Fetal Programming Postdoctoral Research Associate

JOB SUMMARY

The Fetal Programming Research Group (https://fprg.research.uconn.edu/) at UConn is seeking a postdoctoral research associate to begin September 2023. The individual will work in the laboratory of Dr. Kristen Govoni in the Department of Animal Science in the College of Agriculture, Health, and Natural Resources at the University of Connecticut. We are seeking a highly-motivated and organized team player with demonstrated leadership skills. The Govoni lab in collaboration with Drs. Sarah Reed and Steve Zinn, uses the sheep model to investigate the impact of maternal diet during gestation on fetal and postnatal development with a focus on metabolism, oxidative stress, and epigenetic regulation. We use a variety of molecular techniques to identify the mechanism(s) that cause change in offspring growth and metabolism and cutting-edge sequencing and bioinformatics techniques to determine the role of epigenetics in the persistent long-term effects associated with poor maternal nutrition.

The Department of Animal Science (http://animalscience.uconn.edu/) includes 20 tenured, tenure-track, and teaching faculty and 21 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 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.

For further information on the position and or questions, please contact Kristen E. Govoni: kristen.govoni@uconn.edu.

DUTIES AND RESPONSIBILITIES

The individual will work on USDA funded projects evaluating the impacts of maternal diet on offspring growth and metabolism using a sheep model. The successful candidate will be expected to assist with sequencing experiments, bioinformatics, and manuscript preparation. They will assist with ongoing research projects including animal care, sample collection, and student schedules. In addition, they will be expected to think critically to design studies, analyze and interpret data, prepare manuscripts, and develop grants for extramural funding.
MINIMUM QUALIFICATIONS

- Ph.D. in Animal Science or closely related field
- Experience with molecular biology techniques, sequencing, and bioinformatics
- Evidence of peer-reviewed publications and scientific presentations
- Ability to work independently
- Strong written and oral communication skills
- Strong interpersonal skills

PREFERRED QUALIFICATIONS

- Experience with livestock species

APPOINTMENT TERMS

This position is a full-time, 12-month appointment. The position may be annually renewable based on performance, budget, and needs of the department and college.

TERMS AND CONDITIONS OF EMPLOYMENT

Employment of the successful candidate is contingent upon the successful completion of a pre-employment criminal background check.

TO APPLY

Please email a CV, cover letter, and contact information for three (3) professional references to kristen.govoni@uconn.edu. This job posting will be open until filled.

All employees are subject to adherence to the State Code of Ethics which may be found at http://www.ct.gov/ethics/site/default.asp.

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.