



# Quick Facts

## Ontario Veterinary College

Ranked within the Top 10 for Veterinary Sciences Worldwide

- Founded in 1862; the oldest veterinary college in Canada and the United States
- One of three founding colleges of the University of Guelph in 1964
- Ontario's only veterinary college and one of five in Canada
- Fully accredited by the Council on Education of the American Veterinary Medical Association (AVMA) and the Canadian Veterinary Medical Association (CVMA)
- The college is focused on improving health - the health of animals, humans and the environment - and is engaged with many species. To achieve this vision, OVC provides opportunities for learning, research and healthcare
- Student veterinarians educated through OVC learn a comparative, cross-species approach to diagnostics, therapeutics and preventive medicine in order to provide comprehensive global solutions

OVC

### Our Vision

A world leader, integrating animals, human and environmental health through innovation, excellence and societal relevance.

### Our Mission

Educate veterinarians and scientists, create new knowledge and provide expert services to improve the health and well-being of animals, people and the environment.

### Our Motto

*Opus Veterinum Civibus: The Craft of the Veterinarian is for the Good of the Nation.*

### OVC Educational Programs:

- Four-year professional DVM degree
- BSc degrees with other colleges in Bio-Medical Science and Technology
- Graduate programs for graduate diploma (GDip), MSc, Masters of Public Health (MPH), Master of Bio-Medical Sciences (MBS), PhD, collaborative PhD in Population Medicine and International Development and Doctor of Veterinary Science (DVSc) degrees
- Clinical specialists-in-training programs
- Summer Career Opportunities and Research Experience for DVM and BSc students (S-CORE)

### OVC Stats in 2015-16:

- 460 DVM students
- >300 Graduate students
- 132 Faculty and Veterinarians
- 196 full-time staff
- OVC faculty teach >75 non-DVM courses with over 6400 students
- Masters of Public health program has 51 students

### Four Academic Departments:

- Biomedical Sciences
- Clinical Studies
- Pathobiology
- Population Medicine

### OVC Health Sciences Centre:

The OVC Health Sciences Centre (OVC HSC) provides learning and research opportunities while offering medical and surgical health care. It is a major window for the community into the work of OVC and the University of Guelph. There are approximately 16,000 patient visits from companion animals, equine, farm animals and exotic species each year.

- Large Animal Hospital
- OVC Companion Animal Hospital
- OVC Smith Lane Animal Hospital located with in the Hill's Pet Nutrition Primary Health Care Centre
- Mona Campbell Centre for Animal Cancer
- Equine Sports Medicine and Reproduction Centre
- Ruminant, Swine and Poultry Field Service and On-Farm Healthcare

### OVC Pet Trust:

OVC Pet Trust is Canada's first charitable fund entirely dedicated to advancing the health and well being of companion animals. Projects funded by OVC Pet Trust have led to major improvements in anesthesia and pain control in pets, heart disease and heart monitoring techniques, understanding the human-animal bond and more.

Ontario Veterinary College

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UNIVERSITY  
of GUELPH

CHANGING LIVES  
IMPROVING LIFE

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## Funding

- Base funding for the OVC comes from the Ontario Ministry of Training, Colleges and Universities (MTCU) and the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA), including the Veterinary Clinical Education Program (VCEP).
- In 2016, Ontario Ministry of Training, Colleges and Universities (MTCU) announced the commitment of the Province of Ontario to provide over \$23 Million dollars in infrastructure funding to create new spaces for enhanced clinical teaching and learning at OVC.
- In October 2015 OVC Pet Trust launched a \$9 Million dollar campaign to create new advanced surgery and anesthesia facilities within the OVC Health Sciences Centre. As of April 2016 \$6.5 Million dollars in private donations have been committed.
- Research funding is expanding, with external funding from the Natural Sciences and Engineering Research Council (NSERC), the Canadian Institutes of Health Research (CIHR), the Canada Foundation for Innovation (Cfi), and the Canada Research Chairs (CRC), program and the OMAFRA-UG partnership as well as other funding agencies.
- The OVC is grateful for its broad base of support from industry, including animal health companies and commodity organizations, as well as support from alumni, individuals and foundations.

## OVC Research stats

- Over \$20 million in competitive grants and contracts awarded to OVC in 2012-2013
- 1 CRCTier I Chair in Animal Reproductive Biotechnology
- 2 CRCTier II Chairs- 1 in Veterinary Pathology and 1 in Zoonotic Diseases
- 1 CRC Chair in Population Disease Modelling

## Research Networks and Institutes

- UG Institute for Comparative Cancer Investigation
- UG Centre for Public Health and Zoonoses
- UG Campbell Centre for the Study of Animal Welfare
- UG Equine Guelph
- UG Poultry Health Research Network
- UG Centre for Cardiovascular Investigations

## OVC Collaborations with Research Agencies, Organizations and Centres including:

- Comparative Oncology Trials Consortium with the US National Institutes of Health (NIH)
- Public Health Agency of Canada (Laboratory for Foodborne Zoonoses)
- Health Canada
- Canadian Food Inspection Agency
- Canadian Integrated Program for Antimicrobial Resistance Surveillance
- World Health Organization
- United States Food and Drug Administration

## Did you know....

**...that** the Ontario Veterinary College is an economic engine, directly contributing more than \$125M to Ontario's economy and generating 800 jobs annually [Deloitte LLP OVC Economic Impact Study, 2014]. According to the analysis, OVC provides the government with an excellent return on its investment, supporting \$1.3B in small businesses throughout the province and the \$20B food animal and agriculture sector. OVC brings broad-based value to the province and beyond, particularly in animal health, food production, security and safety, emergency preparedness and infectious diseases.

**...that** the OVC Smith Lane Animal Hospital, located in the Hill's Pet Nutrition Primary Healthcare Centre (Hill's PHC), brings unique learning opportunities for students preparing to become practicing veterinarians. The primary care program at Hill's PHC is creating the global model for educating student veterinarians to provide exceptional healthcare and service delivery.

**...that** OVC Clinical Studies researcher Dr. Adronie Verbrugghe holds the Royal Canin Veterinary Diet Endowed Chair in Canine and Feline Clinical Nutrition, the first of its kind in Canada. As one of the few board-certified veterinary nutritionists in Canada, Verbrugghe is a leader in developing a companion animal nutrition curriculum for veterinary students in Ontario. Verbrugghe is seeking novel dietary solutions that can help prevent and treat feline obesity, work that may also have translational health benefits for both dogs and people.

**... that** OVC researcher Dr. Jan Sargeant, director of the Centre for Public Health and Zoonoses, and Victoria Ng, with the Public Health Agency of Canada, teamed up to create a new decision-making tool to aid agriculture, government, and animal and human health experts in the complicated task of prioritizing responses to zoonotic diseases and outbreaks.

**...that** the Poultry Health Research Network (PHRN), which brings together 40 experts from the U of G, Public Health Agency of Canada, Ontario Ministry of Agriculture, Food and Rural Affairs, Poultry Industry Council and the Canadian Poultry Research Council. Members from OVC have a key role in new studies funded by the Poultry Science Cluster and share about one-third of the \$3.1 million received by the University of Guelph from the federal government and industry stakeholders.

**...that** Dr. Sherilee Harper uses ecosystem approaches to health to examine Indigenous environmental health outcomes in the context of climate change, and she collaborates with Indigenous partners to prioritise climate-related health actions, planning, interventions, and research.

**...that** Dr. Sarah Wooton, researcher in the department of Pathobiology, is currently investigating novel methods for lung gene therapy and lung stem cell therapy. Through recently funded projects she hopes to directly address the cause of Cystic Fibrosis by developing a viral gene therapy vector to permanently deliver therapeutic genes to the lung.

**...that** DFO Chair, Dr. Dave Kelton has collaborated with provincial dairy boards, university colleagues and stakeholders across Canada to conduct the first ever National Dairy Study conducted in Canada. Modelled after the National Animal Health Monitoring Study (NAHMS) in the United States, this breakthrough project will serve as a benchmark for dairy health and herd management in order to compare the Canadian dairy industry to its international counterparts.