CHAIR’S NOTE

First, I want to welcome the new grad students that started this fall, and welcome everyone else back. I always find it a bit exciting in September as it seems like we’re starting a new year, even though most of us are here all year. I think we have an exciting year coming up, but it will definitely be a busy year and a year of transition for the department as we have several faculty and staff searches underway. While these searches take a lot of work, this is an opportunity for us to bring in new people, embrace new ideas and research areas, and redefine who we are as a department.

Hopefully I’ll be able to provide lots of updates in the next few editions of the Pathobiologist.

Brandon Lillie

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Dr. Shayan Sharif has been appointed as the incoming Associate Dean, Research and Graduate Studies at the University of Guelph’s Ontario Veterinary College (OVC). Dr. Sharif begins a five-year term on September 1, 2019. > OVC Bulletin

Dr. Dale Smith recently attended the Joint Leibniz-IZW/EAZWV/ECZM Zoo and Wildlife Health Conference 2019 (aka the European Zoo Vet Meeting) in Kolmården, Sweden. Also attending were a number of Pathobiology graduate alumni from the Zoo and Avian/Exotics programs. Two presentations were given that derived from our collaborations with the Toronto Zoo.

Congratulations to Dr. Darren Wood who was elected the President of the ASVCP Executive Board. Wood was also awarded with the 2019 ASCVP Education Award.

The Dept of Pathobiology is extremely excited to announce we’ve been awarded a Canada Research Chair Tier II position in Animal Disease Genomics & Bioinformatics; position now posted at Asst. or Assoc. Prof level. > More info

Dr. Ellie Milnes received second place in the student presentation competition, and was also the recipient of the The Rudolf Ippen Young Scientist Award. This very prestigious award “honours a young scientist whose scientific output, particularly the papers published in the past 12 months, document the beginning of a promising career in wildlife veterinary science, conservation medicine, or zoo animal medicine” > more details

Congratulations to the students who won the Graduate Student Presentation awards at the recent Small Ruminant Veterinarians of Ontario/Sheep Veterinary Society of the UK joint meeting. The winners were: 1st Emma Borkowski, 2nd Emily Ratsep, 3rd Evelin Rejman

Byram Bridle’s lab group hosted a high school student over the past two semesters as part of the Sanofi Biogenius Challenge Canada competition. Her name is Christina Napoleoni. She was awarded 1st place. > more details

Congrats to Sarah Robinson, Kurtis Sobkowich, and Karen Carlton on having the top presentations in the student two minute challenge at CPHA2019.
What dog owners need to know about brucellosis after recent cases in Ontario
"We’re trying to sort out what the problem is,” said Scott Weese, a professor at the Ontario Veterinary College at the University of Guelph and an infectious disease researcher. He noted there’s been a concern about the bacteria for a while, particularly in imported dogs and commercial breeders. Read Full Article | CBC News |

How to protect yourself from disease-causing ticks
Andrew Peregrine, a parasitic infection expert at the University of Guelph’s Ontario Veterinary College, also cites the growing population of white-tailed deer. And since ticks are frequently carried by migratory birds, they can travel almost anywhere in Ontario. Read full article | ON Nature | |

Potentially Deadly Tapeworm More Widespread in Ontario Than Thought, U of G Research Finds
A tapeworm that can infect dogs and humans and lead to potentially fatal illness is now widespread in southern Ontario, new work by Ontario Veterinary College (OVC) researchers at the University of Guelph has revealed.
The results of the study by Prof. Andrew Peregrine, PhD student Jonathon Kotwa and a team from OVC’s Department of Pathobiology appear in the February edition of the U.S. Centers for Disease Control’s Emerging Infectious Diseases journal. Read Full Article | UofG News | CBC NEWS | CBC NETWORK | CTV NEWS | The Record | CDC |

U of G Research Finds Many Backyard Flock Owners Not Following Proper Hygiene
While many people now keep chickens or ducks in their backyards, there has been little research into how many of these birds are carrying dangerous pathogens or what flock owners are doing to prevent pathogens from spreading until now.
University of Guelph researchers are the first to uncover that many Ontario backyard birds are carrying dangerous pathogens, and a significant number of flock owners are not following proper hygiene practices. Read Full Article | UofG News |

OVC Prof Appears in Consumer Reports Article on Pet Illnesses
Prof. Scott Weese was featured in a Consumer Reports article about the link between antibiotic overuse in pets and subsequent disease outbreaks in humans.
A professor of pathobiology at the Ontario Veterinary College at the University of Guelph, Weese has extensively studied antimicrobial resistance in pets, such as cats and dogs. Read Full Article U of G News | OVC Pet Trust | Consumer Reports |

Dr. Andrew Peregrine shares his story with Agrespect
I was born in 1961 and grew up in Oxford at a time when the LGBTQ+ environment was very different from today. Read full story | Agrespect |

H1N1 Influenza
We tend to focus on diseases we get from animals and forget that things go both ways. Here our student, Karen Carlton, presents the story of a cat getting H1N1 influenza from a human at CPHAZ2019 | OVCPath Tweet |

Pathobiology Graduate Student Peer Helpers for 2019-2020
Amira Rghei and Beth Zeldenrust have been selected as the Student Peer Helpers for 2019-2020. Peer helpers are graduate students who can assist their fellow graduate students with both academic and personal matters. Their responsibilities include providing broad based support and guidance to all graduate students in the Department in areas such as (but not limited to): managing workload, anxiety and panic, stress management, life balance, time management, and conflict management.
RECENT PUBLICATIONS

Quantifying Antibody Responses Induced by Antigen-Agnostic Immunotherapies. Jacob P. van Vloten, Elaine M. Klafuric, Khalil Karimi, Grant McFadden, James J. Petrik, Sarah K. Wootton* and Byram W. Bridle* (*equal contributions). | Molecular Therapy - Methods and Clinical Development


Quantifying Antigen-Specific T Cell Responses When Using Antigen-Agnostic Immunotherapies. Jacob P. van Vloten, Lisa A. Santry, Thomas M. McAusland, Khalil Karimi, Grant McFadden, James J. Petrik, Sarah K. Wootton*, Byram W. Bridle* (*equal contributions). | Science Direct

Welcome TO PATHOBIOLOGY

The Department would like to wish Donna Kangas and Mary Ellen Clark many adventures and happiness as they say goodbye to the daily work hours and hello to relaxation, travel and more!

From retirement parties, ice cream, teddy bears and conferences. The faculty and staff in Pathobiology have been busy.

PHOTOS, PHOTOS, and more PHOTOS

DVSc Students
Ampuero, Fernanda (Lillie)
Comeau, Dominique (Caswell)

MSc Students
May, Nikola (Ricker)
Minott, Jessica (Bridle)
Paterson, Emilie (G. Wood)
Thomas, Sylvia (Wootton)

PhD Students
Knapp, Jason (Bridle)
Aradanas, Maverick (Ricker)

BINF
Altvater-Hughes, Tess (Mallard)
Rghei, Amira (Wootton)
Robinson, Sarah (Jardine)

Transfer to PhD Program

Anna and Gavin Meredith welcomed their little girl, Mylah Rose Meredith who was born on Sep 17th, 2018 (her due date!) weighing 7 lbs 5 oz.

Carina (PhD Candidate) and Allen Cooper welcomed little Hunter Craig on Aug 29, 2019.

Delighted to announce that Bing and Heng Kang welcomed their beautiful girl, Hope, on April 16, 2019.

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PATHOBIOLOGY SEMINARS
Seminars will take place at 11:30 am and Student Seminars will be at 11:30 and 12:30 in PAHL room 1810 unless otherwise noted

November 8
Pathobiology Student Seminar
1-Rebecca Anderson; 2-Teri-Lyn Hasted
TOPIC: TBD HOST: Student Chair TBD

November 22
PhD Seminar Samantha Allen
TOPIC: “Investigation of Arboviruses in Cervids with an emphasis on Orbiviruses” HOST: C Jardine

November 29
Pathobiology Student Seminar
1-Sarah Robinson; 2-Sunoh Che
TOPIC: TBD HOST: Student Chair TBD

December 6
PhD Seminar Thomas McAusland
TOPIC: “Viral sensitizer-mediated enhancement of oncolytic NDV leads to rapid clearance of primary tumours in a mouse model of melanoma” HOST: S Wootton

December 13
PhD Seminar Ashley Ross
TOPIC: TBD HOST: B Bridle/S Wootton

UPCOMING EVENTS

OVC and U of G EVENTS

Oct 10
Centre for Cardiovascular Investigations
12 PM PAHL 1800

Oct 11
Pet Trust Information Session for Faculty
12:30 PM OVC LLC 1715

October 31
WHMIS Relabelling and Annual Respiratory Fit Testing: go to Department Reminders (below)

November 7
PHRN Research Day
8:30 am - 3:30 pm > Registration

WHMIS RELABELLING - WHMIS legislation has recently changed to adopt new international standards for classifying hazardous materials. > more details

All chemicals require WHMIS 2015 safety data sheets and compliant labels. To maintain compliance, any chemicals you wish to keep that do not have a WHMIS 2015 label require an updated WHMIS compliant label. Failure to comply may result in penalties from the Ministry of Labour. WHMIS compliant labels are being provided Marni Struyk as required for our department. You are asked to complete the relabeling of your inventories by Oct 31, 2019.

Annual Respirator Fit Testing > more details
Wed Oct 30 10:30-12:30 rm 3826 Bldg 89
U of G Occupational Hygienist: Bryan Lee
Sign-up sheet located in the AHL mailroom room 2831/2833 (next to United Way chocolate bars), sign up for preferred time; Max 6 people at a timeslot

INSTRUCTIONS: Please arrive for your timeslot clean shaven; do not eat or chew gum for 15 minutes prior to the test; bring your respirator, as appropriate.

** NOTE ** Annual fit-testing is a requirement for use of 3M respirators, N95 type, half or full face respirators.

SAFETY, HEALTH & WELLNESS

DEPARTMENT WELLNESS ACTIVITIES

MONDAYS Games Day
12-1 pm Rm 3829, Bring a game or join a game.

WEDNESDAYS Knitting Club
12-1 pm Rm 3829, Bring your knitting /learn to knit

WEDNESDAYS Salsa Lessons
AHL organized. For details contact Durda

U of G HEALTH AND WELLNESS ACTIVITIES

WEDNESDAYS Noon Walks
12:15 pm Arboretum > details

HEALTHY WORKPLACE MONTH CALENDAR
> Wellness October webpage
> October 2019 Calendar

OCTOBER IS HEALTHY WORKPLACE MONTH

NEWS from OVC Centres and More

- OVC Bulletin
- Campbell Centre for Animal Welfare
- Centre for Cardiovascular Investigations
- Centre for Public Health and Zoonoses
- Equine Guelph
- Institute for Comparative Cancer Investigations
- OAHN
- OVC Pet Trust
- Poultry Health Research Network
- B4uGetaPet
- U of G News
- Worms and Germs

OTHER USEFUL LINKS

- Grant Opportunities
- Call for Nominations
- Ontario Animal Health Network

DEPARTMENT ADMINISTRATION

Melana Nam,
Operations Manager
Pathobiology & Administrative Manager, OVC SAS HR Services Room 3838 PAHL, Ext 54703 mnam@uoguelph.ca

Marni Struyk
Administrative Assistant to the Chair and Faculty Room 3840 PAHL Ext 54755 mstruyk@uoguelph.ca

NEWSLETTER and SOCIAL MEDIA

Contact Brandon
- News items
- Awards
- Events

Contact Nathalie
- newsletter submissions
- website updates
- research posters
- research websites
- teaching rooms and resources