

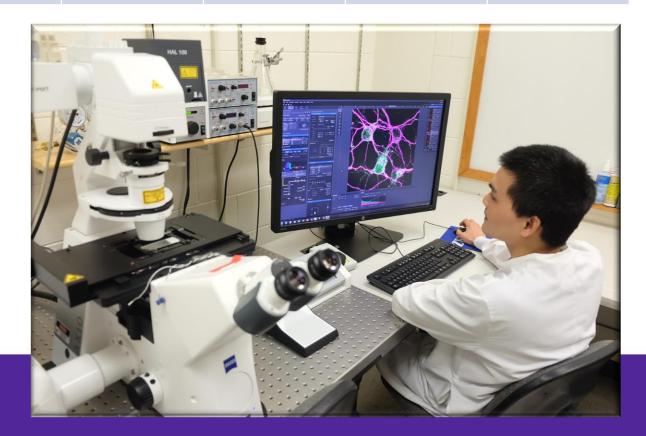
Distribution of Targeted Excellence Funds: 2013-2022

										Projected
Targeted Enhancement Funds	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	FY22
Research Faculty	189,773	220,113	1,908,468	1,991,665	1,848,491	1,981,360	3,504,677	3,874,354	4,023,200	4,100,200
Research Support	921,380	763,737	1,546,737	2,156,298	2,254,690	2,566,450	951,135	749,246	916,347	627,733
Facilities Renovation	3,888,847	4,015,532	1,445,000	417,463	428,107	0	302,116	362,335	0	0
Graduate Program Support	0	0	100,000	275,000	301,400	284,878	191,134	14,065	27,720	30,000
Total Expenditures	5,000,000	4,999,382	5,000,205	4,840,426	4,832,688	4,832,688	4,949,062	5,000,000	4,967,267	4,757,733

Research Metrics

	2015	2016	2017	2018	2019	2020	2021
Extramural Awards	\$11,458,234	\$12,137,652	\$13,829,113	\$16,143,879	\$14,522,368	\$17,837,791	\$21,215,597
Recovered F&A	\$652,382	\$853,479	\$1,061,594	\$1,489,233	\$1,512,998	\$912,419	\$1,279,165
Manuscripts	237	265	258	326	318	341	349

	2020	2021
License Agreements	24	8
Patents	6	9
Filings	37	47



COVID-19 Research

- SARS-CoV-2
 - Twenty-one grants: \$12,408,555
 - Thirty-four publications
 - Three license agreements
- KSVDL COVID testing
 - Manhattan campus
 - Regional medical facilities
 - KDHE
 - Variant testing: delta, omicron

New \$3.7 million NIH grant supports collaborative research into COVID-19 treatment

Friday, Aug. 20, 2021



HEALTH AND HUMAN SERVICE

Kansas State University Lab Pivots to Fight COVID-19

Kansas State University's Biosecurity Research Institute, known for its high-tech livestock and food-processing research, is tackling COVID-19, making strides in vaccine development, drug discovery, and more.

July 27, 2020 - Katherine Dynarski, The Wichita Eagle





Shutterstock/totojang1977

Additional Pathogens of Interest

- Anaplasmosis
- African Swine Fever
- Rocky Mountain Spotted Fever
- Japanese Encephalitis
- Rift Valley Fever
- Yellow Fever
- Emerging zoonotic pathogens

Vet med student receives research fellowship to identify African swine fever virus protective antigens

Monday, July 19, 2021



Researchers target cattle disease with USDA grant

Thursday, April 4, 2019



Graduate Education: Workforce Development

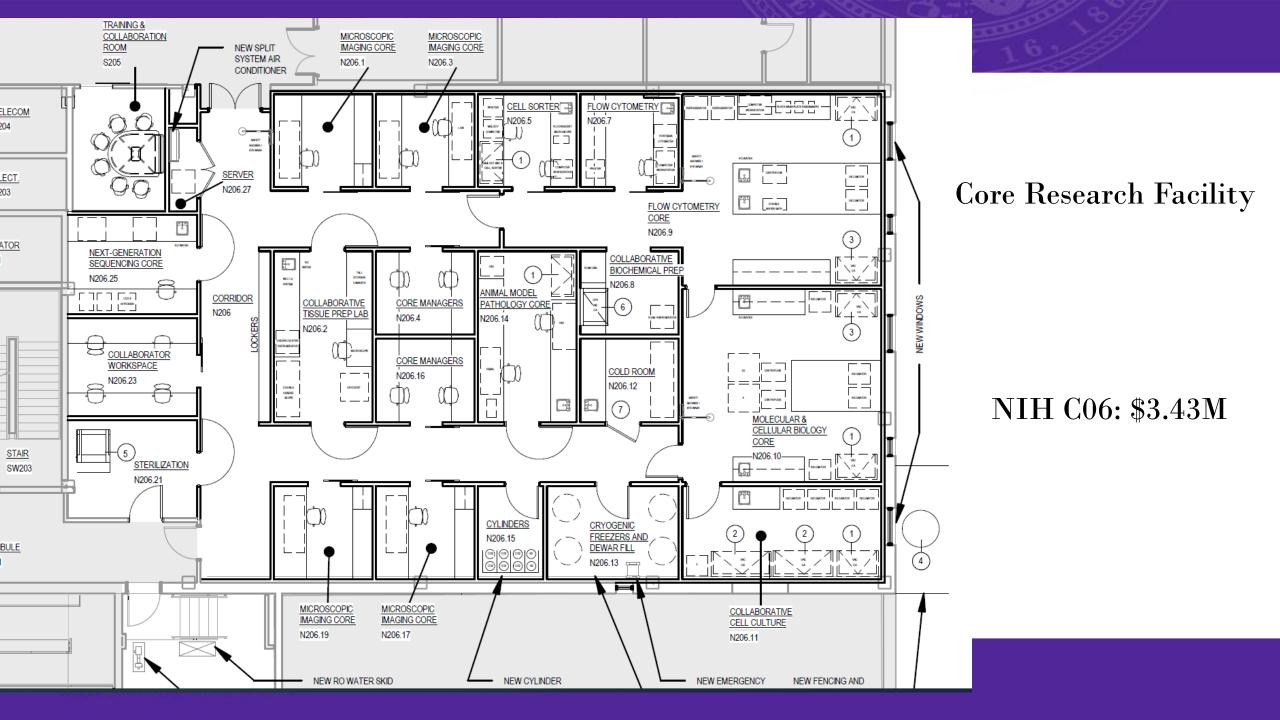
Enrollment	2015	2016	2017	2018	2019	2020	2021
MS	54	62	82	67	70	101*	113
MPH	67	60	58	68	75	78	77*
PhD	44	44	48	55	48	48	53

- * One-year MS program initiated
- ** Online MPH approved

USDA NBAF Scientist Training Program

- 9 CVM Graduate Students
- MS, PhD, DVM/PhD
- \$2,824,325 investment





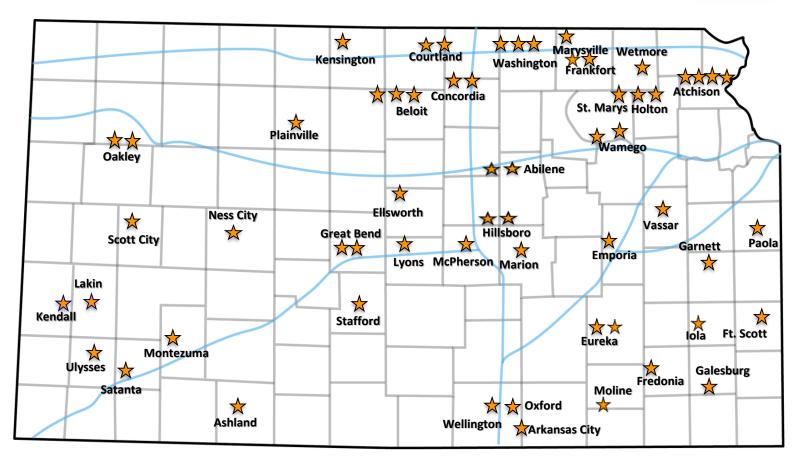
Facility Renovation

2017-2021 103,900 sf: \$32.6M

<u>Service</u>	$\underline{\mathbf{sf}}$	<u>\$</u>	<u>Research</u>	$\underline{\mathbf{sf}}$	<u>\$</u>	<u>Teaching</u>	<u>sf</u>	<u>\$</u>
Eq Perform	17,000	\$3.8M	Toxicology	1,000	\$250K	Anatomy	13,587	\$5.7M
VDL East	30,000	\$1.3M	Lab updates	6,000	\$1.3M	Testing Center	981	\$400K
Pharmacy	1,400	\$700K	Collaborative	3,500	\$700K	Fitness Center	581	\$60K
MRI	1,445	\$3.4M	Core lab	5,000	\$3.4M	Clinical skills	3,000	\$1.8M
Primary care	4,200	\$4M				Auditorium	6,400	\$4M
Livestock	7,500	\$1M				Atrium	1,800	\$600K
						Retail	500	\$250K
Total	61,600 sf	\$15.4M		15,500 sf	\$5.65M		26,800 sf	\$12.8M

Corporate
Revenue
Private
Federal

Rural Scholarship Program: \$400K appropriation 2006-2021



• 80 recipients

• 97% fulfilled(ing) 4 yrs

Beyond 4 years: 94% are still practicing in a qualifying county. 77% remain in the practice of origin.



Exceptional teaching.

Impactful research.

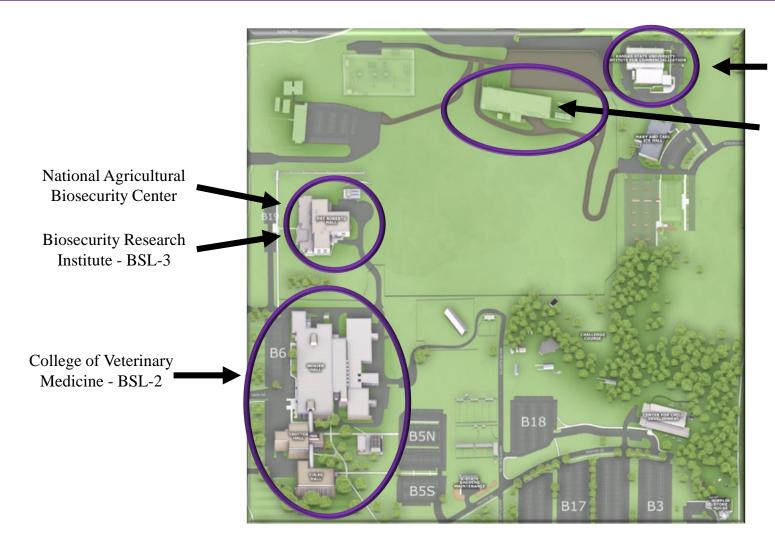
Outstanding service.

 $Extraordinary\ graduates.$



Pillar 3: Biosecurity/Biodefense

Kansas State University aspires to become the preeminent institute to advance discovery and development.



K-State Veterinary Diagnostic Laboratory - BSL-2 Tier 1 NAHLN facility

NBAF - BSL-3/4

BSL-1 to BSL-4: Discovery and Commercialization

- Lease Space
 - Biologics Development Module (BDM)
 - Non-containment core laboratories
 - Expanded BSL-2 large animal facilities
- Metrics
 - Grants, contract research
 - Graduate enrollment, graduate in-state retention
 - Lease agreements, fee-for-service contracts
 - License agreements, royalties, start-up success

Graduate Data

- 2021 NAVLE pass rate = 97% (NA=94%)
- 2021 New graduate employment = 99%

• Addressing Educational Debt

- Froze tuition 5th consecutive year
- Eliminated hidden costs (\$6,700)
- Scholarship endowment: \$13.8M ('16) to \$25.6M ('21)

• Kansas Graduates

- 2019: \$128.3K

- 2020: \$122.5K

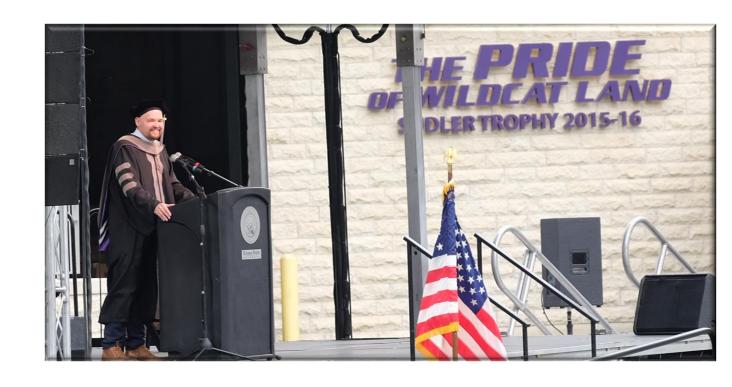
- 2021: \$101.8K

• Out-of-State Graduates

- 2019: \$264.8K

- 2020: \$254.3K

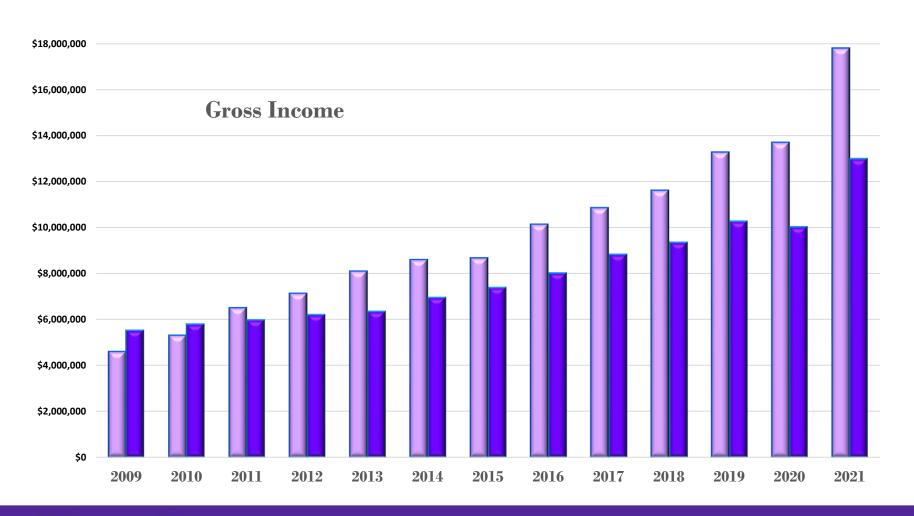
- 2021: \$236.1K



Service

Veterinary Diagnostic Laboratory

Develop. Defend. Deliver.



Veterinary Health Center

To Discover. To Teach. To Heal.