

Post-Doctoral Position: Machine Learning and Veterinary Medicine

We are pleased to offer a 2-year postdoctoral position opportunity in application of machine learning techniques in veterinary medicine and animal sciences. This person will work with a multi-disciplinary team including clinical and academic experts in medical imaging, dairy science, and computer science in developing artificial intelligent systems via image analysis and integration of data from sensor and non-sensor data streams in dairy farms, joining the labs of Dr Parminder Basran, PhD in the College of Veterinary Medicine, and Dr Julio Giordano in the College of Animal and Life Sciences. This position is partially supported by the Cornell Institute for Digital Agriculture (CIDA) and is available immediately.

The ideal candidate will have expertise in the data sciences with software programming skills in Python, Matlab, Julia or others. A post-graduate degree (PhD or equivalent) in veterinary, animal, or the biological science is desired but not required. The position will require some work with cattle at the dairy units of Cornell University and commercial dairy farms in the upstate New York region. Ideally, the candidate feels comfortable conducting basic handling work with large animals in a dairy farm setting. The ideal candidate will enjoy working and communicating with a multi-disciplinary team of academics, clinical experts, and students at Cornell University, and will have opportunities to present and publish scholarly work at local, national, and international venues.

Salary will be commensurate with credentials and experience.

Cornell is located in the heart of the beautiful Finger Lakes Region of New York State, Cornell University is a center for discovery, academic leadership, and service. Commitment to achieving excellence through diversity and inclusion has been Cornell University's heritage. We are a recognized employer and educator valuing AA/EEO, Protected Veterans and Individuals with Disabilities. We welcome candidates who are equally committed to these values and who will strengthen our climate by fostering diversity and inclusion.

The safety and well-being of applicants and our team members is of the utmost importance. Because of campus closures and the likelihood of ongoing travel restrictions due to the COVID-19 outbreak, we will be conducting virtual interviews with qualified candidates.

Informal inquiries regarding the position may be directed to Dr. Parminder Basran psb92@cornell.edu or Dr. Julio Giordano jog25@cornell.edu.

To apply please go to <https://academicjobsonline.org/ajo/jobs/17119> and submit a cover letter including statement of career goals; curriculum vitae; statement of research interests and plans, and inclusion and diversity; and 3 referees. Application materials may also be sent directly to Dr. Parminder Basran at psb92@cornell.edu