

Research Associate  
North Carolina A & T State University

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Posted Jan. 25, 2021, set to expire Sep. 26, 2021

<b>Job Title</b>	Research Associate
<b>Department</b>	Animal Sciences
<b>Institution</b>	North Carolina A & T State University Greensboro, North Carolina
<b>Date Posted</b>	Jan. 25, 2021
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Research Scientist/Associate
<b>Academic Field(s)</b>	Food & Nutritional Science
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**Job Description**

The research associate will be responsible for conducting on-farm and laboratory experiments, to investigate the efficacy of different plant nutraceutical blends to improve feed efficiency and gut health and reduce greenhouse gas emissions. The project will involve generation and interpretation of multi-omics data (genomics, metabolomics, microbiomics and proteomics) so knowledge of big data analytics is important. The research associate will be involved in the collection of fecal and ruminal samples from beef cattle and dairy cows, and performing downstream laboratory analyses on the samples.

The incumbent will be using various nutritional evaluation techniques - in vitro batch culture, in situ and RUSITEC techniques. Knowledge of cellular and molecular biology techniques is desired but not required.

Furthermore, candidate will be responsible for statistical analysis of research results, and also assist in manuscript preparation/writing, as well as student supervision. Candidate should also be highly motivated and willing to learn new research techniques as necessary.



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Candidate will also be responsible for daily management of the research laboratory, maintenance (and repair) of equipment, ensuring compliance of laboratory personnel with university safety regulations, and carry out other job-relevant duties as assigned.

**Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**

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