

# BIOS

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DEPARTMENT OF VETERINARY BIOSCIENCES

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## **Dr. Li Wu is elected as Fellow of the American Association for the Advancement of Science**

Li Wu, Professor in the Department of Veterinary Biosciences, has been elected as a 2017 Fellow of the American Association for the Advancement of Science (AAAS). Election as a Fellow is a prestigious honor bestowed upon AAAS members by their peers. Dr. Wu's recognition is based upon his creative and impactful research, effective mentorship and nationally and internationally recognized service. He has made distinguished contributions to the field of molecular virology, particularly in mechanisms of HIV replication and the virus interactions with host cells, which include the identification of novel host proteins regulating HIV-1 infection in immune cells, the discovery of a new mechanism of HIV-1 RNA modification and gene regulation in cells and the clarification of the mechanism by which the host protein SAMHD1 restricts HIV-1 in cells ([Click here for more information](#)).



Other AAAS Fellows in the College of Veterinary Medicine include Professors Lawrence Mathes (emeritus), Patrick Green, Yasuko Rikihisa and Michael Oglesbee, all faculty members in the Department of Veterinary Biosciences.

## **Dr. Krista La Perle is elected president of the American College of Veterinary Pathologists**

Krista La Perle, Professor in the Department of Veterinary Biosciences, became the new president of the American College of Veterinary Pathologists (ACVP). The American College of Veterinary Pathologists has 1,676 board-certified member pathologists in 17 countries with a tripartite mission of certifying examinations, organization of an annual meeting and support of the journal "Veterinary Pathology". Incorporated in 1949, ACVP is the oldest veterinary specialty organization recognized by the American Veterinary Medical Association. Apart from their training in veterinary anatomic and/or clinical pathology, many ACVP members specialize further with doctorates in toxicology, molecular biology or

other scientific fields. They have diverse roles in academia, diagnostic labs, the biopharmaceutical industry, and state or federal government agencies. ACVP has had a long leadership history with Ohio State faculty in the Department of Veterinary Biosciences. Clarence R. Cole, former department chair and dean of the College of Veterinary Medicine, and Leonard W. Goss, former department chair and namesake of Goss Lab, were among the 41 charter members of the ACVP ([Click here for more information](#)). Dr. La Perle follows in the footsteps of other Veterinary Biosciences faculty who have served as President, including Drs. Clarence Cole (1957), Charles Capen (1979), Steven Weisbrode (2001), Paul Stromberg (2006), Michael Lairmore (2010) and Maxey Wellman (2013).



ACVP Immediate Past President, Anne Barger (left), passing the gavel to Dr. Krista La Perle.

### **Dr. Bonnie Harrington Won Harold W. Casey Scholarship Award**

Dr. Bonnie Harrington became the most recent trainee from the OSU Combined Veterinary Pathology Residency/Graduate Program to be awarded the Harold W. Casey Scholarship by the American College of Veterinary Pathologists at their 2017 Annual Meeting in Vancouver. The prestigious Casey Award was first established in 1994 to recognize and reward an outstanding individual training in pathology and striving to achieve ACVP certification. Dr. Harrington is conducting her PhD dissertation research, funded by Hematology/Oncology NIH T32 and Pelotonia Fellowships, in the laboratory of Dr. John Byrd on novel therapeutics of mantle cell lymphoma in mouse and dog models. Dr. Harrington became a Diplomate of the American College of Veterinary Pathologists (Anatomic Pathology) in August, and plans to defend her dissertation in the spring. Previous OSU Casey Scholarship recipients include Drs. Andrea Groene (1996), Krista La Perle (1998), Rani Sellers (1999), Laura Rush (2002), Sarah Tannehill-Gregg (2003), Matthew Buccellato (2007), Gillian Beamer (2008), Kelly Santangelo (2011), Jessica Simmons (2014) and Lauren Himmel (2016).



**OSU Infectious Disease Institute:** All research efforts in infectious diseases at The Ohio State University are now organized within the new **OSU Infectious Disease Institute** (IDI; <https://idi.osu.edu/>). The IDI at The Ohio State University brings together a vibrant and dynamic community that fosters a collaborative approach to address critical problems in infectious disease and the global environment. **Dr. Michael Oglesbee** became the new director of IDI, and two other VBS faculty became program directors in the programmatic areas of “Host Defense and Microbial Biology” (**Dr. Prosper Boyaka**) and “Viruses and Emerging Pathogens” (**Dr. Shan-Lu Liu**).

## Grants & Awards

**Dr. Ian Davis** received a R01 grant from NIH-National Heart, Lung, and Blood Institute to support his project entitled “Role of alterations in the ATII cell lipidome in influenza pathogenesis” for the characterization of a novel host determinant that can serve as a target for new drugs to prevent or attenuate development of acute respiratory distress syndrome in influenza A virus infection.



**Dr. Yasuko Rikihisa** received a Department of Defense-Tick-Borne Diseases Research Program grant to support her project entitled “Keys to Prevent Human Monocytic Ehrlichiosis” to investigate whether antibody against EtpE can block *Ech* transmission from tick to human cells, and vaccination of susceptible animals can block *Ech* infection by the bite of infected ticks.

**Dr. Li Wu** received a R01 grant from NIH-National Institute of General Medical Sciences to support his project entitled “Mechanisms of HIV-1 RNA Methylation in Regulating Viral Replication” to investigate the functions and mechanisms of N6-methyladenosine (m6A) modification of HIV-1 RNA during viral infection.

**Dr. Margaret Martinez** was the recipient of the 2nd Place Young Investigator Award in Diagnostic Pathology at the 2017 Annual Meeting of the American College of Veterinary Pathologists and the American Society for Veterinary Clinical Pathology in Vancouver. Her winning poster presentation was entitled “Systemic Amyloidosis in a Captive Population of Pronghorn Antelope (*Antilocapra americana*). She presented a second poster entitled “Pulmonary Function in Cotton Rats after RSV Infection” for her research, funded by a Genentech Veterinary Pathology Fellowship, in the laboratory of Dr. Stefan Niewiesk.



**Dr. Nina Zitzer** was awarded a 2017 Charles Louis Davis and Samuel Wesley Thompson DVM Foundation Student Scholarship Award at the 2017 Annual Meeting of the American College of Veterinary Pathologists and the American Society for Veterinary Clinical Pathology in Vancouver. Dr. Zitzer is in the Combined Clinical Pathology Residency/PhD Program, conducting her Hematology/Oncology NIH T32-funded research in the laboratory of Dr. Ramiro Garzon.

## Teaching

**Drs. Ryan Jennings and Chris Premanandan** developed a digital histology book as learning material for their 1<sup>st</sup> year veterinary student histology class. The project was supported by a grant from the [Affordable Learning Exchange](https://affordablelearning.osu.edu/) (ALX; <https://affordablelearning.osu.edu/>) at OSU.

**Dr. Ryan Jennings** received the Award for Excellence in Teaching voted on by the Class of 2020.

**Dr. Jerry Masty** received the Award for Excellence in Teaching voted on by the Class of 2020.

**Dr. Krista La Perle** received the 2017 Charles C. Capen Teaching Excellence Award for Graduate Education.



**Dr. Chris Premanandan** received the Dr. Charles W. Fox Family Teaching Excellence Award. This award is given in recognition of superior ratings derived from the course evaluation forms, as well as the winner being a supportive academic citizen for the teaching of our veterinary students.

**Dr. Jerry Masty** became a mentor for a second year in the University Institute for Teaching and Learning's Faculty Foundation, Impact, Transformation (FIT) program. He is also a facilitator of the Mid-Career & Senior Faculty Learning Community of the Ohio State Teaching Enhancement Program.

**2017 CVM Honor Teaching Roll:** Drs. Ryan Jennings, Sue Knoblauch, Chris Premanandan and Maxey Wellman.

## Other Faculty & Staff News

**Dr. Jianrong Li** was promoted to Professor. His area of expertise is the molecular virology of and vaccine development for paramyxo- and noroviruses.

**Dr. Jessica Hokamp** was recruited as Assistant Professor in Clinical Pathology. Her area of clinical and scientific interest involve kidney diseases and she joins the existing nephrology team of Drs. Rachel Cianciolo, Jessica Quimby and Cathy Langston to complement their spectrum of comprehensive clinical and pathology services.



**Dr. Namal Liyanage** was recruited as Assistant Professor into a joint appointment in the Department of Microbial Infection and Immunity in the College of Medicine and VBS. He is interested in exploring novel strategies to prevent and control chronic viral infections such as HIV through better understanding of the innate and adaptive immune responses.

**Dr. Rajendar Deora**, Associate Professor in the Department of Microbial Infection and Immunity in the College of Medicine, has received a courtesy appointment in VBS. His area of expertise is the study of molecular determinants of pathogenesis and biofilm development in *Bordetella pertussis*, vaccine development and innate and adaptive immunity.



Dr. Rajendar Deora

**Elizabeth Gibson** is a new Office Associate in VBS.

### **New Diplomates certified by the American College of Veterinary Pathologists in 2017**

- **Dr. Bonnie Harrington**, Anatomic Pathology
- **Dr. Sally Henderson**, Clinical Pathology
- **Dr. Rebecca Kohnken**, Anatomic Pathology

### **VBS Graduate Students earning the PhD in 2017**

- **Dr. Elizabeth Clark**, in the laboratory of Dr. Christopher Breuer
- **Dr. Said Elshafae**, in the laboratory of Dr. Tom Rosol
- **Dr. Sally Henderson**, in the laboratory of Dr. Ching-Shih Chen
- **Dr. Nicole Kohart**, in the laboratory of Dr. Tom Rosol
- **Dr. Rebecca Kohnken**, in the laboratory of Drs. Michael Caligiuri and Anjali Mishra