



College of Veterinary Medicine

2018 Fall Update with the President and Provost

K-STATE
2025

KANSAS STATE
UNIVERSITY

2025 Thematic Goals

1. Research, Scholarly and Creative Activities, and Discovery

Create a culture of excellence that results in flourishing, sustainable, and widely recognized research, scholarly and creative activities, and discovery in a variety of disciplines and endeavors that benefit society as a whole.

2. Undergraduate Educational Experience

Build a connected, diverse, empowered, engaged, participatory culture of learning and excellence that promotes undergraduate student success and prepares students for their professional, community, social, and personal lives.

3. Graduate Scholarly Experience

Advance a culture of excellence that attracts highly talented, diverse graduate students and produces graduates recognized as outstanding in their respective professions.

4. Engagement, Extension, Outreach, and Service

Be a national leader and model for a re-invented and transformed public research land-grant university integrating research, education, and engagement.

5. Faculty and Staff

Foster a work environment that encourages creativity, excellence, and high morale in faculty and staff, responds to changing needs, embraces diversity, values communication and collaboration, and is respectful, trusting, fair, and collegial for all.

6. Facilities and Infrastructure

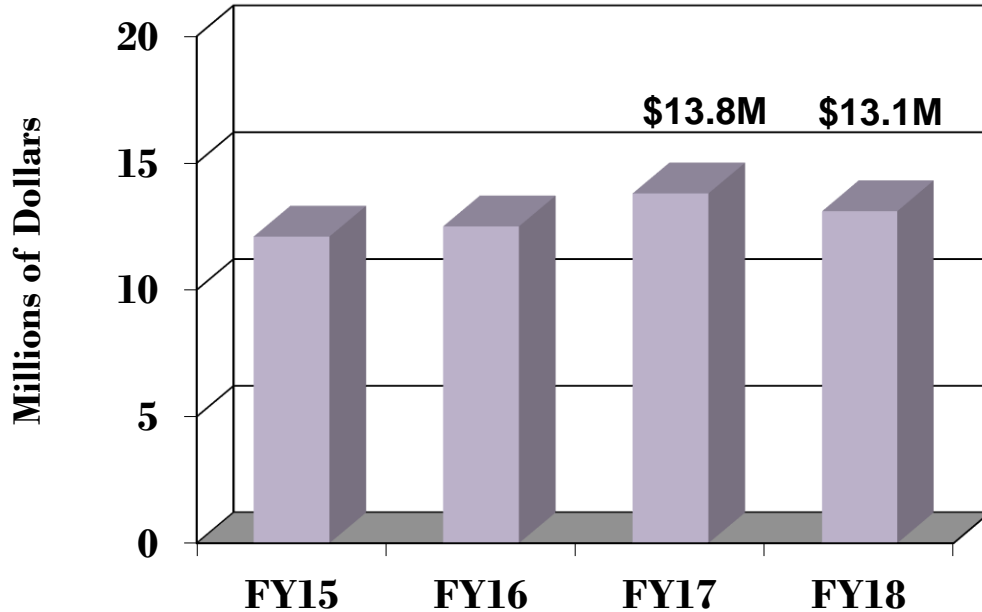
Provide facilities and infrastructure that meet our evolving needs at a competitive level with our benchmark institutions and are an asset to recruit and retain quality students, faculty, researchers, and staff.

7. Athletics

Strengthen the interconnectivity between intercollegiate athletics and the campus community to prepare our student-athletes for success in school, in sport, and after graduation and benefit our university, community, and state.

Research

CVM Research Expenditures FY15–18



FY '18 Awards

Submitted - \$31.2M

Funded - \$16.1M

DMP - \$11.3M

- **Interdisciplinary Centers***
 - Institute of Computational Comparative Medicine (ICCM)
 - Nanotechnology Innovation Center of Kansas State (NICKS)
 - Center of Excellence for Vector-Borne Diseases (CEVBD)
 - Center for Outcomes Research and Epidemiology (CORE)
 - ~~Center for Epithelial Research~~
 - Beef Cattle Institute (BCI)
 - U.S- China Center for Animal Health
 - Center of Excellence for Emerging and Zoonotic Animal Diseases (CEEZAD)
 - Midwest Institute for Comparative Stem Cell Biology
 - Center of Excellence for Translational and Comparative Oncology
- **Four Center Reviews - completed**

Professional Education

DVM: 463 students

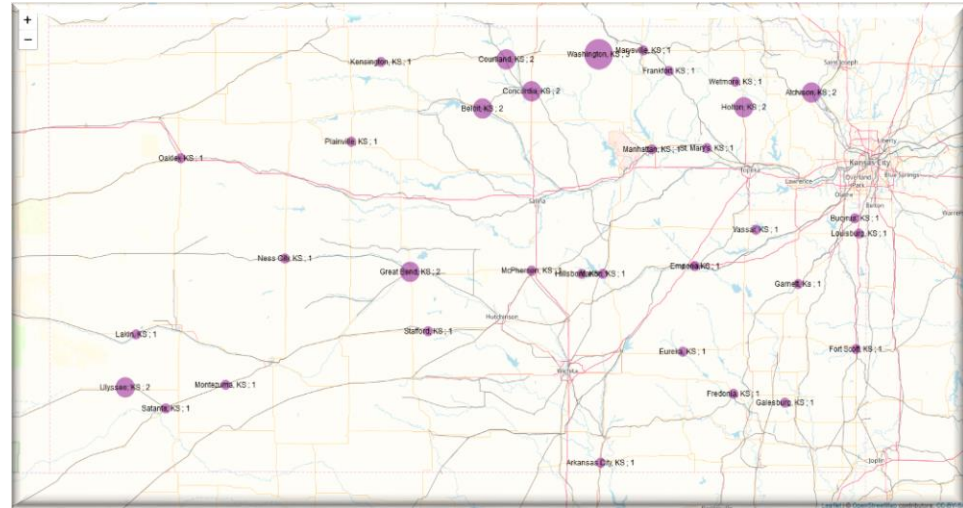
Tuition Rate	Class of 2018 Ave Educational Debt	Maximum
KS	\$ 133,289.12	\$236,731.00
Non-KS	\$ 246,854.67	\$ 430,000.00
Overall	\$ 198,352.72	\$ 430,000.00

- Scholarship Endowment: \$13.8M ('17) to \$15.9M ('18)
- Scholarship Distribution: \$1,231,476 in '16/17
\$1,273,658 in '17/18
\$1,380,000 projected '18/'19
- Reduced expenses - \$3,300
 - Books, supplies, clothing, fees, VetPrep subscription.
- Tuition freeze – AR '17/'18 and AR '18/'19

HB 5013: \$400,000 appropriation

- 2006 – 2018
- 64/65 Kansans
- 47/48 graduates fulfilled/fulfilling obligation

VTPRK Scholarship



FOOD ANIMAL VETERINARY CERTIFICATE

PROGRAM PROPOSAL

EDUCATIONAL OBJECTIVES

The goal of the Food Animal Veterinary Certificate (FAVC) program is to prepare graduates for long-term success in food animal veterinary practice by incorporating skills in varied areas including animal health, production medicine, practice management, and client communications. Achieving this goal will result in a veterinary workforce capable of meeting the needs of livestock producers in a sustainable practice environment.

STATEMENT OF PROGRAM NEED

Agriculture is the primary economic driver in many rural communities and food animal veterinary practitioners are a major information source for the community. A critical need exists for well-trained food animal veterinarians in Kansas and throughout the U.S. The FAVC will integrate courses and experiences available to increase the level of training provided to new food animal veterinarians. The benefits of this approach are two-fold:

- 1) FAVC students will have a well-defined pathway to successful training by completing complimentary courses and experiential learning to develop the wide spectrum of skills and aptitudes for food animal practice.
- 2) Completion of the certificate will provide a concise, transparent method for new graduates to communicate their training to prospective employers and allow the employers to easily identify students with skills necessary for practice success. FAVC students will have an advantage when communicating with future employers as completion of the program illustrates interest, commitment to the process, and a specific level of education.

REQUIRED COURSEWORK AND EXPERIENCES

Coursework for completion of the certificate program is divided into two sections: core and elective courses. The core courses must be completed by all students in the program and the students must complete a set number of elective pre-clinical and clinical courses resulting in a minimum of 20 credit hours for FAVC completion. The elective courses may include a relevant course at another academic institution with an accredited doctor of veterinary medicine program as approved by the FAVC faculty committee.

Core courses (must take all):	
<i>Third year</i> CS712 Food Animal Medicine CS728 Theriogenology CS741 Practice management	<i>Fourth year</i> CS748 Food Animal Local Practice CS749 Food Animal Medicine and Surgery DMP785 Diagnostic Medicine
Electives (must take at least 4 pre-clinical and 4 clinical electives)	
<i>Pre-clinical</i> CS713 Production Medicine CS778 Basics of Bovine Theriogenology CS811 Bovine palpation DMP719 Herd Disease Outbreak Investigation DMP815 Trade and Agricultural Health DMP804 Ecotoxicology DMP888 Globalization and food trade	<i>Clinical (4th year)</i> CS726 Clinical Externship: food animal focus CS769 Advanced Feedlot production medicine CS770 Advanced Cow Calf production medicine CS774 Rural Business Management CS780 Food Animal Reproduction DMP 825 Dairy Production Medicine Relevant course at another academic institution*

Experiential learning and extracurricular activities are an important part of the FAVC to provide the breadth and depth of education necessary for entry level food animal practice. This portion of the program is designed to enhance technical skills, procedures, and communications.

Education: Curriculum

- Holistic curriculum review
- Academic policy review
- Clinical skills courses
- Food Animal Certificate

Summary for All Criterion Group Candidates: Ultimate Performance¹

Criterion Group Candidates	N	Number Passing	Percent Passing	Mean Score (SD)
All	4242	4016	95	509(60)
Your School	105	104	99	520(54)

¹Includes only second take information for repeat candidate

Average Percentage of Items Correct and Standard Deviation (SD) by Content Category

	All	Your School
Total Test	69(8)	71(6)
Species		
Small Animal	71(9)	71(7)
Canine	72(10)	72(8)
Feline	71(10)	72(8)
Food Animal	68(10)	71(8)
Bovine	69(11)	72(9)
Porcine	66(14)	68(14)
Equine	70(11)	74(9)
Activity		
Data Gathering and Interpretation	70(9)	71(7)
Health Maintenance and Problem Management	68(9)	71(7)
Organ System		
Cardiovascular	72(14)	73(12)
Endocrine	72(16)	72(15)
Gastrointestinal	69(10)	69(9)
Hemic and Lymphatic	69(13)	71(12)
Integumentary	70(11)	70(10)
Musculoskeletal	70(12)	74(11)
Nervous	69(12)	69(10)
Respiratory	69(12)	73(11)
Special Senses	73(16)	77(15)
Renal/Urinary	69(15)	71(13)
Reproductive	69(11)	71(11)
Multiple Organ Systems	69(10)	71(8)

Education

- 2017/2018 NAVLE = 99%
- 2018 Employment Rate = 100%
- Alumni – Satisfied/Very Satisfied
 - 1 year = 93%
 - 3 year = 84%
 - 5 year = 91%
- Employers – 1 year
 - 94% of new graduate employers would hire a KSU DVM graduate in the future.
 - 89% would re-hire this same graduate.

*Graduate Program Review - completed

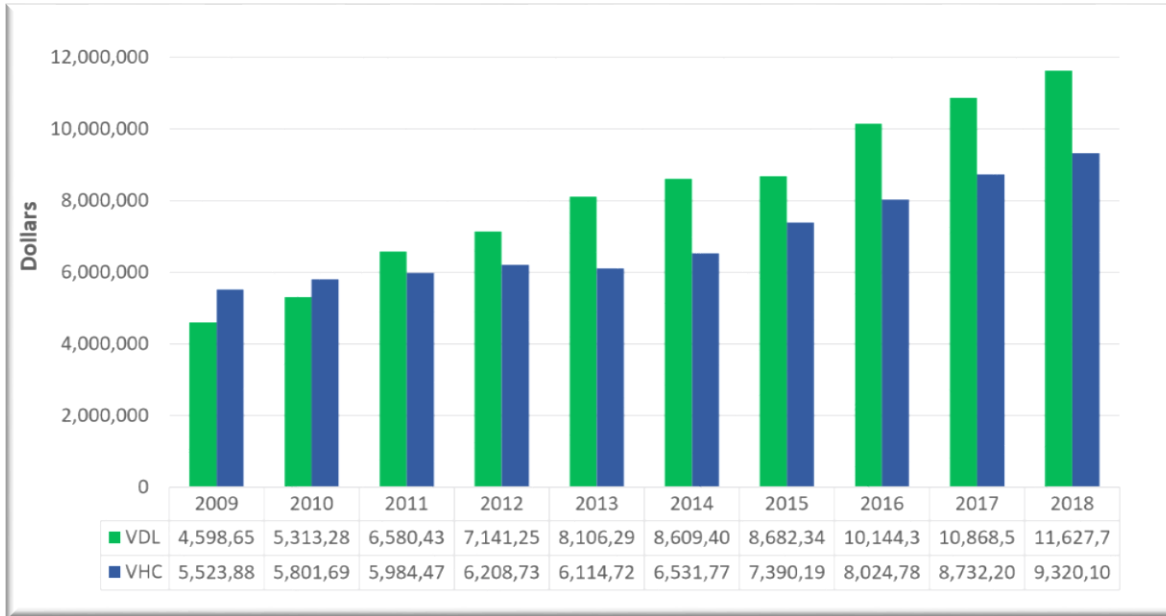
- **PhD:** 55 students
 - **DVM-PhD:** 12 students (2025 goal = 7)
- **MS:** 67 students
 - **DVM-MS:** 6 students
 - **K-State Olathe:** 27 VBS students (2025 goal = 7)
- **MPH:** 68 students
 - **Infectious disease/zoonosis track:** 37 students
 - **DVM-MPH:** 21 students
 - **MPH Certificate:** 12 students
- **NTSP Fellows:** 5 students
 - 2 DVM/PhD, 2 PhD, 1 MS
 - \$1.64M

Graduate Education



Fall 2018

Service



Veterinary Diagnostic Laboratory

- 138 staff; 24 faculty; 10 house officers
- 7.0% - 1 year; 252% - 10 year
- AAVLD: full accreditation
- NAHLN Tier 1
- FAD Diagnostic Planning
- VDL Building

Veterinary Health Center

- 74 staff; 50 faculty; 28 house officers
- 6.7% 1- year; 170% - 10 year
- Expanded specialty services
- Small animal surgery
- Oncology

Outreach

- Kansas State Fair, American Royal, Nebraska State Fair.
- Dodge City rodeo, Kaw Valley rodeo, Riley Co. fair.
- CE meetings. KVMA. Alumni events.
- Practitioner and producer gratitude.
- Everyone Counts, Clear the Shelters, Operation Santee
- USDA, KDA, KDHE.
- Animal Health Corridor, Bionexus KC, KSU-IC.
- Director of Outreach: Dr. Chuck Dodd



15,000!!!



Faculty: Chairs and Professorships

- Reviewed in 2018
 - The Edgar E. and M. Elizabeth Coleman Chair - Dr. Robert Larson
 - Roy and Lucille M. Doughman Professorship - Dr. James Roush
 - The W.S. and E.C. Jones Departmental Chair of Clinical Epidemiology - Dr. Daniel Thomson
- Pending Review
 - Regents Distinguished Professor – Dr. Juergen Richt
- Reviewing in 2019
 - The Edwin J. Frick Chair - Dr. Michael Apley
 - Steven and Colleen Hodes Professorship in Veterinary Medicine - Dr. Kenneth Harkin
 - Dr. Roy Walter Upham Endowed Professorship - Dr. Derek Mosier
- Accepting nominations
 - Morgan K. “Al” Jarvis Chair - Open
 - Dr. Robert MacDonald Professorship in Veterinary Medicine - Open
 - Dr. James B. Nichols Master of Public Health Professorship - Open
 - Pet Tribute Faculty Professorship - Open

Promotions

- Drs. Kelli Almes & Brian Lubbers: Clinical Associate Professor in DMP
- Drs. David Eshar & Jessica Meekins: Tenured Associate Professor in CS
- Dr. Masaaki Tamura: Promoted to Professor in A&P
- Dr. Weiping Zhang: Tenured Professor in DMP
- Dr. Ellyn Mulcahy: Tenured Associate Professor in DMP

Faculty Awards:

- Dr. Christopher Blevins: Dr. William Pritchard Service Award
- Dr. Manuel Chamorro: Zoetis Distinguished Veterinary Teaching Award
- Dr. Johann Coetzee: B.I. Ruminant Well-being Achievement Award
- Dr. Howard Erickson: 2018 K-State Distinguished Service Award
- Dr. Emily Klocke: 2018 KVMA Service Award
- Dr. T.G. Nagaraja: Commerce Bank Graduate Education Award
- Dr. David Poole: University Distinguished Professor
- Dr. Bob Rowland: Iman Outstanding Research
- Dr. Daniel Thomson: Zoetis Distinguished AABP Service Award
- Dr. Weiping Zhang: Zoetis Excellence in Research Award

Association Presidents

- Dr. Michael Apley – American Association of Bovine Practitioners
- Dr. Annelise Nguyen - Society of Toxicology, Central States
- Dr. Lisa Pohlman – Riley County Humane Society
- Dr. Bob Rowland – Executive Director, North American PRRS Symposium.
- Dr. Brad White – Academy of Veterinary Consultants

Faculty Achievement

Facilities

2017/18 - \$9.6M

- Anatomy laboratory
- Student success center (x2)
- Microanatomy laboratory
- Clinical Skills laboratory
- Pharmacy clean room
- 3.0 T MRI
- KSU-IC purchase



2019/20 - \$13M

- Primary care center
- Auditorium
- Research suite
- Livestock services
- Fitness room



Development

Innovation/Inspiration Campaign: \$76.75M to date (Goal \$82M)

FY '18: \$10.49M (Goal \$9M)

FY '19: \$6.81M (Goal \$10M)

Oct, 2017 to Oct, 2018 – \$12,833,557

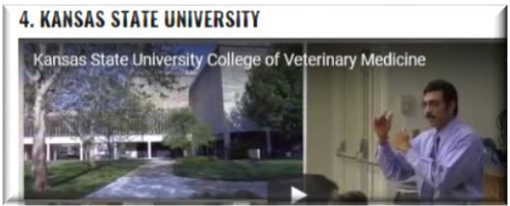
CVM Endowment: From \$30.2M to \$33.1M





Firsts!

- Institutional member of COHA – 1
- NSTP Scholars – 1, 3
- Highest CVM ranking - 2
- Clinical skills curriculum - 2
- Job Fair – 2, 4
- HOUSE System – 2, 5
- CVM Recruiter – 2, 4
- Veterinary Camps - 4
- Outreach Coordinator - 4
- Community events - 4
- Higher Educ Day Capital - 4
- Staff Council - 5
- Staff Achievement Awards - 5
- Diversity wall – 2, 3, 5
- Mental Health First Aid – 2, 3, 5
- Expanded parking - 6
- Security Director – 6
- Largest corporate gift in CVM history - 6



Future Priorities

- 2019
 - Renovation: Mosier Hall
 - Prepare for RCM Budget
- 2020
 - Second floor Trotter Hall
 - AVMA Pre-Vet Symposium
- 2021-2023
 - VDL Building
 - LARC Expansion