CHAIR’S NOTE

As unbelievable as it may sound, fall has just arrived! I am just not sure what happened to summer because it was too short and now we have to wait for another 270 days for the arrival of next summer. In the meantime, the academic year has started in full force, so I wanted to take this opportunity and welcome our new graduate students to the Pathobiology family. The new academic year also began with a major event for Pathobiology, which was Dr. Nagy’s retirement. Dr. Nagy mentored several generations of veterinary virologists and, by all accounts, she has been the top veterinary virologist in Canada. Over the last three decades, she has also taught several thousand OVC graduates and, indeed, many of our faculty. We won’t be able to easily replace the wisdom, knowledge and experience that she contributed to Pathobiology, but on behalf of the Department, I would like to wish her the very best.

As a quick note, there will be a pizza lunch on the 25th to welcome the new students and, moreover, it is an occasion for Pathobiology to gather, share some food, have fun, reconnect and establish new connections. Please try to make time to be there and enjoy.

Best, Shayan Sharif

IN THIS ISSUE

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Dr. Byram Bridle received an Innovation Grant worth $200,000 over two years, which is jointly funded by the Canadian Cancer Society Research Institute and CIHR (Institute of Cancer Research). The project is entitled “Combining Oncolytic Virotherapy and Epigenetic Modifiers to Treat Acute Leukemias”.

Drs. Byram Bridle and Sarah Wootton received an Operating Grant worth $120,000 over two years, which is jointly funded by the Cancer Research Society and CIHR (Institute of Cancer Research). The project is entitled “Treatment of Osteosarcoma Lung Metastases with an Infected Cancer Cell Vaccine”.

Dr. Dale Smith, in the Ontario Veterinary College’s Department of Pathobiology, was named University Professor Emerita at the University of Guelph Convocation ceremonies in June.

OVC Professor, Dr. Carlton Gyles, Honoured Nationally for Outstanding Contributions to Veterinary Profession

Congrats Doug Campbell on his retirement. A huge turn out reflects the quality of the man and the impact he’s had on the department, CWHC, and wildlife pathology in Canada.

Betty-Anne McBey, a technician in the Department of Pathobiology, received the Award for Excellence in Wellness, Health and Safety. McBey has spent more than 25 years ensuring the safety and operations of the department’s research and teaching labs.

Pathobiology congratulates the new ACVP diplomates in Anatomic Pathology (Amanda Mansz, Courtney Schott, Emma Borkowski, Rebecca Egan and Russell Fraser) and Clinical Pathology (Karlee Craig and William Gow). Seven new diplomates in one year is an outstanding result, and the department is very proud of their accomplishments.

SEVEN new ACVP diplomates in ONE YEAR is an outstanding result, and the department is very proud of their accomplishments.

Dr. Byram Bridle (left) and Dr. Sarah Wootton (right)

Dr. Carlton Gyles (left) and Doug Campbell (right)

Betty-Anne McBey (left) with Dr. Franco Vaccarino (right)

OVC President and Vice-Chancellor

Dr. Byram Bridle (left) and Dr. Sarah Wootton (right)

Dr. Carlton Gyles (left) and Doug Campbell (right)

ABOVE: Dr. Byram Bridle (left) and Dr. Sarah Wootton (right)
NEWS & TWEETS

Deadly 'fox' tapeworm found in Ontario can kill dogs and humans: Veterinary Parasitologist and media go-to-guy for parasite stories Dr. Andrew Peregrine was at it again, talking to CBC about fox tapeworms that can infect dogs and humans. Story and audio link of interview below. | CBC News

Helping pork producers lower feed costs: Great story on work done by Dr. Brandon Lillie, Dr. Vahab Farzan & their collaborators whose research is trying to help pork producers lower feed costs without impacting health & productivity. | Farms.com

Raccoons experiencing high blood sugar levels from eating our food: Co-author Claire Jardine, a veterinarian and assistant professor from the University of Guelph, collected blood samples from 60 anaesthetized live raccoons. | CBC News

Great new study by Dr. Laura Bourque done in the lab of Dr. Jeff Caswell looking at the impact of oil components on innate immunity in the respiratory system as it pertains to oil spills in the ocean and their impact on cetaceans. | Science Direct

Canadian researchers team up to fight canine osteosarcoma: DOGBONE aims to identify biomarkers in patients with osteosarcoma. “The dogs are a model for the worst of the human disease,” said Geoffrey A. Wood, DVM, Ph.D., DVSc (pathology), of the OVC’s Department of Pathobiology. “Right now, the information we find out in human osteosarcoma serves as a model for the dogs. There’s an opportunity to go both ways between the species, for the benefit of both.” | Veterinary Practice News | @LangevinEqui

Helping Solve the Wildest Crimes

Congratulations to Dr. Lisa Santry (postdoctoral fellow in the Wootton lab) for publishing a portion of her PhD research in a co-first authored paper in the high-impact journal Clinical Cancer Research (impact factor: 10.2). Co-authors included Jacob van Vloten (PhD student in the Wootton/Bridle labs) and Amanda AuYeung (MSc student in the Bridle lab). Senior authors included Drs. Byram Bridle and Sarah Wootton. This research represents a paradigm-changing approach to oncolytic virotherapy that emerged from a strategic collaboration that leveraged unique expertise within the Ontario Veterinary College. | AACR Publications

RECENT PUBLICATIONS


B. Plattner, K. Stinson, M. Baquero, et al: Resilience to infection by Mycobacterium avium subspecies paratuberculosis following direct intestinal inoculation in calves. | PubMed


Congratulations to Dr. Mona Nemer, Canada’s Chief Science Advisor to OVC Pathobiology as part of her U of G visit. She toured the Pathobiology / AHL building, our research animal isolation building, CPHAZ and more with PABI Chair S. Sharif and others. | @OVCPathobiology
Congratulations to **Beth MacMillan** *(OVC Class of 2018)* for receiving an award from the **American College of Veterinary Pathology** in recognition of her outstanding achievement, proficiency and interest in veterinary pathology.

Congrats to Pathobiology **PhD student Carina Cooper** for winning best grad student poster at the **Calgary International Equine Symposium** for her work on Equine Herpesvirus.  |  [@OVCPathobiology](https://twitter.com/OVCPathobiology)

Great job by our summer students at the **CORE Poster Day**, some of which can be seen in tweet, and congrats!! to **Grace Thornton, Julie Calvert, and Sydney Swartz** who won prizes for their posters.  |  [@OVCPathobiology](https://twitter.com/OVCPathobiology)

**HUGE congrats to incoming Pathobiology PhD student Sugandha Raj** for winning one of the inaugural very prestigious **Arrell Food Institute Scholarships**!!!! Expecting great things from her research on avian influenza virus.  |  [Arrell Food Institute](http://www.arrellfoodinstitute.ca/)

**Jamie Rothenberger** was honoured to have been selected as the **U of G recipient of the Governor General Academic Gold Medal** and the **D.F. Forester Medal** for my PhD work in Pathobiology.  |  [@JRothenberger](https://twitter.com/JRothenberger)

Congratulations to PhD student **Ashley Ross** (co-advised by Drs. Bridle and Wootton) for winning the speed-talk competition at the recent annual scientific meeting of the **Canadian Society for Immunology**. In this competition, students were given only one minute to summarize their research. Ashley was the only award recipient out of approximately fifty competitors.

**Congrats to Genna Lumsden** from Pathobiology on being one of the grad student winners at **CPHAZ 2018**  |  [@CPHAZ](https://twitter.com/CPHAZ)

**Congrats to Ryan Snyder** (2nd) and **Rachel Imai** (3rd) for their student oral presentation awards at the **American Association of Veterinary Parasitologists 63rd Annual Meeting** in Denver, Colorado this past July.

**Congratulations to Maria Rosales Gerpe** for receiving an ‘Outstanding Poster Presentation Award’ from the **American Society of Gene & Cell Therapy**.

**Congrats to our Pathobiology graduate students that won awards at the OVC Grad Student Research Symposium:**
- **Emma Borkowski** - 1st (PhD Poster)
- **Shannon French** - 2nd (PhD Poster)
- **Alex Leveille** - 2nd (PhD Oral)
- **Ellie Milnes**, 1st (DVSc Oral)
  |  [OVC Bulletin](https://twitter.com/OVCPathobiology)

**NEW GRAD PIZZA PARTY**

SEP 25 at 12 pm in PAHL 1800

All pathobiology faculty, staff and graduate students welcome!
PATHOBIOLOGY SEMINARS
Seminars will take place at 11:30 am in PAHL room 1810 unless otherwise noted.

Oct 12  
Ryan Snyder  
Host: J. Barta

Oct 19  
TBD  
Host: S. Sharif

Nov 9  
Jonathon Kotwa  
Host: A. Peregrine

Nov 16  
Emma Borowski  
Host: A. Peregrine

Nov 23  
Dr. Samaria Mubareka  
Sunnybrook Health Sciences Centre  
Host: S. Sharif

Nov 30  
PAVI 6440/6450 Student Presentations  
1. Tyler Greer  
Host: G. Wood / J. MacInnes

OVC and U of G EVENTS

Sep 24  
United Way Kick Off  [details]

Sep 26-27  
Rabies Titre Clinics  [details]

Sep 27  
CCSAW Animal Behaviour Welfare  
Seminar 12:30-1:25pm PAHL 1800/1 [details]

Oct 2  
OVC Community event  
12:30-1:30pm PAHL 1800

Oct 1-7  
Mental Health Awareness week  [details]

Oct 11  
CCVI/SOCRA Cardiovascular  [details]  
Research Day 12:5pm PAHL 1800

Nov 6  
The Derry Dialogues - Living Among  
Intelligent Machines  
5:30-7 pm  [details]

Nov 8  
Recruit Guelph Career Fair  
10a m-3 pm UC  [details]

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

SAS UPDATE
Support for completing expense claims (ECS) and complex purchase orders is coming. An announcement will follow with the schedule. In the meantime, please continue to use the eRequest form to submit your purchase or expense claim questions or submissions.  | OVC Bulletin

FACULTY
The new UGFA Collective Agreement is now available  > click here

BICYCLES
It has been brought to our attention that there have been bicycles brought into PAHL Bldg. 89 on the lower floors and kept inside in the stairwells. This practice is currently happening and due to the Ontario Fire Code is not allowed. Please remove all bicycles from inside of the building. Outside bicycle racks are provided by the University and available on the South side of the building in the shelter.

Per Policy Statement 2.1 “Bicycles shall not be stored inside University buildings unless the storage spaces is specifically designed for such purposes and has been previously approved (e.g. residence bike rooms).”

United Way
Guelph Wellinton Dufferin
Go to Unite Way Campus Events
Kathie Clow, Pathobiology United Way Rep
Contact Brandon  
- News items  
- Awards  
- Events  
TO ADD TO TWITTER
Contact Nathalie  
- newsletter submissions  
- website updates  
- research posters  
- research websites  
- teaching rooms and resources

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