

Prof. Pavneesh Madan

Professor | Biomedical Sciences | Ontario Veterinary College | University of Guelph

Prof. Pavneesh Madan is a faculty member at the Ontario Veterinary College (OVC), University of Guelph, Ontario, Canada and participates in the academic triad of research, teaching and veterinary clinical practice.

Dr. Madan did his BVSc&AH & MVSc from College of Veterinary Sciences, Hisar, India and pursued his doctoral studies at the University of British Columbia, Vancouver, Canada. He completed his post-doctoral training at the University of Western Ontario, Canada. His research interests include embryo gene expression, metabolomics, gene inhibition, genetic manipulation, cloning and in developing markers for embryonic health. Dr. Madan also passed the North American Veterinary Licensing Exam (NAVLE) and the Clinical Proficiency Exam (CPE) to acquire the Certificate of Qualification (CoQ) from the NEB (National Examination Board), a certification given by the Canadian Veterinary Medical Association (CVMA). He continues to practice as a locum small animal veterinarian at the OVC's Primary Healthcare Centre (PHC).

Through the help of funding from Canadian Foundation for Innovation (CFI), Prof. Madan has developed "Centre for Embryonic Health and Viability" (CEHV), which is undertaking cutting edge science in the field of early embryo development. Other sources of funding for his research include funds from the Natural Sciences and Engineering Research Council (NSERC), Canadian Institutes for Health Research (CIHR), OMAFRA (Ontario Ministry of Agriculture, Food and Rural Affairs) and Dairy Farmers of Ontario (DFO). Dr. Madan is a recipient of several research and teaching awards, which include Elizabeth Roxann Howland Fellowship (thrice), and Wyeth Award for Research Excellence (thrice). He is also a two-time winner of the Pfizer- Carl J. Norden Distinguished Teacher Award, which is the highest teaching award in the field of Veterinary Medicine. He is also a recipient of the peer reviewed, University of Guelph Faculty Association's Distinguished Professorial Award. Dr. Madan serves on the editorial board of a few prestigious journals and has been an invited editor for a few special issue journals and books.

Prof. Madan has provided leadership in the area of international collaborations and spearheaded the OVC's international engagement in India, Brazil and Vietnam. He has also been the University of Guelph representative for the Shastri Indo Canadian Institute since 2014. He has been the Global Initiative of Academic Networks (GIAN) visiting professor in India and an invited scientist to Beijing, China.