The CVM ended FY17 with $26.6M in extramural awards, nearly $2M higher than our recent high in FY14. Eric Lofgren (Allen School) and a team of collaborators from the Allen School, CAE, and Duke University were recently awarded a 3-year, $1.7M grant from the CDC to pursue modelling/epidemiological studies related to healthcare-associated infectious disease and antimicrobial resistance. Note that this grant fits within the reallocation-funded Community Health Analytics Initiative (CHAI).

The CVM was appropriated $1.52M in new funding in the recently approved 17-19 biennial budget to study a debilitating disease of elk, an infectious hoof rot, which to date has been confined to Southwest WA, but has recently crossed into NW Oregon. This will allow us to increase the scope of our ongoing activity in partnership with the WA Department of Fish and Wildlife to identify the cause(s) and look for preventive strategies and/or cures. The ongoing amount in subsequent biennia will be ~$1.15M. This will also allow us to build on a broader research emphasis on infectious disease at the wildlife-livestock interface, such as the work we have done with Brucellosis in elk, fatal pneumonia in Bighorn Sheep, and Chronic Wasting Disease in deer. (See also, The Columbian article in “Hot Topics”). Note that this effort depends on WADDL as well.

Steven Roberts (SMB) received a new NIH R01, “Mechanisms of genome instability induced by APOBEC Cytidine Deaminases and its impacts during cancer development” This 5-yr Grant totals $1,743,202, and extends Dr. Roberts’ studies of APOBEC family cytidine deaminases, which cellular enzymes that cause a large number of mutations in developing tumors through their inadvertent activity towards chromosomal DNA.

Rita Fuchs-Lokensgard (IPN) has received a 5-year competing renewal of her NIH R01 entitled: “Context-induced Cocaine Relapse: Influence of Cocaine Memory Reconsolidation.” This $1.9M grant continues into year 07 of this line of her research.

Bill Davis (SMB) received a supplement to his NSF RCN-UBE Grant (undergraduate STEM education) of $90k, which will run over the final two years of the parent NSF award.

Jenny Zambriski (Allen School) received a new one-year award of $190K from Bayer Animal Health to support her search for new treatments for Cryptosporidium, a global diarrheal disease that affects humans and animals.

Protect pets from July 4 revelry - WSU News and more.
Resisting the Resistance - Inlander
How to treat pets that are bitten by rattlesnakes – KREM 2, KLEW 7, WLTX and more.
WSU: Elk hoof disease will not be an easy fix – The Columbian
WSU’s Jenni Zambriski, colleagues have one of science’s dirtiest jobs – WSU News
Why keep chickens? A chat with Tanzanian Farmers – GAH Notes from the Field.


SMB Assistant Professor, Joy Winuthayanon, and her collaborators in Thailand recently published an article regarding a plant extract that has estrogen receptor antagonist activity in several tissues: Thongon et al. Selective estrogen receptor modulator (SERM)-like activities of diarylheptanoid, a phytoestrogen from Curcuma comosa, in breast cancer cells, pre-osteoblast cells, and rat uterine tissue. J Agric Food Chem 65:3490-3496, 2017
Terran Gilbreath, an SMB Freshman undergraduate, and Bill Davis (SMB) attended the HHMI SEA-PHAGES Meeting held at Janelia Farm in Ashburn, VA over the weekend of June 9-11, 2017. Terran presented a poster based on his work in the HHMI SEA-PHAGES undergraduate STEM program. WSU was one of only 20 institutions out of 100 selected to give a talk during the meeting.

IPN Doctoral Student Axel Fenwick is the first-author on a recent publication: Fenwick et al. Direct Anandamide Activation of TRPV1 Produces Divergent Calcium and Current Responses. *Front. Mol. Neurosci.*, 21 June 2017. This study explores the molecular signaling underlying satiety signaling from the gut to the brain, as relates to eating behavior.

**STUDENTS and EDUCATION**

**DEVELOPMENT and ALUMNI**

- Documented two estate gifts ($175,000 each) to support the Allen School rabies program.
- Received $24,000+ gift from local donor to support scholarships and Agricultural Animal Medicine (specifically small ruminant)
- Received $20,000 gift to support the work of faculty member William Davis (Veterinary Microbiology and Pathology)
- Received $10,000+ gift to support the work of faculty member Joe Harding (Integrative Pharmacology and Neuroscience)
- Hosted donor, Mary Kay Fowler on campus (resulted in a $40K pledge for 2018 and estate gift discussion)
- Hosted donor, Cheryl Elchlepp on campus for an estate gift discussion

**UPCOMING**
- 7/10 – Hosting potential donor, Laura Gallagher on campus
- 7/13 – Rabies program presentation/Continuing Education to the Inland Empire Veterinary Medical Association in Spokane
- 7/14 – Participation in Woodland Park Zoo Jungle Party in Seattle
- 7/15 – Participation in the Zornes Memorial Golf Tournament in Colfax to benefit the Zornes Scholarship.
- 7/19-7/21 – Attendance at the Association of Veterinary Advancement Professionals (AVAP) annual meeting in Indianapolis.

**ENGAGEMENT**

Mick Smerdon (SMB) gave the Robert B. and Floretta F. Austin Distinguished Lecture in Science at the University of Idaho.

Mick Smerdon (SMB) attended the 2017 Asilomar DNA Repair Conference honoring the career of Phil Hanawalt.

Bryan Slinker, Felix Lankester (Allen School), Thumbi Mwangi (Allen School), and Anna Wheatly will present the Allen School Rabies Program as CE to the Inland Empire Veterinary Medical Association in Spokane on July 13. The major goal is to increase the number of veterinary hospitals participating in the program (two so far are doing so in Spokane, with more than 30 now statewide).

**COMINGS and GOINGS**

Hector Aguilar-Careno, an Associate Professor in the Paul G. Allen School for Global Animal Health recently left us to join the faculty at Cornell’s veterinary college. Hector was one of the earliest hires in the Allen School and this loss is the first for us in the School’s 10 year history.

Harmon Rogers, Clinical Professor in VCS, retired recently.

Peter Gilbert, Clinical Assistant Professor, recently joined the VCS faculty as a small animal surgery specialist (with emphasis on orthopedics and canine sports medicine).