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| Title: | Applied Forage Management Systems and Agricultural Stewardship |
| Duration: | 10 weeks (approximately May 15 – August 15, 2021) |
| Compensation: | \$4,000 stipend and job-related travel reimbursement |
| Minimum age: | 18 |
| Minimum requirements: (current as of April 2021) | <ul style="list-style-type: none">♦ Must be enrolled in a four-year accredited college or university.♦ Must have completed sophomore year prior to the start of the program. Must NOT be eligible to graduate prior to December 2021.♦ Must possess a minimum overall GPA of 3.0 based on a 4.0 scale at the time of application.♦ Must be a U.S. citizen, national, or permanent resident.♦ Must have a valid driver's license and reliable personal vehicle.♦ Must be willing to travel (regionally) and work flexible hours (approximately 40 hours/week. This position may require travel connected with official duties, including attendance at night and weekend meetings, conferences, etc. |
| Preferred qualifications: | <ul style="list-style-type: none">♦ Familiarity with animal and forage production environments.♦ Good writing and communication skills.♦ Self-motivated learner that can coordinate and implement projects.♦ Ability to analyze and synthesize scientific information.♦ Committed to working with diverse clientele and colleagues.♦ Ability to work effectively and build relationships with others.♦ Proficient in Microsoft Word, PowerPoint, and Excel.♦ Have basic knowledge and skill of operating farm equipment.♦ Have good organization and planning skills and be able to demonstrate effective project coordination, facilitation, and implementation based on past work or school experiences.♦ Have completed coursework in Agricultural Production, Animal Production, or similar. |
| Physical requirements: | <ul style="list-style-type: none">♦ Be able to lift more than 50 pounds.♦ Be able to work in areas with dust particles.♦ Be able to work with livestock (ex. Cattle).♦ Be able to stand in their feet for extended periods of time.♦ Be able to work under summer hot and humid conditions. |
| Apprenticeship Description: | <p><i>Are you interested in agriculture, animal production, or applied scientific research? If so, then this unique experience will provide you with the opportunity to conduct, analyze, and present applied agricultural research, develop Extension materials, and become familiar with forage production and grazing management in the southern US through meetings and discussions with researchers and industry representatives. The apprentice selected for this program will walk away with a set of tangible skills that employers and graduate schools value. Specifically, the apprentice will:</i></p> <ul style="list-style-type: none">♦ Conduct a research project to investigate the impact of establishing of forage crops small plots and grazing paddocks.♦ Participate in experimental design, field work, data collection and analysis, scientific writing, and organizing and presenting results.♦ Develop an academic poster to be presented at a Producer Advisory Meeting, the MSU Undergraduate Research Symposium, and a regional forage meeting such as Southern Pasture Forage Conference or the American Society of Agronomy Southern Branch. |

- ♦ Present the work in person or virtually during the Warm-season Forage Field Day, webinars, or social media platforms such as Facebook and Twitter.
- ♦ Participate in on farm-visits and develop producer's forage management recommendations.
- ♦ Shadow Extension agents across the state to learn about regional and county level extension programs as well as work with another forage/livestock scientist.
- ♦ Learn and implement technologies used in forage research and producer assessment such as NIRS, NDVI, UAV (drones), phone applications, etc.
- ♦ Maintain a reflection journal outlining apprenticeship experiences.

For specific questions about this Applied Forage Management apprenticeship opportunity, contact:

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Professor and Extension Forage Specialist

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**Other
Information:**

Housing is not provided. However, program administrators may be able to assist you in finding an affordable place to live. To learn more about the MSU Extension Undergraduate Apprenticeship Program, visit <http://extension.msstate.edu/apprentice>.

**Application
Process:**

Online application due by **11:59 PM on February 14, 2021**. To apply visit:

<https://bit.ly/2021MSUESApprenticeship>

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