

Perimeter Center 9960 Mayland Drive, Suite 300 Henrico, VA 23233-1463 Email: <u>vetbd@dhp.virginia.gov</u> Phone: (804) 597-4133

Fax: (804) 767-1011

Website: <a href="https://www.dhp.virginia.gov/Boards/VetMed/">https://www.dhp.virginia.gov/Boards/VetMed/</a>

July 8, 2024 Department of Health Professions Conference Center Board Room 3 3:00 p.m. Agenda Board of Veterinary Medicine and State Veterinarian Veterinarian Shortage Study Workgroup Veterinary/VT Class Size Subgroup

#### Call to Order - Kelli Moss, Executive Director, Board of Veterinary Medicine

- Welcome
- Emergency Egress Procedures
- Introductions

#### Ordering of Agenda - Ms. Moss

#### Public Comment - Ms. Moss

The Board will receive all public comment related to the scope of work of the workgroup.

Discussion Pages 1 - 20

Review of trends and statistical data – Ms. Moss

- Excerpts from AAVMC Annual Report (pp 1-12)
- AVMA News: US Veterinary Colleges Increase Seats (pp 13-16)
- AVMA News: More veterinary colleges seeking accreditation evaluations (pp 17-20)

#### Rationale/Feasibility

Academic Requirements:

- Accreditation
- Instructors
- Preceptors
- Internship programs

#### Programs/Partnerships:

- Requirements
- Procurement

#### Parameters:

- Organization/infrastructure for larger classes
- Acceptance rate
- Expansion to VT schools
- Statutory & regulatory considerations

#### Next Steps:

- Data Compilation/Coordination
- Recommendations

#### **New Business – Ms. Moss**

#### **Next Meeting – Ms. Moss**

#### **Meeting Adjournment – Ms. Moss**

This information is in **DRAFT** form and is subject to change.



The membership of the American Association of Veterinary Medical Colleges is pleased to present the 2020-2021 AAVMC Data Report. The report includes data concerning veterinary school applicants, students, faculty and tuition and represents the most frequently requested data from the AAVMC.

This report includes a collection of data compiled through an internal members-only survey conducted each fall. The 32 college and schools of veterinary medicine in the United States, 5 Canadian colleges, and the 11 international institutions were surveyed. The report also includes summary data from the VMCAS application service as well as data from a recent survey of veterinary school applicants.

#### There are six sections to this report:

DVM Student Enrollment DVM Student Diversity Applicant Data Tuition & Debt College Budget Academic Personnel



1 2 3 4

#### Please direct inquiries to

Lisa M. Greenhill, MPA, EdD Senior Director for Institutional Research & Diversity <a href="mailto:lgreenhill@aavmc.org">lgreenhill@aavmc.org</a>

#### This report should be cited as:

Annual Data Report 2020-2021 [Internet]. Washington, DC: American Association of Veterinary Medical Colleges; 2021 May p. 1-65. Available from: https://www.aavmc.org/about-aavmc/public-data.



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	Participating M	ember Institutions	
AUB	Auburn University	MON	Universite de Montreal - Quebec
CSU	Colorado State University	UNCD	University College Dublin
COR	Cornell University	UAZ	University of Arizona
ISU	Iowa State University	CLG	University of Calgary
KSU	Kansas State University	UCD	University of California - Davis
LMU	Lincoln Memorial University	UNED	University of Edinburgh
LIU	Long Island University	FLA	University of Florida
LSU	Louisiana State University	UGA	University of Georgia
MSSU	Massey University	UNOG	University of Glasgow
MSU	Michigan State University	ONT	University of Guelph
MID	Midwestern University	ILL	University of Illinois - Urbana
MIS	Mississippi State University	UNOM	University of Melbourne
MDU	Murdoch University	MIN	University of Minnesota
NCSU	North Carolina State University	UMO	University of Missouri
OKL	Oklahoma State University	PENN	University of Pennsylvania
ORE	Oregon State University	PEI	University of Prince Edward Island
PUR	Purdue University	UNQA	University of Queensland, Australia
RUSVM	Ross University School of Veterinary Medicine	SKW	University of Saskatchewan
UNOL	Royal Veterinary College, University of London	UNOS	University of Sydney
SGU	St. George's University	TENN	University of Tennessee
TAMU	Texas A&M University	WIS	University of Wisconsin - Madison
OSU	The Ohio State University	VMR	Virginia-Maryland Regional College
TUF	Tufts University	WSU	Washington State University
TUS	Tuskegee University		





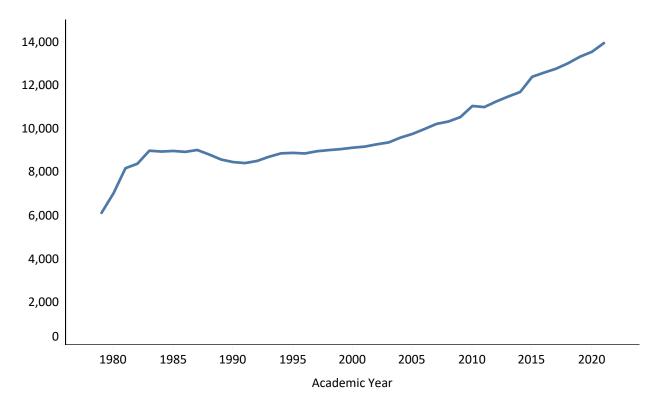
#### **Enrollment Data**

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- 3 Total Enrollment of U.S. Citizens at all AAVMC Member Institutions
- 4 First Year & Graduation Classes at US Colleges of Veterinary Medicine
- 5 Total US Citizen Graduates from AAVMC Member Institutions
- 6 First Year Class at US Colleges of Veterinary Medicine By Resident/Non-Resident Status
- 7 First Year DVM Student Distribution by State/Territory
- 8 DVM Students Enrolled in Dual Degree Programs by US College of Veterinary Medicine



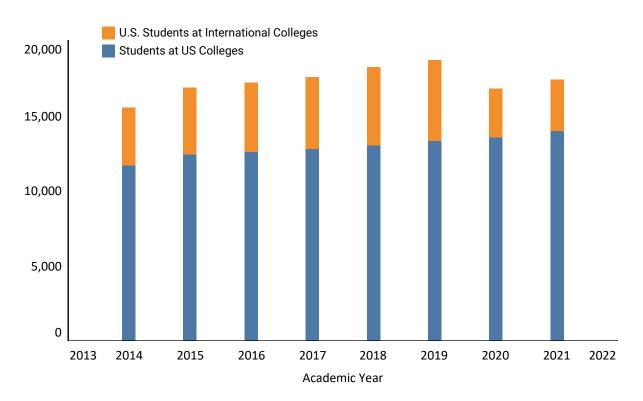
#### Total Enrollment at US Colleges of Veterinary Medicine Internal AAVMC Data Reports 1980-2021



On average, seats have increased 2.0% per year since 1980. During the last decade (1109-2011), the number of first year seats at US colleges of veterinary medicine have increased an average of 2.2% per year.



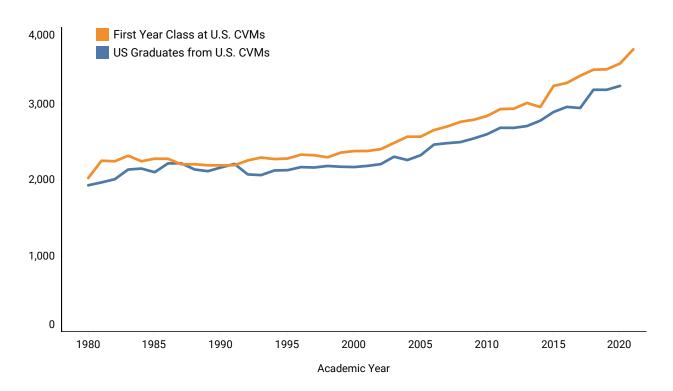
# Total Enrollment of U.S. Citizens at all AAVMC Member Institutions Internal AAVMC Data Reports 2014-2021



Data set includes students who are US citizens attending an International AAVMC member institution.



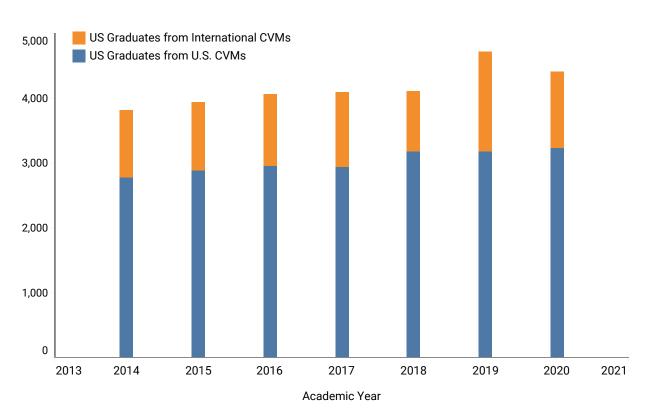
#### First Year and Graduation Classes at US Colleges of Veterinary Medicine Internal AAVMC Data Reports 1980-2021



Although the relationship between first year seats and graduation is expected to be a direct one, there are numerous reasons that explain perceived lags in graduation of DVM students. Numerous dual-degree options allow DVM students to step in and out of the professional curriculum.



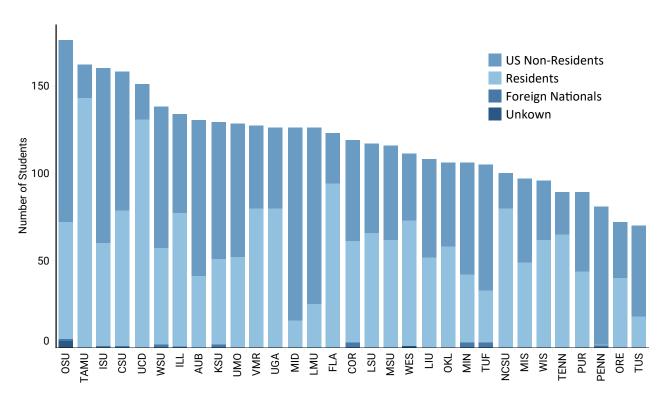
#### Total US Citizen Graduates from all AAVMC Member Institutions Internal AAVMC Data Reports 2014-2020



Data set includes all graduates who are US citizens graduating from an American or International AAVMC member institution.

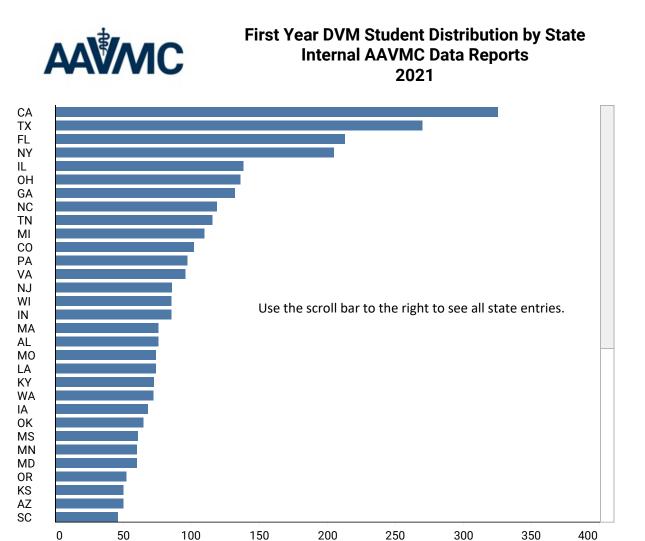


# First Year Enrollment by Residency Status at U.S. Colleges of Veterinary Medicine Internal AAVMC Data Reports 2021



This visualization depicts enrollment by residency status for first year DVM students. Several U.S. colleges of veterinary medicine allow DVM students to establish residency during the first year of matriculation; the change in residency status allows these students to pay resident tuition during their remaining three years in the professional program.

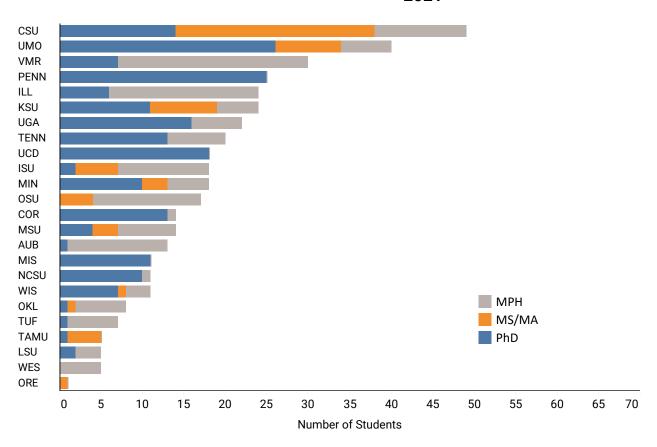
1 2 3 4 5 6 **7** 8



First Year Students



#### DVM Student Enrolled in Dual Degree Programs by US College of Veterinary Medicine Internal AAVMC Data Reports 2021



There are currently 423 DVM students enrolled in dual degree programs in the United States. There are 66 veterinary students also enrolled in MS/MA programs; while there are 158 students who are also earning an MPH program. Finally, 199 veterinary students are also enrolled in PhD programs across the US.



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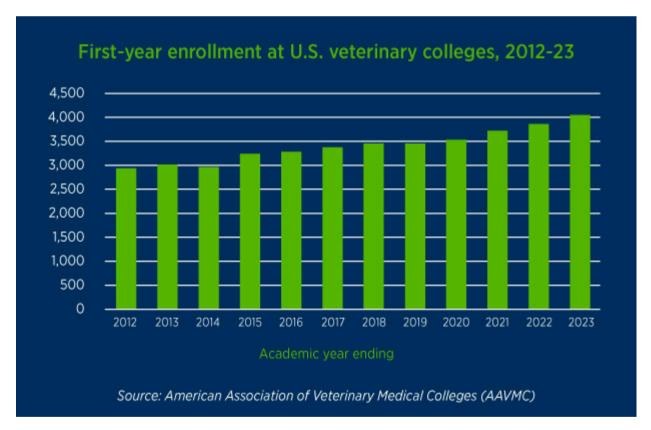
# US veterinary colleges increase seats at accelerating rate

# More than a third of institutions have had double-digit increases in firstyear enrollment in the past five years

By Malinda Larkin

September 26, 2023

The number of first-year veterinary students enrolled for the 2022-23 school year at U.S. veterinary colleges exceeded 4,000 for the first time, according to data from the American Association of Veterinary Medical Colleges (AAVMC).



From 2012-23, the number of first-year students at U.S. veterinary colleges increased an average of 2.7% per year, or by a total of 37.7%, from 2,938 to 4,047. On average, seats have increased <u>2.0% annually since 1980</u>.

These growing numbers come not only from existing veterinary colleges growing their class sizes, but also from new veterinary colleges that are currently enrolling veterinary students—three of which have or will be graduating their first classes between now and 2025. In addition, numerous universities have proposed additional new veterinary colleges. The result will be substantially more veterinary graduates in the years ahead.

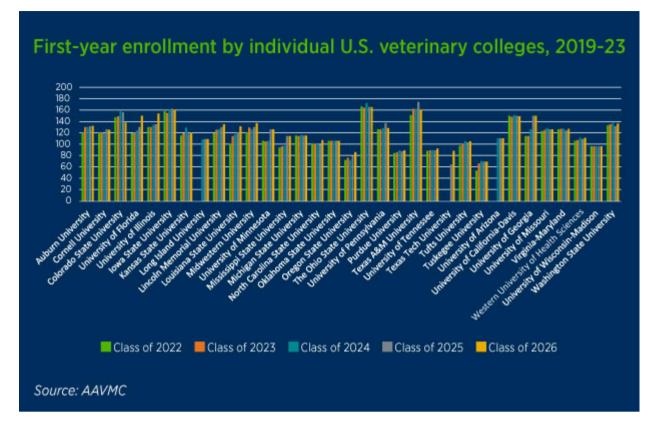
### Existing schools that are expanding

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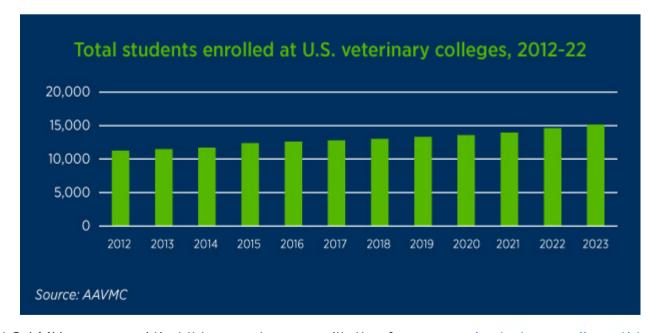
Any veterinary college that wants to add another cohort, increase its entering class by more than 10%, or that would have a cumulative increase of 15% or more over five years in the total number of students in their program is required to have approval from the AVMA Council on Education (AVMA COE) before doing so. Approval of such a plan is contingent on the information provided to the council and continued compliance with the council's accreditation standards.



From 2018-19 to 2022-23, the University of Georgia College of Veterinary Medicine saw the largest bump, going from 114 to 150 first-year seats—or 36 total—followed by the University of Florida College of Veterinary Medicine increasing from 119 to 150—or 31 total—and Louisiana State University (LSU) School of Veterinary Medicine increasing from 101 to 131—or 30 total.

And it appears that LSU isn't finished. The veterinary school is planning to increase its seats to 200 for the Class of 2028. This will be dependent upon the completion of some ongoing projects at the veterinary school, says Ginger Guttner, communications manager for LSU's veterinary school. The state of Louisiana has awarded the veterinary school \$2.2 million to help meet the new admissions goal. Guttner said the money has been used to support renovations, including converting its auditorium to a state-of-the-art, flexible teaching space and an expanded surgical training center.

In addition, Lincoln Memorial University (LMU) Richard A. Gillespie College of Veterinary Medicine in Harrogate, Tennessee, added a second cohort of 100 students this past January and will continue to matriculate 100 students each January in addition to enrolling 125 veterinary students each August. Starting in 2027, the veterinary college will graduate up to 225 students each year from the Harrogate program, making it the nation's largest veterinary program.



Then on August 2, LMU announced that it is pursuing accreditation for <u>a second veterinary college</u>, this one in Orange <u>Park, Florida</u>. The AVMA COE will conduct a consultative site visit with Lincoln Memorial University-Orange Park College of Veterinary Medicine from November 12-16.

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### Inaugural graduating classes

The University of Arizona (UA) College of Veterinary Medicine graduated its first class this year. Hundreds gathered on August 24 for <u>its inaugural commencement ceremony</u> where more than 100 students were awarded DVM degrees, marking the end of their three-year curriculum.



The first graduates of the University of Arizona (UA) College of Veterinary Medicine celebrate at their graduation ceremony this August. (Courtesy of UA)

The veterinary college received a letter of reasonable assurance from the AVMA COE in October 2019 after two attempts vying for the accreditor's approval over six years. Launched in 2020, it offers a veterinary curriculum in three years rather than the traditional four years. About half of the graduating class had secured internships or jobs with corporations or independent private practices, according to the university.



In February, Long Island University (LIU) opened its College of Veterinary Medicine Learning Center, which serves as the primary home to the only New York metro region veterinary program. (Courtesy of LIU)

<u>Long Island University (LIU)</u> College of Veterinary Medicine in Brookville, New York, enrolls around 108 veterinary students each year. The inaugural class began the veterinary program in fall 2020 and will graduate this coming spring.

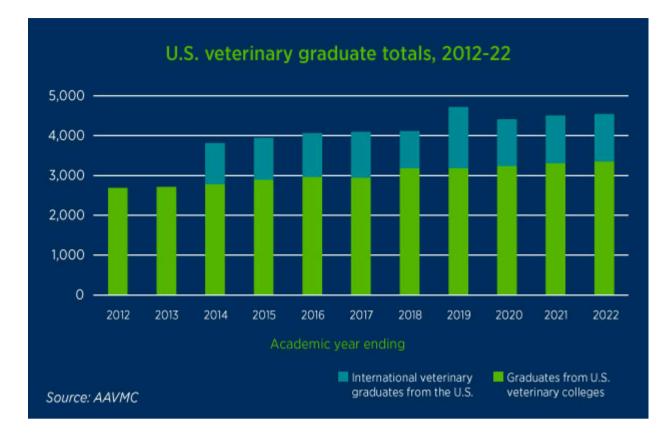
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And finally, Texas Tech University School of Veterinary Medicine's inaugural class will graduate in May 2025.

The university first announced plans in 2015 for its College of Agricultural Sciences & Natural Resources to develop a veterinary school based at its Health Sciences Center in Amarillo. The program was granted a letter of reasonable assurance by the AVMA COE in September 2020.



The faculty and staff members moved into their new facilities in July 2021. Students undertake rotations both on campus within its facilities and off campus with community partners.

Texas Tech's veterinary school anticipates 100-student class sizes after starting out with 64 for the 2021-22 academic year.

A version of this story appears in the November 2023 print issue of JAVMA

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# More veterinary colleges in line for accreditation evaluations

# Three proposed programs will have consultative visits this year by the AVMA Council on Education while another launches

By Malinda Larkin

March 06, 2024 Updated March 11, 2024

The AVMA Council on Education (AVMA COE) will have its hands full with 14 scheduled site visits for the remainder of this year. Among them are five consultative site visits to proposed veterinary programs vying for accreditation.

The consultative site visit provides the proposed veterinary college with an unofficial report on the plan's readiness to apply for a letter of reasonable assurance. Once any deficiencies in the plan have been addressed and document to the council, the proposed veterinary college can then apply for a comprehensive site visit to determine if the plan meets the criteria for a letter of reasonable assurance.

A letter of reasonable assurance is not a pre-accreditation action but indicates that the proposed veterinary college may gain accreditation in the future if the program completes all the plans it presents to the AVMA COE. Receiving this letter allows the institution to begin enrolling students.



For example, a comprehensive site visit to Rowan University Shreiber School of Veterinary Medicine is scheduled for April 21-26 by the council. The program aims to have an inaugural class of 60-70 students in fall 2025, pending a letter of reasonable assurance from the AVMA COE.

<u>AVMA News previously reported</u> that Clemson University's proposed College of Veterinary Medicine and Arkansas State University's proposed College of Veterinary Medicine were seeking accreditation. The AVMA COE recently announced it will conduct consultative site visits to these institutions from May 12-16 and July 7-11, respectively.

Three other proposed programs also been scheduled for consultative visits. In addition, a veterinary program in Indiana announced its launch earlier this year.

## **Chamberlain University**

Chamberlain University's proposed School of Veterinary Medicine in Stockbridge, Georgia, will have a consultative visit from the council August 11-15.

A statement provided by Talisha Holmes, director of global communications for Adtalem Global Education, said, "At this time, Adtalem and Chamberlain continue to develop the details of the program ... We are working closely with regulators, especially the AVMA, to develop this new program that will expand our scale, reach, and access to veterinarian medicine education which will help address future workforce needs in this space."

Dr. Phillip Nelson is the proposed veterinary school's founding dean, according to his LinkedIn page.

Dr. Nelson (Tuskegee '79) stepped down in September 2022 as dean of Western University of Health Sciences (WesternU) College of Veterinary Medicine after 15 years.

Prior to joining the WesternU faculty, Dr. Nelson served as an associate dean at Mississippi State University College of Veterinary Medicine from 1994-2005. He also was a professor of academic and public affairs from 2001-05 at MSU.

In 2005, he joined WesternU as executive associate dean for preclinical programs and became the veterinary school's second dean two years later.

Chamberlain University is run by Adtalem Global Education—formerly DeVry Inc.—a for-profit institution that also owns Ross University School of Veterinary Medicine in St. Kitts, West Indies.

# **University of Maryland Eastern Shore**

The University of Maryland Eastern Shore (UMES), a historically Black college and university (HBCU) in Princess Anne, Maryland, received approval from the University System of Maryland to offer a veterinary school on December 15, 2023, according to a <u>university announcement</u>.

The proposed veterinary program will have a consultative site visit from the AVMA COE from July 7-11.

If accredited, this would be the second HBCU to offer a veterinary school after Tuskegee University and the first standalone program in Maryland, as there is currently the Virginia-Maryland College of Veterinary Medicine based in Blacksburg, Virginia.



Dr. Kimberly Braxton instructs preveterinary students at the University of Maryland Eastern Shore's (UMES) campus farm. Dr. Braxton is UMES's campus veterinarian, an assistant professor, and preveterinary faculty advisor. She has been named interim founding dean of the

university's proposed School of Veterinary Medicine. (Photo courtesy of UMES Ag Communications/Todd Dudek)

The proposed program would have a have a class size of 100 and three-year curriculum covering nine semesters. Tuition has not yet been set.

"We will utilize campus facilities in the first six semesters and rely principally in the final year on a distributive model of clinical education with proven partners," said Moses T. Kairo, PhD, professor and dean of the university's School of Agricultural and Natural Sciences.

He added that UMES will build new facilities and upgrade existing infrastructure as well as partner with existing organizations to leverage their facilities. The proposed program also anticipates developing strategic partnerships with other HBCU colleges and universities.

"As a land-grant HBCU dating back to the 1890s, we've been training underserved students in areas, including animal health, for a long, long time," Kairo said. "We are painfully aware of the acute shortage of diverse veterinarians, especially Black Americans, so our mission is to serve Maryland as a public institution and diverse students from all corners of the United States."

Dr. Kimberly Braxton, an assistant professor and campus veterinarian at UMES, has been named interim founding dean. She will hold this position until a successful search for a permanent dean next year, according to the announcement.

A UMES alumna, Dr. Braxton received her veterinary degree in 2012 from Purdue University and has served as the preveterinary faculty advisor for the past five years. She is also the Institutional Animal Care and Use Committee (IACUC) attending veterinarian and is currently pursuing a master's degree in laboratory animal science at Drexel University.

### **Rocky Vista University**

Rocky Vista University (RVU) officially announced January 11 plans to develop its proposed College of Veterinary Medicine in Billings, Montana. RVU has been working on this project for the past 18 months and is pursuing AVMA COE accreditation, according to a <u>Billings Gazette article</u>.

The proposed veterinary program will have a consultative site visit from the council July 21-25.

University officials said if approved by the AVMA COE, RVU will move forward with a building dedicated to the proposed veterinary college on land it has acquired on Billings's west end, <u>according to news reports</u>.

The university opened its College of Medicine this past July. The proposed veterinary college would be the first in the state and offer a three-year program.

Dr. Robert Murtaugh has been appointed as the founding dean of the proposed veterinary college. Prior to this position, he was chief professional relations officer of Thrive Pet Healthcare.

A 1980 veterinary graduate of the University of Minnesota, he joined the veterinary faculty from 1984-98 at what is now known as Cummings School of Veterinary Medicine at Tufts University.

He was chief of staff for two years at the nonprofit DoveLewis Emergency Animal Hospital in Portland, Oregon, before joining VCA Animal Hospital in 2000.

Steve Arveschoug, Big Sky Economic Development executive director, <u>was quoted as saying</u> that his organization's commitment involves supporting the infrastructure requirements for the expansion of the RVU campus and facilitating the natural partnerships that come with this newly proposed veterinary program.

He pointed to the Yellowstone Valley Animal Shelter, Zoo Montana, Rocky Mountain College Equestrian Studies program, local veterinary practices, and livestock operations in the region as opportunities for collaboration.

### **Hanover College**

Hanover College <u>announced late last year</u> that it plans to launch a veterinary program after its board of trustees voted to move forward with the project and begin seeking accreditation from the AVMA COE.

Hanover College is a private university located in Hanover, Indiana, which is 42 miles northeast of Louisville, Kentucky. If approved, it would be the second program in Indiana, joining Purdue University College of Veterinary Medicine.

The proposed veterinary college plans to offer a hybrid accelerated model, which would be "a blend of online lectures and discussions, along with centralized laboratory and regional clinical experiences," according to the announcement. In addition, Hanover College will place students at off-campus sites as part of its distributed clinical education model.



Hanover College in Hanover, Indiana, is one of nearly a dozen proposed veterinary colleges seeking a letter of accreditation from the AVMA COE.

In 2022, Hanover College and Ivy Tech Community College in Madison, Indiana, received a \$5.9 million grant from Indiana to launch the program.

The estimated cost for the proposed veterinary program is \$16.5 million for facilities and operational start-up costs, which includes building and renovating facilities on the Hanover College campus, according to the announcement, in addition to hiring faculty and staff members.

In conjunction with Hanover's program, Ivy Tech Madison will offer an associate degree veterinary nursing program, pending accreditation from the AVMA Committee on Veterinary Technician Education and Activities (CVTEA).

Dr. Christina V. Tran has been tapped as the <u>founding dean</u> as of February 5. She most recently served as clinical relations lead veterinarian and associate professor of practice at the University of Arizona College of Veterinary Medicine.

Dr. Tran previously served as director of veterinary technology and clinical assistant professor at Purdue from 2013-16. She was a member of Portland Community College's veterinary technology faculty from 2011-13.

She earned her veterinary degree in 2000 from the University of Illinois.

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