Growth Physiology and Metabolism Graduate Research Positions

The laboratories of Kristen Govoni and Sarah Reed in the Department of Animal Science in the College of Agriculture, Health, and Natural Resources at the University of Connecticut are seeking two Ph.D. students for the Fall 2017 semester in the area of animal growth and metabolism.

The students will work on a collaborative project evaluating the effects of maternal diet during gestation on offspring muscle and liver metabolism using a sheep model. Specifically, the students will engage in sample collection and analysis including histology, mRNA expression and metabolomics approaches. The students will also be required to assist faculty with one course a year, collaborate with other graduate students in the lab and department, and mentor undergraduates. The candidates must have previous laboratory experience, B.S. (in Animal Science, Biology, Biochemistry, Nutrition, or closely related field), strong work ethic, excellent verbal and written communication skills, and be a team player. Preference will be given to candidates with a M.S. degree in Animal Science or Biochemistry, knowledge of histology, gene expression, and cell culture techniques. For further information on the position and or questions, please contact Kristen E. Govoni: kristen.govoni@uconn.edu or Sarah Reed: sarah.reed@uconn.edu. Apply to the UConn Graduate School grad.uconn.edu/prospective-students/applying-to-uconn/

The Department of Animal Science (http://animalscience.uconn.edu/) offers A.A.S., B.S., M.S. and Ph.D. degrees and is comprised of 15 faculty members with research interests in food science, physiology, nutrition, molecular genetics, and general animal management. The University of Connecticut is AAALAC accredited. Complete information on the department and its programs can be found at http://www.animalscience.uconn.edu/. The Institute for Systems Genomics and the Center for Genome Innovation on the Storrs campus foster a strong collegial atmosphere in genomics and unparalleled infrastructure support for research and training in genetics, genomics, and bioinformatics. The UConn Technology Park, Bioscience Connecticut Initiative, and Next Generation Connecticut, recently approved by the state of Connecticut with funding of $1.5 billion, will offer exceptional opportunities to establish interdisciplinary collaborations with other investigators and industry partners, particularly in STEM disciplines. In partnership with the Jackson Laboratory, the University has recently developed the Jackson Laboratory for Genomic Medicine, a collaborative nonprofit research institute, which will provide opportunity for valuable collaborations.

The University of Connecticut is committed to building and supporting a multicultural and diverse community of students, faculty and staff. The diversity of students, faculty and staff continues to increase, as does the number of honors students, valedictorians and salutatorians who consistently make UConn their top choice. More than 100 research centers and institutes serve the University's teaching, research, diversity, and outreach missions, leading to UConn's ranking as one of the nation's top research universities. UConn's faculty and staff are the critical link to fostering and expanding our vibrant, multicultural and diverse University community. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities and members of traditionally underrepresented populations.