

Parminder S. Basran, Ph.D., FCCPM



Parminder Basran, Ph.D., is an Associate Research Professor and Medical Physicist at Cornell College of Veterinary Medicine, providing research, education, and clinical support. He is passionate about sharing knowledge of what medical physicists do with the public and improving global access to cancer care. Dr. Basran leads the VAIDER Lab: Veterinary Artificial Intelligence in Diagnostic Imaging and Radiotherapy, investigating AI's use in livestock and companion animals, along with novel uses of radiotherapy within the veterinary setting. He also serves in provincial, national, and international professional societies, including Medical Physics for World Benefit and the American Association of Physicists in Medicine as Chair of the Working Group on Veterinary Radiation Oncology.