Fetal Programming Graduate Research Position

The Fetal Programming Research Group (https://fprg.research.uconn.edu/) at UConn is seeking a Ph.D. student to begin summer 2022. The student will work in the laboratory of Kristen Govoni in the Department of Animal Science in the College of Agriculture, Health, and Natural Resources at the University of Connecticut.

The student will work on a collaborative project evaluating the effects of maternal diet during gestation on offspring liver metabolism and epigenetic regulation using a sheep model. Specifically, the student will oversee an in vivo nutrition study in sheep, necropsy sample collection, and analysis including histology, mRNA expression, and epigenetic approaches. The student 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 candidate must have previous laboratory experience, B.S. (in Animal Science, Biology, Biochemistry, Nutrition, Epigenetics, 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 Epigenetics, large animal experience, knowledge of histology, gene expression, sequencing, and bioinformatics techniques. For further information on the position and or questions, please contact Kristen E. Govoni: kristen.govoni@uconn.edu.

Apply to the UConn Graduate School (https://grad.uconn.edu/admissions/apply-to-uconn/)

The Department of Animal Science (http://animalscience.uconn.edu/) includes 19 tenured, tenure-track, and teaching faculty and 22 staff members. Faculty expertise includes food science and microbiology, meat science and muscle biology, poultry and livestock production, growth physiology, genetics and genomics, reproductive physiology, equine science, and animal biotechnology. The Department has approximately 400 undergraduate majors pursuing AAS and BS degrees and 35 graduate students pursuing MS and Ph.D. degrees. In addition to classroom instruction, the undergraduate curricula include experiential learning, study abroad opportunities, and undergraduate research programs. A meat processing facility, commercial creamery, and AAALAC accredited farms (beef cattle, sheep, poultry, swine, horses, and a dairy facility) that support both research and teaching are located on the Storrs campus.

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.