmanned aerial vehicle as well as intensive ground-truth crop evaluation efforts.
- May 2017 – Oct. 2017: Research Technician, Crop Physiology Research Group, Division of Plant Sciences, University of Missouri. Experimental design, field management, and data collection of experiments in sorghum physiology and genomics in central Missouri. Coordinated with partner institutions for regular remote sensing by unmanned aerial vehicle as well as intensive ground-truth crop evaluation efforts.
- May 2015 – May 2016: Undergraduate Research Intern, Mycology/Wheat Genetics and Breeding Research Groups, Division of Plant Sciences, University of Missouri. Evaluated physiological responses of four prominent Missouri soft red winter wheat varieties to colonization by arbuscular mycorrhizal fungi in a controlled environment.
- Aug. 2014 – May 2016: Undergraduate Research Assistant, Wheat Genetics and Breeding Research Group. Division of Plant Sciences, University of Missouri. Assisted in the screening of soft red winter wheat test lines for the east central United States. Emphasis was placed upon evaluating test lines for resistance to Fusarium head blight of wheat. Special projects included the assessment of wheat test lines for dual-purpose production in southwest Missouri and northeast Oklahoma.

### **PERSONAL AND PROFESSIONAL SERVICE**

- Jan. 2024 – Present      Leader, Semi-Arid Dryland Cropping Systems Community, American Society of Agronomy – Madison, WI

Jan. 2023 – Dec. 2023	Vice-Leader, Semi-Arid Dryland Cropping Systems Community, American Society of Agronomy – Madison, WI
Jan. 2021 – Dec. 2021	President, KSU Agronomy Grad. Student Assoc. – Manhattan, KS Representative, Agronomy Course and Curriculum Committee
Jan. 2020 – Dec. 2020	Vice-President, KSU Agronomy Grad. Student Assoc. – Manhattan, KS
Jan. 2015 – Dec. 2015	Reporter, MU Agronomy Club – Columbia, MO
May 2012 – May 2013	President, Liberty FFA Chapter – Liberty, IL
May 2011 – May 2012	Secretary, Liberty FFA Chapter – Liberty, IL
May 2010 – May 2011	Reporter, Liberty FFA Chapter – Liberty, IL

### **PROFESSIONAL MEMBERSHIPS**

Jan. 2022 – Present	American Forage and Grassland Council – Berea, KY
Nov. 2021 – Present	Gamma Sigma Delta, Eta Chapter – Manhattan, KS
Oct. 2020 – Present	Soil and Water Conservation Society – Ankeny, IA
Aug. 2014 – Present	American Society of Agronomy (ASA) – Madison, WI
Aug. 2014 – Present	Crop Science Society of America (CSSA) – Madison, WI
Aug. 2014 – Present	Soil Science Society of America (SSSA) – Madison, WI
Jan. 2019 – May 2024	KSU Agronomy Graduate Student Association – Manhattan, KS
Aug. 2014 – May 2017	MU Agronomy Club – Columbia, MO

### **GRANTS**

- Pending Holman, J.D., **L.M. Simon**, and B.B. Golden. Climate-Adaptive Forage for Resilient Beef and Milk Production in Water-Limited Areas, United States Department of Agriculture National Institute of Food and Agriculture (USDA NIFA). Requested \$1,050,000. The project's overarching goal is to sustain and enhance the beef and dairy industries in the Ogallala Aquifer Region of Texas, Oklahoma, and Kansas by focusing on development and adoption of climate-adaptive forage systems. The project aims to address the challenges posed by climate change while bolstering the resilience and productivity of these industries by integrating innovative agricultural practices and technologies.
- Pending Holman, J.D., A.K. Obour, L.A. Haag, **L.M. Simon**, S.K. Johnson, B.B. Golden, and D.M. O'Brien. Low Water Use Legume Solution for Livestock Feeding in the Ogallala Aquifer Region, Kansas Water Office. Request for \$98,830. This research project will 1) build upon preliminary research to improve agronomic recommendations and expand production in the region, 2) quantify nutritive value, water use efficiency, forage mass, and grain yield of cowpea, 3) identify opportunities within existing crop rotations to integrate cowpea, and 4) increase system profitability and resilience through market diversification. Results will be disseminated to producers and end users across the Ogallala Aquifer region.
- Pending Aguilar, J., LA. Haag, J.D. Holman, A. Sheshukov, and **L.M. Simon**. Cotton Harvester to Support Water Conservation through Cotton Research, United States Department of Agriculture National Institute of Food and Agriculture (USDA

- NIFA). Request for \$278,240. This project proposal aims to address both a) need for irrigated cotton research information in the thermo-limited and water-constrained region, and b) cotton-research industry-wide need for automated plot harvester by purchasing a research-grade cotton harvester through this grant.
- Pending Obour, A.K., J.D. Holman, **L.M. Simon**, and D.M. O'Brien. Efficacy of Biostimulants to Improve Soil Health, Nutrient Availability and Crop Yields in Water-limited Environments, North Central Region Sustainable Agriculture Research and Education (NCR SARE). Requested \$249,936. This research and education project will provide critical and immediate information needed to address producer questions on sustainable use of biostimulants to improve nutrient availability, water infiltration, maintain soil health and increase crop yields in dryland systems.
- 2025 **Simon, L.M.**, J.D. Holman, and J. Aguilar. Optimizing variety maturity and deficit-irrigation strategy for thermally-limited cotton production in Kansas, Kansas Water Institute. Funded for \$48,434. This study will investigate the response of early and early-medium cotton varieties to deficit irrigation strategies in a thermally-limited environment. This funding is matched in part by Cotton Incorporated.
- 2024 Burow, M., C. Trostle, D. McCallister, W. Ravelombola, **L.M. Simon**, J.D. Holman, and D. Min. Improving Profitability of Guar as an Alternative Crop for Dryland Production, Ogallala Aquifer Program (OAP). Funded for \$108,837 (\$19,305 received as co-PI). This project encompasses two objectives of the Ogallala Aquifer Program, with goals of developing more-profitable varieties usable as seed or forage, and determining how to produce with greater profitability and income stability.
- 2024 Obour, A.K., J.D. Holman, K.R. Harmony, **L.M. Simon**, L.A. Haag, and J.S. Falk Jones. Wildfire Recovery Strategies and Cover Crops in Semi-Arid Crop Production Systems, United States Department of Agriculture Natural Resources Conservation Service (USDA NRCS). Funded for \$549,102.00 (\$5,500 received as co-PI). This study will investigate soil and crop management strategies to restore soil health and productivity following wildfires, review and develop guidelines on best practices for successful cover cropping in semi-arid environments, and provide an overview of how to align USDA conservation program delivery on cover crops to producer demands to build soil health.
- 2022 **Simon, L.M.** and A.K. Obour. Cover Crop Biomass Removal Rates to Optimize Livestock Production and Soil Health in No-Tillage Dryland Cropping Systems, North Central Region Sustainable Agriculture Research and Education (NCR SARE) Graduate Student Grant Program. Funded for \$14,845. This study will determine optimum rates of cover crop biomass removal with grazing to optimize farm profits and enhanced soil health in no-tillage dryland cropping systems by quantifying soil properties under a range of cover crop biomass removal rates (0 to 90% biomass removal) with grazing cattle.

### **AWARDS**

- 2022 Gary “Pete” Peterson Dryland Soil Management Scholarship, Soil Science Society of America – Madison, WI
- 2022 Kansas State University Irvin D. and Dora Mae Atkins Scholarship – Manhattan, KS
- 2021 NACTA Graduate Student Teaching Award, North American Colleges and Teachers of Agriculture – Huntington, WV
- 2021 Kansas State University Dr. L.P. and E.G. Reitz Scholarship – Manhattan, KS
- 2021 CCTA Scholarship, Colorado Conservation Tillage Association – Kit Carson, CO
- 2020 1<sup>st</sup> Place Poster Presentation, Semi-Arid Dryland Cropping Systems Community, 2020 International American Society of Agronomy-Crop Science Society of America-Soil Science Society of America Meeting – Virtual
- 2020 Kansas State University Dr. N.F. and F.E. Morehouse Scholarship – Manhattan, KS
- 2020 1<sup>st</sup> Place Poster Presentation, 2020 Great Plains Soil Fertility Conference – Denver, CO
- 2019 2<sup>nd</sup> Place Poster Presentation, Semi-Arid Dryland Cropping Systems Community, 2019 International American Society of Agronomy-Crop Science Society of America-Soil Science Society of America Meeting – San Antonio, TX
- 2016 Jerry Minore Memorial Scholarship/Academic Excellence in Agriculture Award, National Wheat Foundation/BASF Corporation – Washington, DC
- 2014 American FFA Degree, National FFA Organization – Indianapolis, IN
- 2012 State FFA Degree, Illinois Association FFA – Springfield, IL

### **EDUCATIONAL TRAVEL**

May 2016 – July 2016: Nine-week collaborative study abroad program through the Consortium for Sustainability at EARTH University, Guácimo de Límon, Costa Rica. Study areas include tropical forest carbon management and climate change, challenges and solutions to sustainable agriculture in the humid tropics, tools and methods of sustainable rural development, and measuring and mitigating our environmental impact.

### **JOURNAL PUBLICATIONS**

1. Holman, J.D., P. Mauler, A.K. Obour, K.L. Roozeboom, **L.M. Simon**, and Y. Assefa. 2024. Forage rotation and tillage effects on soil physical and chemical properties. *Agrosystems, Geosciences & Environment*, *Under review*.
2. Obour, A.K., J.D. Holman, **L.M. Simon**, and Y. Assefa. 2024. Winter wheat micronutrient uptake as affected by nitrogen fertilizer and tillage. *Soil Science Society of America Journal*, *Under review*.
3. Holman, J.D., P. Mauler, A.K. Obour, K.L. Roozeboom, L.M. Simon, and Y. Assefa. 2024. Soil, forage, and weed attributes following tillage in grazed no-tillage triticale pasture. *Soil Science Society of America Journal*, *Accepted*.

4. **Simon, L.M.**, A.K. Obour, J.D. Holman, S.K. Johnson, and K.L. Roozeboom. 2024. Cover crop grazing effects on soil properties in no-tillage dryland cropping systems in the central Great Plains. *Agriculture, Ecosystems and Environment, Under review*.
5. Obour, A.K., J.D. Holman, **L.M. Simon**, and Y. Assefa. 2023. Nitrogen Fertilizer and Tillage Intensity Affected Winter Wheat Macronutrient Uptake and Utilization Efficiencies. *Agrosystems, Geosciences & Environment. 6,1*.
6. Obour, A.K., J.D. Holman, **L.M. Simon**, and Y. Assefa. 2023. No-tillage and nitrogen fertilization on soil chemical properties under dryland wheat-sorghum-fallow rotation. *Agrosystems, Geosciences & Environment. 6,1*.
7. Obour, A.K., J.A. Dille, J.D. Holman, **L.M. Simon**, B. Sancewich, and V. Kumar. 2022. Spring-Planted Cover Crops Effects on Weed Suppression and Crop Yield in No-Till Dryland Crop Production. *Crop Science. 62,5*.
8. **Simon, L.M.**, A.K. Obour, J.D. Holman, and K.L. Roozeboom. 2022. Long-term cover crop management effects on soil properties in dryland cropping systems. *Agriculture, Ecosystems & Environment. 328*.
9. Obour, A.K., **L.M. Simon**, J.D. Holman, P.M. Carr, M. Schipanski, S. Fonte, R. Ghimire, T. Nleya, and H. Blanco-Canqui. 2021. Cover Crops to Improve Soil Productivity in the North American Great Plains. *Agronomy Journal. 113,6*.
10. **Simon, L.M.**, A.K. Obour, J.D. Holman, and K.L. Roozeboom. 2021. Forage Productivity and Soil Properties in Dual-Purpose Cover Crops Systems. *Agronomy Journal. 113, 6*.
11. Obour, A.K., J.D. Holman, **L.M. Simon**, and A.J. Schlegel. 2021. Strategic Tillage Effects on Crops Yields, Soil Properties, and Weeds in Dryland No-Tillage Systems. *Agronomy. 11, 662*.

### **EXTENSION PUBLICATIONS**

1. **Simon, L.M.**, A.K., Obour, J.D. Holman, S.K., Johnson, and K.L. Roozeboom. 2024. Dual-purpose cover crop and occasional tillage effects on dryland crop productivity, profitability, and soil properties. *Kansas Agricultural Experiment Station Research Reports, Under review*.
2. **Simon, L.M.**, A.K. Obour, Z.C. Carson, F. Weber, S. Minson, and C. Dinkel. 2024. Cover crop biomass removal rates to optimize livestock production and soil health in no-tillage dryland cropping systems. *Kansas Agricultural Experiment Station Research Reports, Under review*.
3. **Simon, L.M.**, S. Lancaster, S., and J. Kouame. 2024. World of Weeds – Purple Threeawn. *Kansas State University Agronomy eUpdates, 1010*.
4. Lancaster, S., **L.M. Simon**, and J. Kouame. 2024. World of Weeds – Tumblegrass. *Kansas State University Agronomy eUpdates, 1009*.
5. **Simon, L.M.** and A. Zukoff. 2024. Pest management in cotton - Thrips and other early insects. *Kansas State University Agronomy eUpdates, 1004*.
6. Lancaster, S., **L.M. Simon**, and L.A. Haag. 2024. Early season weed control in cotton. *Kansas State University Agronomy eUpdates, 1004*.

7. Haag, L.A., **L.M. Simon**, and C. Redmond. 2024. Soil temperature, weather forecast, and seed quality are critical for cotton establishment. *Kansas State University Agronomy eUpdates*, 1000.
8. Lawrence, M.A., A.K., Obour, J.D., Holman, **L.M. Simon**, L.A., Haag, and K.L. Roozeboom. 2023. Assessing the influence of strategic tillage on crop yields and soil properties in dryland no-tillage systems. *Kansas Agricultural Experiment Station Research Reports*. 9, 6.
9. Obour, A.K., J.D. Holman, **L.M. Simon**, and S.K. Johnson. 2023. Grazing cover crops improved soil health in dryland cropping systems. *Kansas Agricultural Experiment Station Research Reports*. 9, 6.
10. **Simon, L.M.**, A.K. Obour, J.D. Holman, S.K. Johnson, and K.L. Roozeboom. 2022. Cover Crop Grazing Effects on Soil Compaction Indicators in Western and Central Kansas. *Kansas Agricultural Experiment Station Research Reports*. 8,4.
11. **Simon, L.M.**, A.K. Obour, J.D. Holman, S.K. Johnson, and K.L. Roozeboom. 2022. Spring and Summer Cover Crop Effects on Dryland Wheat and Grain Sorghum Yields in Western Kansas. *Kansas Agricultural Experiment Station Research Reports*. 8,4.
12. A.K. Obour, **L.M. Simon**, J.D. Holman, and S.K., Johnson. 2021. Does grazing cover crops impact soil properties? *Kansas State University Agronomy eUpdates*, 868.
13. **Simon, L.M.**, A.K. Obour, J.D. Holman, S.K. Johnson, and K.L. Roozeboom. 2021 Forage Accumulation of Spring and Summer Cover Crops in Western Kansas. *Kansas Agricultural Experiment Station Research Reports*. 7, 5.
14. **Simon, L.M.**, A.K. Obour, J.D. Holman, S.K. Johnson, and K.L. Roozeboom. 2021. Dual-Purpose Cover Crop Effects on Soil Health in Western Kansas No-Till Dryland Cropping. *Kansas Agricultural Experiment Station Research Reports*. 7, 5.
15. A.K. Obour, **L.M. Simon**, J.D. Holman, and S.K. Johnson. 2021 Does Grazing Cover Crops Impact Soil Properties? *Kansas Agricultural Experiment Station Research Reports*. 7, 5.
16. **Simon, L.M.**, A.K. Obour, J.D. Holman, and K.L. Roozeboom. 2020. Long-Term Cover Crop Management Effects on Soil Health in Semiarid Dryland Cropping Systems. *Kansas Agricultural Experiment Station Research Reports*: 6, 5.
17. A.K. Obour, J.D. Holman, **L.M. Simon**, and S. Johnson. 2020. Dual Use of Cover Crops for Forage Production and Soil Health in Dryland Crop Production. *Kansas Agricultural Experiment Station Research Reports*: 6, 5.

### **PROCEEDINGS AND ABSTRACTS**

1. **L.M. Simon**, A.K. Obour, J.D. Holman, S.K. Johnson, and K.L. Roozeboom. 2023. Flexible fallow replacement with cover crops in a water-limited High Plains cropping system. 2023 ASA-CSSA-SSSA International Meeting. St. Louis, MO.
2. Holman, J.D., A.K., Obour, and **L.M. Simon**. 2023. Integrating cover crops and annual forages into traditional cereal grain crop rotations on the High Plains. 2023 ASA-CSSA-SSSA International Meeting. St. Louis, MO.
3. **L.M. Simon**, A.K. Obour, J.D. Holman, M.E. Schipanski, S.K. Johnson, and K.L. Roozeboom. 2022. On-Farm Soil Health Practices Effect Wind Erosion Potential in the

- Semi-Arid Central Great Plains. 2022 ASA-CSSA-SSSA International Meeting. Baltimore, MD.
4. M.A. Lawrence, A.K. Obour, J.D. Holman, **L.M. Simon**, A.J. Schlegel, L.A. Haag, and K.L. Roozeboom. 2022. Effect of Strategic Tillage on Crop Yield and Soil Properties in a Wheat-Sorghum-Fallow Rotation. 2022 ASA-CSSA-SSSA International Meeting. Baltimore, MD.
  5. **Simon, L.M.**, A.K. Obour, J.D. Holman, M.E. Schipanski, S.K. Johnson, and K.L. Roozeboom. 2021. Post-Wheat Summer Cover Crop Effects on Crop Yields and Soil Properties in a No-Till Dryland Cropping System. 2022 Great Plains Soil Fertility Conference. Denver, CO.
  6. P.S. Mauler, J.D. Holman, **L.M. Simon**, A.K. Obour, S.K. Johnson, and K.L. Roozeboom. 2021. Soil Properties Affected by Grazing and Tillage of Annual Forages. 2022 Great Plains Soil Fertility Conference. Denver, CO.
  7. Obour, A.K., J.D. Holman, M. Y. Assefa, **L.M. Simon**, and P.S. Mauler. 2022. Nitrogen fertilizer application and depth of moist soil at planting affected grain sorghum yield. 2022 Great Plains Soil Fertility Conference. Denver, CO.
  8. **Simon, L.M.**, A.K. Obour, J.D. Holman, M.E. Schipanski, S.K. Johnson, and K.L. Roozeboom. 2021. Post-Wheat Summer Cover Crop Effects on Crop Yields and Soil Properties in a No-Till Dryland Cropping System. 2022 American Forage and Grassland Council Annual Conference. Wichita, KS.
  9. A.K. Obour, J.D. Holman, **L.M. Simon**, and P.S. Mauler. 2022. Utilizing Cover Crops for Forage in the Semi-Arid Central Great Plains. 2022 American Forage and Grassland Council Annual Conference. Wichita, KS.
  10. A.K. Obour, J.D. Holman, **L.M. Simon**, and P.S. Mauler. 2022. Spring Oat and Triticale Forage Production as Affected by Seeding Rate and Nitrogen Fertilizer. 2022 American Forage and Grassland Council Annual Conference. Wichita, KS.
  11. J.D. Holman, A.K. Obour, **L.M. Simon**, and P.S. Mauler. 2022. Nitrogen Application Effects on Forage Sorghum Production and Nitrate Concentration. 2022 American Forage and Grassland Council Annual Conference. Wichita, KS.
  12. P.S. Mauler, J.D. Holman, **L.M. Simon**, A.K. Obour, S.K. Johnson, and K.L. Roozeboom. 2021. Forage Productivity, Weed Density, and Soil Properties Affected by Grazing and Tillage of Annual Forages. 2022 American Forage and Grassland Council Annual Conference. Wichita, KS.
  13. **Simon, L.M.**, A.K. Obour, J.D. Holman, M.E. Schipanski, S.K. Johnson, and K.L. Roozeboom. 2021. Post-Wheat Summer Cover Crop Effects on Crop Yields and Soil Properties in a No-Till Dryland Cropping System. 2021 ASA-CSSA-SSSA International Meeting. Salt Lake City, UT.
  14. A.K. Obour, **L.M. Simon**, J.D. Holman, and S.K. Johnson. 2021. Effects of Grazing Cover Crops on Soil Properties in No-Till Rain-Fed Cropping Systems in West Central Kansas. 2021 ASA-CSSA-SSSA International Meeting. Salt Lake City, UT.
  15. P.S. Mauler, J.D. Holman, **L.M. Simon**, A.K. Obour, S.K. Johnson, and K.L. Roozeboom. 2021. Forage Productivity, Weed Density, and Soil Properties Affected by Grazing and Tillage of Annual Forages. 2021 ASA-CSSA-SSSA International Meeting. Salt Lake City, UT.



16. **Simon, L.M.**, A.K. Obour, J.D. Holman, and K.L. Roozeboom. 2020. Dual-Purpose Cover Crops for Soil Health and Forage Production in the Semiarid Central Great Plains. 2020 ASA-CSSA-SSSA International Meeting. Virtual.
17. Obour, A.K., J.D. Holman, **L.M. Simon**, and S. K. Johnson. 2020. Dual Use of Cover Crops for Forage and Soil Health in Dryland Systems. 2020 ASA-CSSA-SSSA International Meeting. Virtual.
18. **Simon, L.M.**, A.K. Obour, J.D. Holman, and K.L. Roozeboom. 2020. Long-Term Cover Crop and Annual Forage Effects on Soil Organic Carbon, Nitrogen Stocks, and Water Stable Aggregates in the Semiarid Central Great Plains. 2020 Great Plains Soil Fertility Conference. Denver, CO.
19. Obour, A.K., J.D. Holman, **L.M. Simon**, A.J. Schlegel. 2020. Strategic Tillage Effects on Crops Yield and Soil Properties in Dryland Crop Rotations. 2020 Great Plains Soil Fertility Conference. Denver, CO.
20. Holman, J.D., A.K. Obour, **L.M. Simon**, and A.J. Schlegel. 2020. Long-Term Forage Rotation Yields, Soil Water Use, and Profitability. 2020 Great Plains Soil Fertility Conference. Denver, CO.
21. **Simon, L.M.**, A.K. Obour, J.D. Holman, and K.L. Roozeboom. 2019. Long-Term Cover Crop Effects on Soil Organic Carbon, Nitrogen Stocks, and Water Stable Aggregates in the Semiarid Central Great Plains. 2019 ASA-CSSA-SSSA International Annual Meeting. San Antonio, TX.
22. **Simon, L.M.**, J.D. Mihail, A.L. McKendry. 2016. Response of Missouri Soft Red Winter Wheat Varieties to Arbuscular Mycorrhizal Fungi Inoculation. Missouri Life Sciences Week. Columbia, MO.