

Title: Postdoctoral Fellow – Bioinformatics / Genomics

College: Veterinary Medicine and Biomedical Sciences

Department: Biomedical Sciences

Salary: Commensurate with experience

Requirements:

Colorado State University, Animal Reproduction and Biotechnology Laboratory (ARBL) is an interdisciplinary program with faculty representing 3 departments (Biomedical Sciences, Clinical Sciences and Animal Sciences) from 2 colleges (College of Veterinary Medicine and Biomedical Sciences and College of Agricultural Sciences). The ARBL has a rich history in reproductive innovation and is internationally and nationally recognized for these successes. The ARBL is currently building a web-based database that will be used to catalogue the genomic and proteomic profiles of reproductive tissues. Tissues have and will be collected from a multitude of species at defined reproductive stages. Genomic and proteomic data will be extracted from each. It is our intention to make these data available to researchers around the world and to collect similar data for inclusion in this database.

Applicants must have a Ph.D. in Molecular Biology, Bioinformatics, Physiology, Genetics, Animal Sciences, Computer Sciences or other related fields. Interest and knowledge of reproductive physiology is preferred. Experience in software/database development or NextGeneration sequencing would be beneficial but not required. Applications will be accepted from graduate students completing their doctoral degree requirements, but the degree must be completed before applicants can begin their postdoctoral appointment.

Duties:

The successful candidate will serve as the interface between software engineers/database designers and physiologists who are end users of the system. As such, this individual will be responsible for genome annotation, data analysis, sequence alignments, and comparative genetics. The results of data analysis will be integrated into CSU's recently initiated Transcriptome Library project - www.transcriptomelibrary.com.

Application Deadline:

March 15, 2011 or until a suitable candidate has been identified

To Apply:

Send resume and three letters of reference to Brenda Martin, CSU ARBL, 1683 Campus Delivery, Fort Collins, CO 80523 – 1683 or by e-mail bdmartin@colostate.edu. Questions may be directed to Brenda Martin at (970) 491-5621.

Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.

Colorado State University is an equal opportunity/affirmative action employer and complies with all Federal and Colorado State laws, regulations, and executive orders regarding affirmative action requirements in all programs. The Office of Equal Opportunity is located in 101 Student Services. In order to assist Colorado State University in meeting its affirmative action responsibilities, ethnic minorities, women and other protected class members are encouraged to apply and to so identify themselves.