

# Advance

Impact Report  
2017

A special edition of the *Advance* newsletter

Winter 2018

## Healthy Animals

*"California Hero," a 4-year-old Thoroughbred, recovered from general anesthesia in an equine recovery pool after surgery to his hock joint, similar to the ankle joint in humans, while being monitored by Dr. Claude Ragle and equine residents Dr. Kyle Heaton and Dr. Andrew Jones (left to right). Used for patients at high risk of injury, he was first suspended in the warm water and then gradually bore weight on his limbs as he woke up. WSU is one of a handful of places in the United States with a pool recovery system.*



## Healthy People

*Insects can quickly spread disease caused by bacteria or viruses. Researchers from Dr. Alan Goodman's lab in the School of Molecular Biosciences are using *Drosophila melanogaster*, the common fruit fly, to uncover the genes that regulate immune responses in insects and humans.*

## Healthy Planet

*Worldwide, nearly 60,000 people die each year from rabies. The goal of the WSU Paul G. Allen School for Global Animal Health is ambitious: no human rabies deaths by 2030. Our vaccinations programs in Kenya and Tanzania are helping to create a world where no one dies from rabies. Dr. Guy Palmer, WSU senior director of global health, in East Africa.*



## [Message from the Dean]



Dean Bryan Slinker,  
WSU College of  
Veterinary Medicine

As our doctor of veterinary medicine education program here in our college has evolved over the years, we have combined our traditional university-based specialty teaching hospital with key practice partners to provide higher volumes of primary care, general practice caseloads to our veterinary students. These partners include our network of preceptors, who generously provide a four-week rotation for one to eight of our veterinary students each year. We also partner with the Animal Eye Clinic of Spokane and the Dermatology Center for Animals in Seattle that provide dozens of students with ophthalmology and dermatology cases. And shelter partners, such as Seattle Humane, give our students surgical and wellness experience beyond what they can get in Pullman. More than half of our students (75 per year) go to Seattle Humane, and we just recently placed a full-time WSU faculty member in their practice. Dr. Katie Kuehl started at the end of October and has already settled in nicely in working with our students on their two-week rotations. These partnerships make us increasingly “community based,” similar to how WSU describes its new Elson S. Floyd College of Medicine, which gives us the best of both models: a vital teaching hospital on our campus to support education and scholarship where our faculty teaching in our classrooms can practice the highest levels of care day-to-day, and practice partners to enhance student case experience in primary care settings.

The Seattle Humane partnership provides a glimpse of the great power of such community-based partnerships. Over the course of a two-week rotation, each student will perform 30–35 spay and neuter surgeries, roughly 10 times what we could offer as recently as four years ago. Students also engage in many other primary caseload activities, including seeing “clients” in the form of the many wonderful foster families that help Seattle Humane create their “shelter without walls.” Starting in the depths of the last recession, Seattle Humane leadership and key volunteers raised over \$28 million which they used to create a fantastic new shelter and held its grand opening this past December. Their fundraising success to achieve this facility was a nearly unbelievable feat, and we are proud to have partnered with them. We thank all the donors who made this happen because with their expanded clinical facilities we can now contemplate sending more students, whether for the same experience as offered now, or—perhaps more importantly—for a different set of experiences such as focusing on primary care dentistry. This is an area we have identified as needing more emphasis in our curriculum. We could not offer improved hands-on dentistry in Pullman given the limitations on caseload due to our region’s population, but through our community-based partner, Seattle Humane, we can do so.

Go Cougs!

Dr. Bryan Slinker, Dean  
WSU College of Veterinary Medicine



**Advance**  
*Healthy Animals, Healthy  
People, Healthy Planet*

WSU College of  
Veterinary Medicine

Marcia Hill Gossard '99, '04  
Editor and writer  
mgossard@wsu.edu

Photos by  
Henry Moore Jr.  
WSU/BCU

### Contributing Writers

Dr. Bryan Slinker '80, '82  
Dean of the college

Lynne Haley '94  
Senior Director of Development

### Veterinary Development and Alumni Relations

WSU College of  
Veterinary Medicine  
PO Box 647010  
Pullman, WA 99164-7010  
509-335-9515  
vetmed.wsu.edu

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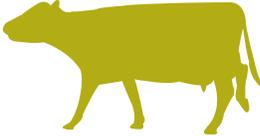
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# Impact Report

## Fiscal Year 2017



**118** The age of the college. } was established in 1899.  
 The **WSU College of Veterinary Medicine** } It is the 5th oldest veterinary college in the United States.

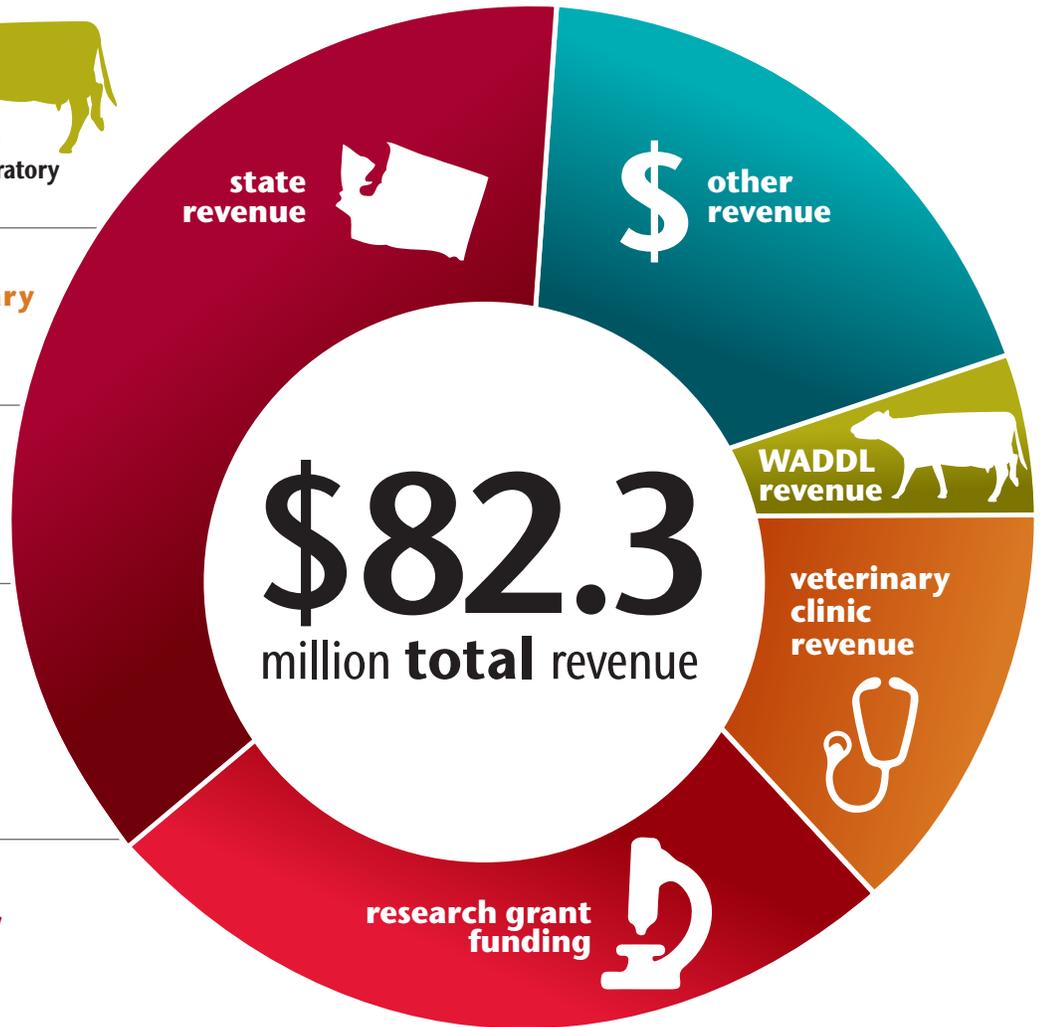
**\$3.2** million in **WADDL** revenue   
 Washington Animal Disease Diagnostic Laboratory

 **\$10.7** million in **veterinary clinic** revenue

**\$16.1** million in **other** revenue 

 **\$21.6** million in **research grant** funding

**\$30.7** million in **state** revenue 



Only about **one-third** of college revenue comes from state appropriations, including tuition.



# Education

**\$28.9** million or 33% of college spending went to student instruction.

**\$131,821**

median debt for the **veterinary** class of 2017

**132** students admitted in 2016 for the **veterinary** class of 2020

**92** Pullman,  
**30** Logan, Utah,  
**10** Bozeman, Montana in the Washington–Idaho–Montana–Utah Regional Program, or WIMU  
**80%** women **20%** men

**\$173,848\***

estimated total cost of a four-year education for resident veterinary students in the class of 2020. Tuition for residents and nonresidents has **nearly tripled** since 1996 for veterinary students.

\*Includes resident tuition and fees, books, housing, transportation, and miscellaneous expenses. Actual expenses may vary.

**126 veterinary students graduated in 2017**

**79%** women  
**21%** men



## **67 UNDERGRADUATE DEGREES**

**19** Microbiology

**13** Biochemistry

**11** Genetics and Cell Biology

**24** Neuroscience

**61%** women **39%** men

## **38 GRADUATE DEGREES**

**6** Veterinary Microbiology and Pathology

**5** Integrative Physiology and Neuroscience

**7** Veterinary Clinical Sciences

**2** Allen School

**18** School of Molecular Biosciences

## **24 DOCTORAL DEGREES**

**46%** women **54%** men

## **14 MASTER'S DEGREES**

**71%** women **29%** men

# Research

**\$20.3** million research spending.

**55%** on infectious disease research  
**158** faculty members conducting research  
**\$21.6** million in research revenue



Ranked **9th** in total federal research funding by  
Association of American Veterinary Medical Colleges  
**8th** in National Institutes of Health funding  
**2nd** in U.S. Department of Agricultural funding, and

**1st** in National Science  
Foundation funding

# Animal Care



**494** cancer patients cared for in the  
**WSU Veterinary Teaching Hospital.**

More than **\$130,000** awarded from the  
**Good Samaritan Program** to help animals in need.

**73%** for dogs, and money also went to cats, birds,  
horses, and **1** ferret, **2** guinea pigs, **1** hedgehog,  
**1** rabbit, **2** reptiles, **2** rodents, and **1** turtle.

**300** birds of prey treated through the  
**WSU Raptor Rehabilitation Program.**

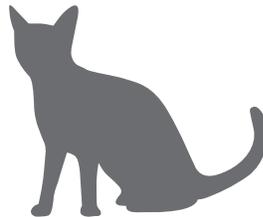


# You Have Made a Difference

The numbers tell the story of your contribution to the care of animals, biomedical research to improve the health of people, and saving the lives of children in Kenya and Tanzania. They also tell the story of students you have helped us to train and go on to graduate school, become veterinarians in private practice, work in public health, or continue with important medical research in academia that helps animals and people.

We are incredibly grateful to our supporters who give to the college in big and small ways. You have made a difference by helping us to improve the health of animals and people at home and around the world.

**Thank you for the lasting difference you have made.**



**Immediately usable funds: } \$3.4 million from 2,792 donors**



**New pledges: } more than \$240,000**

**723 WSU alumni gave 49% of immediately usable funds**

**Revocable commitments: (bequests) } \$6.2 million**



**2,069 friends of the college gave 25% of immediately usable funds**



## 2017 Benefactor Honor Roll

### Benefactors

(\$100,000–\$249,999 total giving)

Lisa Canter

Dori and Don Ferrel

Olympic Kennel Club

### Crimson Benefactors

(\$500,000–\$999,999 total giving)

James B. Kelley (estate)



### You made the difference for our students.

Scholarships help students worry less about money and spend more time thinking about their studies. Scholarships also give all of our students a tremendous financial advantage when they graduate by relieving them of some of their academic debt.

**\$1.75** million raised for student scholarships.

**320** DVM scholarships awarded totaling more than **\$640,000**.

**248** or **46%** of DVM students received a scholarship.

**36** School of Molecular Bioscience graduate students and

**17** undergraduate students received a scholarship.

## Who Are You Going to Nominate?

### Distinguished Veterinary Alumni Award:

Honors DVM graduates for veterinary excellence in practice or teaching and research.

### Distinguished Graduate Alumni Award:

Honors M.S. or Ph.D. graduates for excellence in research, teaching, service, or business.

### Outstanding Service Award:

Honors an individual who has made extraordinary contributions to animals or to the WSU College of Veterinary Medicine.

### Nomination deadline: September 1, 2018

For more information, eligibility requirements, and nomination forms, visit [go.vetmed.wsu.edu/AlumniAwards](http://go.vetmed.wsu.edu/AlumniAwards) or contact Michelle Mielke at 509-335-1365 or [mielke@vetmed.wsu.edu](mailto:mielke@vetmed.wsu.edu).

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Look for Gatherings of WSU Alumni, Friends,  
and Students at these Upcoming Events!



## Mark your calendars

**April 7** College of Veterinary Medicine Open House in Pullman

**April 13–15** College of Veterinary Medicine Spring Conference in Pullman

**April 25–26** Golden and Diamond (50-year and 60-year) graduate reunions in Pullman

**July 13** Alumni reception at American Veterinary Medical Association in Denver, Colorado

*CE courses at WSU and online are offered year round. Visit [vetmed.wsu.edu/CE](http://vetmed.wsu.edu/CE) for more information.*

*For more information about upcoming events visit [vetmed.wsu.edu/Events](http://vetmed.wsu.edu/Events).*