Colorado State University: Associate Director of GAUSSI Program

GAUSSI is a campus-wide transdisciplinary graduate training program for Generating, Analyzing, and Understanding Sensory and Sequencing Information. The Associate Director will be involved with research activities integrated with the training program to address themes critical to advance understanding of fundamental data-related questions facing biological and biomedical sciences. Interdisciplinary teams will be forged to tackle research involving biological sensors, detection of microbes, regulation of gene expression, and evolutionary genomics and genome assembly.

Faculty across engineering, life sciences, computer science, mathematics, and statistics will develop a flexible, customizable collection of educational modules, to create personalized training experiences for students from diverse backgrounds. Trainees will develop the skills and tools to process, analyze, visualize, and understand large data-sets from bio-sensing to next generation DNA sequencing. Additionally, the program incorporates a wide range of transferable skills training so that trainees will be well equipped to engage and lead data-centric research within academia, government, or industry.

The ideal candidate must have a strong desire to be a part of a highly multidisciplinary team of faculty members to build a strong campus-wide training and research program. The candidate should be a success-driven and self-motivated individual with an industrial and/or academic background relevant to understanding big data analyses. Applicants. Ability to effectively interact with three different constituencies of the GAUSSI program (CSU faculty and administrators, industrial partners, and federal agencies) to advance GAUSSI’s training and research agenda is highly desirable. The program coordinator will be actively involved in all aspects of the GAUSSI program and reports to the director of the GAUSSI program.

For more details and the complete job announcement, see https://jobs.colostate.edu/postings/17149.