

Apprenticeship Title:	Poultry House Engineering and Management
Duration:	10 weeks (approximately May – August, 2019)
Compensation:	\$4,000 stipend and job-related travel reimbursement
Minimum age:	18
Minimum requirements:	<ul style="list-style-type: none"> • Must be currently enrolled in a four-year accredited college or university in a course of study relevant to the mission of Extension. • Must have completed sophomore year prior to the start of the program. Must NOT be eligible to graduate prior to December 2019. • Must possess a minimum GPA of 3.0 based on a 4.0 scale at the time of application (exceptions will be considered with substantial justification). • 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 possibly internationally) and work flexible hours. In other words, this position requires travel connected with official duties, including attendance at night and weekend meetings, conferences, etc. (Travel reimbursement will be provided.)
Preferred qualifications:	<ul style="list-style-type: none"> • Familiarity with animal 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.
Physical requirements:	Ability to engage in light field work during summer conditions
Specific Apprenticeship Description:	<p>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 the state’s largest agricultural commodity (poultry) 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:</p> <ul style="list-style-type: none"> • Conduct a research project to investigate the use of biochar as a potential benefit to poultry litter, bird welfare, and overall house conditions. • Participate in field work, data collection and analysis, scientific writing, and organizing and presenting results. • Develop an academic poster to be presented at a Research and Extension Centers’ Producer Advisory Meeting, the MSU Undergraduate Research Symposium, and at the International Poultry Scientific Forum in Atlanta, GA.

	<ul style="list-style-type: none">• Assist in translating the study results into an Extension fact sheet on poultry litter moisture management.
Other Information:	<p>Housing is not provided. However, program administrators may be able to assist you in finding an affordable place to live.</p> <p>For specific questions about this apprenticeship opportunity, contact:</p> <p>Dr. John Linhoss Assistant Extension Professor Dept. of Agricultural & Biological Engineering Phone: 662.325.1978 john.linhoss@msstate.edu</p>
Application Process:	Online application (http://extension.msstate.edu/apprentice) and supplemental documentation due by 11:59 PM on February 28, 2019.