



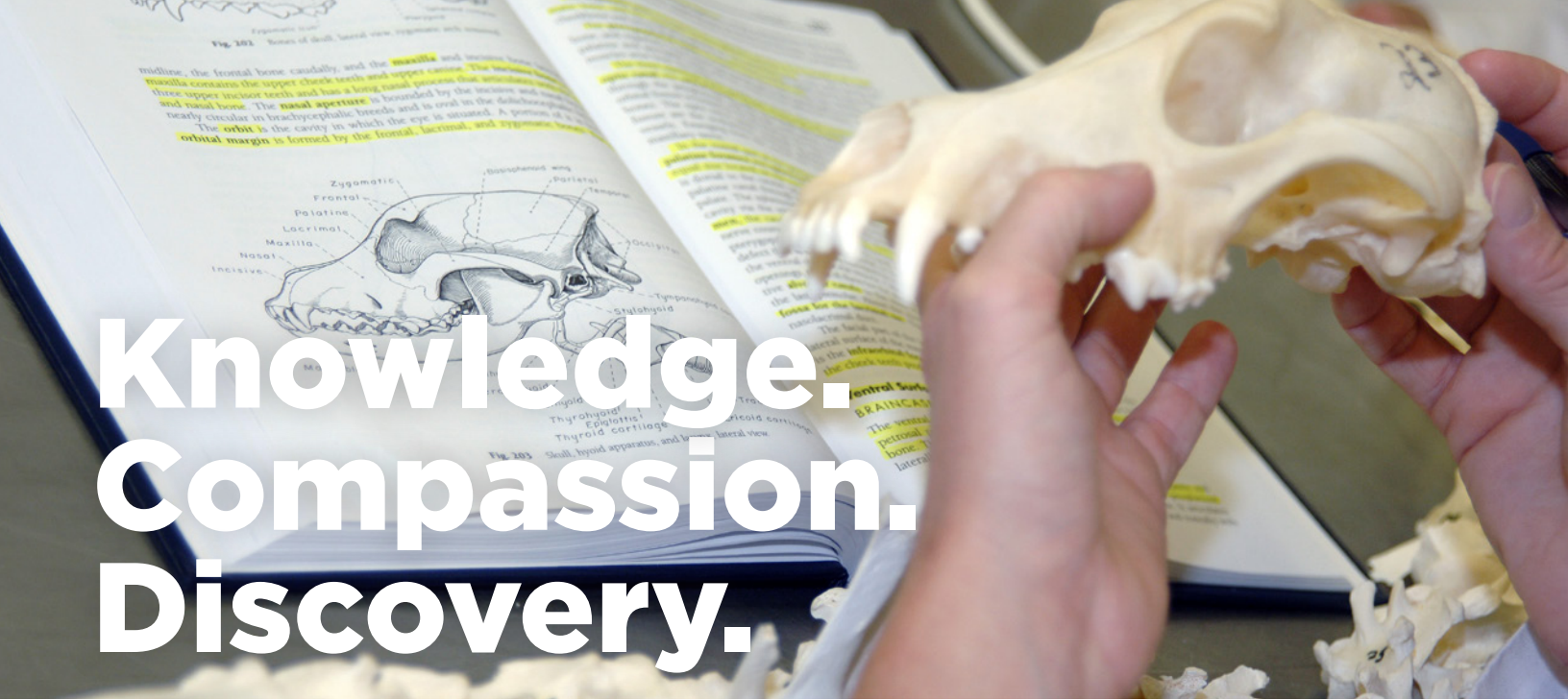
# EDUCATING a new generation of veterinarians

UNIVERSITY OF TENNESSEE COLLEGE OF VETERINARY MEDICINE

UT INSTITUTE OF AGRICULTURE | KNOXVILLE, TENNESSEE







# Knowledge. Compassion. Discovery.

These words form the driving framework for our everyday mission. The University of Tennessee College of Veterinary Medicine (UTCVM) is one of only 30 accredited veterinary colleges in the United States. We educate professional and graduate students in the art and science of veterinary medicine and related biomedical sciences, provide exceptional veterinary healthcare for all species, and advance scientific research to benefit our world.

## Doctor of Veterinary Medicine (DVM) Degree

Our students prepare for their professional studies by first completing three to four years of pre-veterinary course requirements as undergraduates. The professional veterinary curriculum is a four-year program, composed of nine semesters. During the first year, we emphasize developing a strong basic science foundation, followed by the study of diseases — their causes, diagnoses, treatments, and preventions — during the second and third years. Innovative features of the UTCVM curriculum include several student-centered, small group, applied learning exercises; dedicated clinical experiences in the veterinary medical center; and elective course opportunities that allow students to focus on specific educational and career goals. In the clinical year, students participate exclusively in clinical rotations in the veterinary medical center and in required externships (temporary educational experiences in private or academic practice).

## Internships & Residencies

Part of the college's purpose is to provide post-DVM educational opportunities in the form of internships and residencies. Internships are one-year programs in either large or small animal medicine, offering veterinarians broad-based clinical exposure to areas that include surgery, medicine, radiology, emergency medicine, ophthalmology,

neurology, dermatology, intensive care, ambulatory services, theriogenology, and anesthesia. Residents participate in a three-year program, specializing in one particular clinical area.

## Graduate Degree Programs

The College is home to the intercollegiate Comparative and Experimental Medicine (CEM) graduate degree program, the only biomedical-based graduate degree program located in Knoxville. CEM awards both Master of Science (MS) and Doctor of Philosophy (PhD) degrees, as well as a dual DVM-PhD. Graduate studies in CEM focus on a comparative approach to understanding biomedical and veterinary sciences to prepare students for research and academic health sciences careers.

A Master of Public Health (MPH) degree with a veterinary public health concentration is available only to veterinary students in the UT College of Veterinary Medicine (dual DVM-MPH), graduate veterinarians, and licensed veterinary medical technicians (LVMT). Veterinary public health focuses teaching and research on various aspects of One Health, the link between human, animal, and ecosystem health. Public health practitioners play an integral role in food safety, disease prevention in both humans and animals, and the promotion of the human-animal bond.

A dual DVM-MS degree in animal science is also available for students that are interested.

# HEALING ANIMALS & SO MUCH MORE

Veterinarians make a difference every day. Veterinary medicine offers opportunities to work with animals, people, and the environment.

## Typical Careers Include

- Private practice – small, large, exotic, or mixed animals
- Shelter medicine
- Corporate veterinary medicine
- Biomedical research
- Local or national government – biosecurity, regulatory medicine, food inspection and safety, or research
- Agriculture – animal health
- Zoo/Conservation/Wildlife
- Military – biomedical research, or care for working dogs
- Academic practice – teaching and research
- Public & global health
- Work with nonprofit organizations

While the selection process is rigorous, UTCVM looks for well-rounded individuals who are more than just a GPA. Animal experiences, leadership in clubs and organizations, volunteer positions, research projects, community involvement, and other talents may provide the right combination of skills that make a successful veterinary student and veterinarian.

## COMMON QUESTIONS

### 1. When can I apply for veterinary school and how should I prepare?

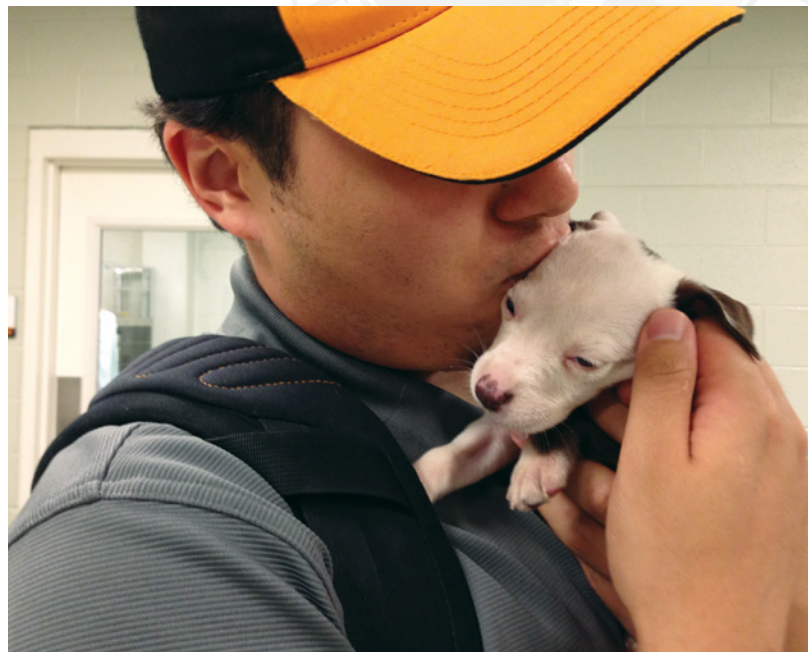
You can apply the year prior to expected entry, if all prerequisites will be complete before entry. You can start preparing for your journey to become a veterinarian while in high school. You will need to do well in chemistry, physics, biology, mathematics, and English. There are many courses you have to take in college before meeting the requirements to apply for veterinary school. Most applicants have completed an undergraduate degree and acquired significant exposure to veterinary medicine and to different species of animals.

### 2. How do I gain the necessary experience?

Job shadowing and volunteering are excellent ways to gain experience in the field of veterinary medicine. At UTCVM, we encourage you to gain varied animal experience, both with and without veterinarians. It is important to log the time you spend gaining experience. Make sure to note the hours, the species involved, the veterinarians you worked/volunteered with, and any unique opportunities.

### 3. Do I have to be a pre-veterinary medicine major?

No, but you must complete the prerequisite coursework. While the majority of our students have majored in animal science



or biology, others have completed varied degrees such as music, accounting, chemistry, and engineering. See the list of prerequisite coursework for UTCVM on the following pages.

### 4. Do I need to get my undergraduate degree from the same school as my veterinary medicine degree?

No, but your undergraduate coursework must be from an accredited institution. At UTCVM, the majority of the students are Tennessee residents.

### 5. Do I have to study all animal species?

Yes. At UTCVM, you will learn to treat many species of animals, including dogs, cats, cows, horses, pigs, sheep, birds, exotic pets, wildlife, etc. Through electives, you will also have the opportunity to focus on your specific areas of interest.

### 6. What specialties are available in veterinary medicine?

Many specialties exist, such as cardiology, ophthalmology, surgery, and avian/zoological medicine. For a complete list of the 41 recognized veterinary specialties, visit [www.avma.org/public/YourVet/Pages/veterinary-specialists.aspx](http://www.avma.org/public/YourVet/Pages/veterinary-specialists.aspx).

### 7. How long does it take to finish veterinary school?

In the United States, it takes 4 years. The first 2.5 years are traditional fall and spring semesters of classroom work, laboratories, and clinical exposure. The last 1.5 years are spent in clinical rotations. If you decide to enroll in a dual DVM-PhD, DVM-MPH, or DVM-MS degree program, it will take more than 4 years.

### 8. How much does veterinary school cost?

The cost varies by university. You can check UTCVM's current tuition, fees, financial aid, and scholarship information at [tiny.utk.edu/vetmedadmissions](http://tiny.utk.edu/vetmedadmissions).



# VETERINARY SCHOOL PREPARATION CHECKLIST

## High School

- ❑ **Study hard** – focus especially on math and science classes. If available, take Advanced Placement (AP) courses.
- ❑ **Spend time with animals** – consider volunteer or internship programs at veterinary clinics, animal shelters, farms, or zoos, or through experience with Eagle Scouts, 4-H, or FFA programs.
- ❑ **Find a professional** – seek information or advice about the profession from local veterinarians who may be willing to serve as mentors.
- ❑ **Explore what's out there** – attend college health fairs, then start combing the internet for veterinary colleges that might interest you, and perhaps even visit a campus to see what it's like. Some veterinary colleges, like UTCVM, provide summer programs for high school students to gain veterinary experience ([tiny.utk.edu/VSEP](http://tiny.utk.edu/VSEP)).

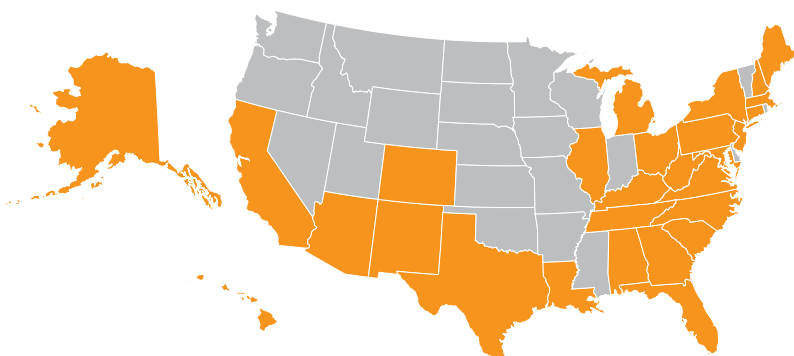
## College

- ❑ **Meet with your advisor often** – your advisor can help make sure you're staying on track towards your goals.
- ❑ **Complete prerequisite coursework** – begin taking prerequisite courses early in your collegiate career – biology, chemistry, physics, etc. Don't wait until the last semester of college to take all your most difficult classes. Doing so can reflect poorly on your vet school application and can skew your final GPA. Visit college websites or the VMSAR (Veterinary Medical School Admission Requirements) for lists of prerequisite courses.
- ❑ **Use your summers** – find animal internships or volunteer opportunities to participate in during the summer.
- ❑ **Work on research projects** – find opportunities to participate in student research projects or assist professors with research.
- ❑ **Join a club** – if your school has a pre-veterinary club, join it and take leadership roles to expand your experience.
- ❑ **Develop communication skills** – good communication skills are necessary for veterinarians as they work with animal owners. Consider coursework or extracurricular activities designed to improve your communication skills. It may also help during the interview process.
- ❑ **Visit vet schools** – start thinking of which veterinary colleges you would like to apply to and plan visits to learn more about their admissions process. Visit the Association of American Veterinary Medical Colleges (AAVMC) to compare programs ([aavmc.org](http://aavmc.org))
- ❑ **Explore careers** – learn more about the variety of careers that you can pursue with a degree in veterinary medicine.
- ❑ **Request recommendation letters** – find people to write meaningful letters of recommendation for you – veterinarians are preferred, but you may consider supervisors from your animal experiences and professors who know you well. You will need 3-6 recommendation letters.
- ❑ **Start the application process** – visit [aavmc.org](http://aavmc.org) to learn more about the process and start your application as well as the supplemental application for the colleges for which you plan to apply. These are usually due the year before you start veterinary school, typically by mid-September.
- ❑ **Interview** – the selection process is lengthy, including academic scoring and reviews for all applicants. Interviews at UTCVM take place in October for Tennessee residents and in January for out-of-state residents.
- ❑ **Accept admission offers** – If you are offered admission to a veterinary college, you have until April 15th (or the following Monday if the 15th falls on a weekend) to notify the college that you accept their offer. Then, it will be time to start your future in veterinary medicine!



## GEOGRAPHIC DISTRIBUTION

■ Students' home states for UTCVM Classes 2018-2021. Puerto Rico and other locales outside the US are not shown here.



## #YouAreWelcomeHere

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A candidate for the UTCVM DVM program must have completed the minimum course requirements listed below by the Spring term prior to the time of enrollment. Prerequisite

# DVM ADMISSION REQUIREMENTS FOR UTCVM

courses may be completed at any accredited college or university offering courses equivalent to those at the University of Tennessee, Knoxville. Applicants are strongly encouraged to take additional biological and physical science courses, especially comparative anatomy, mammalian physiology, microbiology, and statistics. Completion of pre-veterinary course requirements alone does not guarantee acceptance.

## Prerequisite Coursework

English composition	6
Humanities / social sciences	18
General chemistry with lab	8
Organic chemistry with lab	8
Biochemistry, exclusive of lab*	4
Physics with lab	8
General biology / zoology with lab	8
Cellular biology	3
Genetics	3
<b>Total semester hour credits</b>	<b>66</b>

Prerequisite courses must be completed by the end of the spring term prior to enrollment. **All prerequisite courses must be completed with a grade of C or better.**

*\* This should be a complete upper-division course in general cellular and comparative biochemistry. Half of a two-semester sequence will not satisfy this requirement. The biochemistry course requirement must have been satisfactorily completed within five years of the time you wish to enter our program.*

## Admissions Procedure

The University welcomes applications for admission from the United States and all other countries. Language requirements and other international student requirements can be found at [gradschool.utk.edu/admissions/applying-to-graduate-school/admissions-for-international-students](https://gradschool.utk.edu/admissions/applying-to-graduate-school/admissions-for-international-students). All applicants must use the Veterinary Medical College Application Service (VMCAS). VMCAS is a centralized application service that provides for the collection, processing, verification, and distribution of applicant data to participating colleges. VMCAS is not involved in the admissions decisions; the decisions are the prerogative of the UT College of Veterinary Medicine.

UTCVM's selection process consists of evaluations of academic scores, reviews of each applicant's file, and interviews of selected applicants. Interviews are conducted in October for Tennessee residents and in January for out-of-state residents. Complete details about the current admission



requirements and procedures are available at [tiny.utk.edu/vetmedadmissions](https://tiny.utk.edu/vetmedadmissions). While priority is given to qualified Tennessee residents, a limited number of highly qualified non-resident applicants will be admitted each year.

## GPA

Non-Tennessee applicants must have a minimum cumulative GPA of 3.20 on a 4.00 scale for applications to be considered.

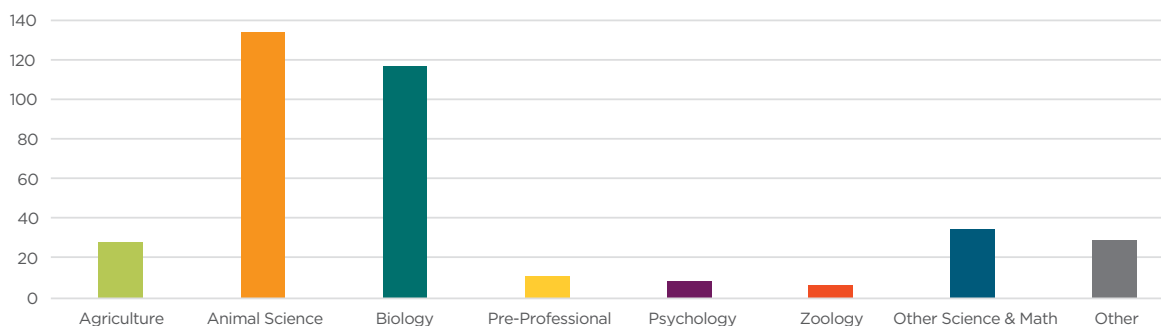
## Disadvantaged/Hardship Statement (Optional)

If applicants are below the academic benchmark, applications with valid disadvantages/hardships will be reviewed to assess if further evaluation is appropriate based on conditions of hardship. Examples of hardships include, but are not limited to:

- Economic limitations
- Educational disadvantages
- Cultural background
- Discrimination based on race, religion, gender, etc.
- Physical disabilities
- Family challenges
- Other mitigating circumstances

## UNDERGRADUATE MAJORS

*Representing students in UTCVM Classes 2018-2021.*



## Additional Requirements & Considerations

- Animal/veterinary experience
- Recommendations/evaluations
- Personal attributes
- Extracurricular and/or community service activities
- Leadership skills
- Personal statement/essay
- Knowledge of the veterinary profession
- Evidence of logical preparation for a veterinary career
- Communication skills

## Admission Timetable

- September 15th: application deadline (by 1:00pm EDT)
- Mid- to late-September: Interview notifications (in-state residents)
- October: interviews held (in-state residents)
- Mid-December: Interview notifications (out-of-state)
- Mid- to late-January: interviews held (out-of-state)
- Mid-February: offers of admission mailed
- April 15: applicant's response required
- August: first-year orientation and classes begin

SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY
APPLICATION DEADLINE TN RESIDENT INTERVIEW NOTIFICATION	TN RESIDENT INTERVIEWS		OUT-OF-STATE INTERVIEW NOTIFICATION	OUT-OF-STATE INTERVIEWS	ADMISSION OFFERS MAILED
MARCH	APRIL	MAY	JUNE	JULY	AUGUST
	APPLICANT'S RESPONSE DEADLINE				CLASSES BEGIN

**1** OF ONLY **30** Veterinary Colleges in the United States  
\*2018 data

**1974** COLLEGE ESTABLISHED  
**1976** CLASSES STARTED IN  
**4-YEAR** CURRICULUM (9 SEMESTERS)

**1,100** DVM STUDENT APPLICATIONS ANNUALLY  
**85** STUDENTS SELECTED PER CLASS  
**2,385** TOTAL GRADUATED VETERINARIANS

**115** FACULTY | **281** STAFF

**353** DVM STUDENTS | **45** GRADUATE STUDENTS

# Why UTCVM?



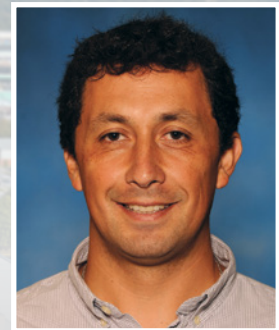
"Having been a part of the UT system through my undergraduate education and many years of employment, the encouragement and support shown by the UTCVM faculty and staff was an affirmation of what I already knew to be true...UT cares and is committed to its students."

**Ernestine Hayes**  
UTCVM Class of 2018



"I chose UTCVM because of the family atmosphere and supportive environment. It's so much more than just classes. UT encourages students to go after their dreams and provides opportunities for us to pursue our education to the fullest potential. Go Vols!"

**Leanne Fowler**  
UTCVM Class of 2018



"UTCVM was the first school I visited. After my visit, I thought, 'I don't think other schools can do better than this.' I was right! I visited and interviewed at 5 other schools, but I didn't find there what I found here, a family and a home."

**Pablo Jarrin Yopez**  
UTCVM Class of 2019



Teaching is job one at UTCVM. We teach the science and art of veterinary medicine, serve as a resource for referring veterinarians, provide compassionate healthcare, and make discoveries that advance the health and wellbeing of animals and people. Our people touch multiple lives every day.

The UTCVM Veterinary Medical Center, the service component of the college, includes the John & Ann Tickle Small Animal Hospital; the Avian, Exotic Animal and Zoological Medicine Hospital; the Farm Animal Hospital; the Equine Hospital; the Equine Performance & Rehabilitation Center; and the Diagnostic Laboratory Services. The veterinary medical center is a world-class veterinary healthcare facility dedicated to compassionate patient care and education. Our doctors and professional staff, experienced in a broad range of medical and surgical specialties, serve as an essential resource for primary care veterinarians and their clients throughout the world. The wide variety of complex diseases and injuries treated at our veterinary medical center not only allows us to elevate the standard of care, but also ensures our students are exposed to the breadth of veterinary medicine and advanced diagnostics that are necessary to create the next generation of talented veterinary professionals.

Under the supervision of our internationally recognized experts, veterinary students become the veterinarians of

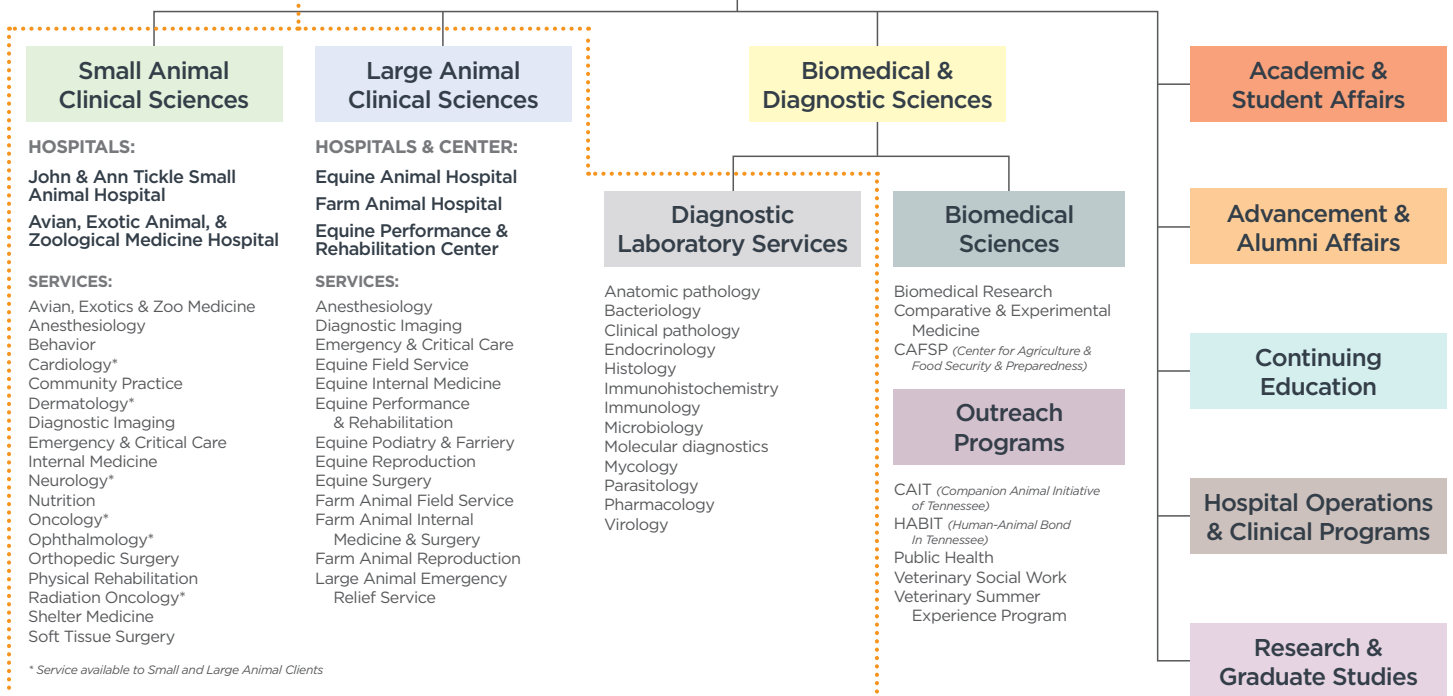


tomorrow, and residents and interns learn specialty skills to advance the profession. The process of evaluating an animal's case in a teaching environment allows clients to take advantage of many talented team members who study the animal's condition in detail to provide the best healthcare.

Our team of board-certified specialists (veterinarians who have completed at least three years of specialized training in their field and who have successfully passed stringent certifying examinations), residents (veterinarians training to become specialists), interns (veterinarians in a one-year program to receive broad-based clinical exposure), clinical-year veterinary students, and licensed veterinary technicians are dedicated to working together to provide the best possible medical care for animals.



## UTCVM VETERINARY MEDICAL CENTER





# Large Animal CLINICAL SCIENCES

**The mission of Large Animal Clinical Sciences is to advance the practice of veterinary medicine and surgery by the promotion of scholarly activity, education, and maintenance of animal health. Our goal is to achieve distinction while sustaining balance in teaching, service, and research.**

Large Animal Clinical Sciences provides referral service, routine care, emergency care, and herd disease outbreak investigations for horse and livestock owners, treating nearly 16,000 animals each year. The faculty, specialists in their field, are dedicated to providing the most progressive care for large animals, continuing education for the community and practicing veterinarians, and advancing discovery to serve the citizens of Tennessee and beyond. In fact, the Equine Hospital is a national leader in regenerative medicine for horses, caring for patients from around the world.

The college is home to top-of-the-line Farm and Equine Hospitals and a 30,000 sq. ft. Equine Performance and Rehabilitation Center that includes a full-size arena, in-ground water treadmill, podiatry center, salt water spa, and a free-walker. These facilities provide advanced technology for the diagnosis, treatment, and rehabilitation of horses and livestock, enabling the college to continue to serve our patients with the highest level of care.

Even though the hospitals primarily treat horses and cattle, they also routinely provide care for a wide variety of species, including sheep, goats, pigs (commercial and pet pigs), South American camelids (llamas, alpacas), and other large animals. An on-site Certified Journeyman Farrier, skilled in routine and corrective farriery as well as advanced podiatry, works closely with our equine surgeons. All of the college's services are fully staffed with teams of senior faculty, residents, interns, students, and veterinary technicians with access to state-of-the-art facilities to serve the needs of our patients and clients.

During a typical appointment, a fourth-year student works with the faculty, veterinary technicians, residents and/or interns to gather information about the patient's medical history and perform a physical examination. The student and the supervising veterinarian then review this information and discuss their findings with the client. Our faculty supervise every step of an animal's treatment and care.





## Services and Expertise

Housed within the Equine and Farm Animal hospitals are the tools and resources our experts use to protect and advance animal health.

- Ambulatory equine and farm animal field services
- Anesthesiology & acupuncture
- Cardiology
- Dermatology
- Emergency and critical care medicine
- Gastroenterology
- Hyperbaric oxygen therapy
- Internal medicine
- Journeyman farrier and podiatry expertise
- Neonatology
- Ophthalmology
- Orthopedic and soft tissue surgery
- Regenerative medicine
- Reproductive medicine
- Sports performance and rehabilitation medicine

## Facility Resources

Our facility offers many specialized features to provide the highest quality of care for our patients.

- Equine Performance and Rehabilitation Center, with a lameness diagnostic center, event-sized arena, in-ground underwater treadmill, free walker, cold salt water therapy spa, solarium, podiatry, and farrier facility with forge
- John & Ann Tickle Diagnostic Imaging Center with spiral computed tomography, magnetic resonance imaging, nuclear scintigraphy, digital radiography, and ultrasonography
- Dedicated Intensive Care Unit with shared mare and neonatal foal stalls
- Orthopedic, standing, soft tissue, and colic surgical theaters
- Extensive biosecurity and contagious disease isolation containment facilities
- Dedicated wards for horses, sheep and goats, llamas and alpacas, and cattle
- Farm animal outpatient working facility, inpatient treatment facility, rehabilitation suite with dedicated down-cow stalls and hydro-floatation units, standing and general surgery theaters, and intensive care capabilities
- Ambulatory Field Service units, including four fully-equipped mobile hospitals for farm animals and horses







# Small Animal CLINICAL SCIENCES

The mission of Small Animal Clinical Sciences is to provide exceptional and compassionate medical and surgical care for companion animals. Our goal is to promote excellence in veterinary education, service, and research.

Caring for companion animals is our passion and expertise, and as such we hold ourselves to a higher standard. Each year, our board-certified specialists at the John & Ann Tickle Small Animal Hospital diagnose and treat more than 16,000 dogs and cats. The majority of appointments are by referral only. In addition to referrals, the Avian, Exotic Animal, and Zoological Medicine Hospital provides primary care, serving 3,000 patients annually. The hospitals' services are fully staffed with teams of senior faculty, residents, interns, students, and veterinary technicians with access to state-of-the-art facilities to serve the needs of our patients and clients.



In addition to patient care, Small Animal Clinical Sciences:

- Trains post-DVMs in various clinical specialties.
- Provides veterinary practitioners with continuing education to improve their clinical knowledge and skills.
- Provides consultation services for veterinarians, sharing newly discovered veterinary knowledge.
- Maintains a comprehensive, modern hospital that provides advanced diagnostics and patient care.
- Conducts clinical research to generate new knowledge that will lead to improved patient care.
- Employs board-certified specialists and highly-trained staff who are compassionate to the needs of our clients and patients.

During a typical appointment, a fourth-year student gathers information about the patient's medical history and performs a physical examination. The student reviews the information with a supervising veterinarian who then joins the student to complete the examination process. Our faculty supervise every step of an animal's treatment and care.

The John & Ann Tickle Small Animal Hospital is a **Level II Emergency and Critical Care facility** with the resources and specialty training necessary to provide sophisticated acute patient care, 24 hours per day, 7 days per week.





## Services and Expertise

Housed within the John & Ann Tickle Small Animal Hospital and the Avian, Exotic Animal, & Zoological Medicine Hospital are the tools and resources our experts use to protect and advance animal health.

- Anesthesiology
- Avian and exotic animal medicine and surgery
- Behavior medicine
- Cardiology
- Community Practice – primary care medicine
- Comprehensive diagnostic imaging
- Interventional radiology
- Dermatology
- Emergency and critical care medicine
- Gastroenterology
- Internal medicine
- Medical and radiation oncology
- Medical and surgical neurology
- Minimally invasive surgery
- Nutrition
- Ophthalmology
- Orthopedic and soft tissue surgery
- Physical rehabilitation and sports medicine
- Regenerative medicine
- Shelter medicine
- Urology/nephrology
- Zoological medicine



## Facility Resources

Our facility offers many specialized features to provide the highest quality of care for our patients.

- Aquatic and Physical Rehabilitation Center with a therapy pool, underwater treadmills, and an agility room
- The Aslan Intensive Care Unit (**Level I Emergency and Critical Care facility**) with direct access to emergency triage
- Anesthesia and surgery preparation suite, plus seven surgical theaters
- Biosecurity and contagious disease isolation facilities
- Nestlé-Purina Nutrition Center
- Dedicated medical and surgical wards
- Medical oncology and radiation therapy facilities, including linear accelerator, brachytherapy, and nuclear medicine
- Dedicated cardiology, dermatology, endoscopy, minimal invasive surgery, primary care, and ophthalmology suites
- John & Ann Tickle Diagnostic Imaging Center with 1.5-Tesla magnetic resonance imaging (MRI) and 40-slice computed tomography (CT) multi-detector scanner
- Specialized avian, exotic animal, wildlife, and zoological medicine treatment rooms and surgery wards





# Biomedical and Diagnostic Sciences

## & SUPPORT/OUTREACH PROGRAMS

The Department of Biomedical & Diagnostic Sciences prepares students for the diversity of careers in veterinary medicine. Faculty and staff engage in and promote discovery and graduate training in veterinary medicine and public health and also provide comprehensive diagnostic services for clients around the world. The department conducts outreach activities that encourage and enhance the health of animals, humans, and their shared environment.

The Department of Biomedical & Diagnostic Sciences encompasses Biomedical Sciences and Research, Diagnostic Service Laboratories, and Veterinary Public Health & Outreach.

These sections represent diversity and unity in the teaching, service, and discovery aspects of veterinary medicine. Our blend of disciplines provides continuity in the education and application of veterinary medicine.

### Research

We research solutions to problems that affect animals, humans and the environment. Our faculty, staff, and students contribute to the process of discovery through a wide range of interests from the laboratory to the clinic. Our studies impact not only veterinary medicine but also the public health needs of the state and nation by exploring the interactions between animals, the environment, and people. Among other focuses, our scientists perform research on cancer and infectious diseases at the cellular level, as well as conduct clinical research. Professional, graduate, and undergraduate students are often included in these research efforts and are authors on scientific publications. Our well-respected faculty serve as editors for scientific journals, share their knowledge and findings at national and international scientific conferences, and are funded by organizations, such as the National Institutes of Health, Department of Defense, and Morris Animal Foundation.

### Diagnostic Laboratories

The UTCVM Diagnostic Laboratories support the services within the veterinary medical center, veterinarians from regional referral centers, and clients from around the world. The laboratories provide an exceptional range of immediate services, including leading expertise in:

- Anatomic pathology
- Bacteriology
- Clinical pathology
- Endocrinology
- Histology
- Immunohistochemistry
- Immunology
- Microbiology
- Molecular diagnostics
- Mycology
- Parasitology
- Pharmacology
- Virology

Our diagnostic laboratories provide vital medical diagnostic and supporting services to veterinarians to ensure the health of their patients. Experienced personnel in our laboratories engage and support the college's sponsored research activities.

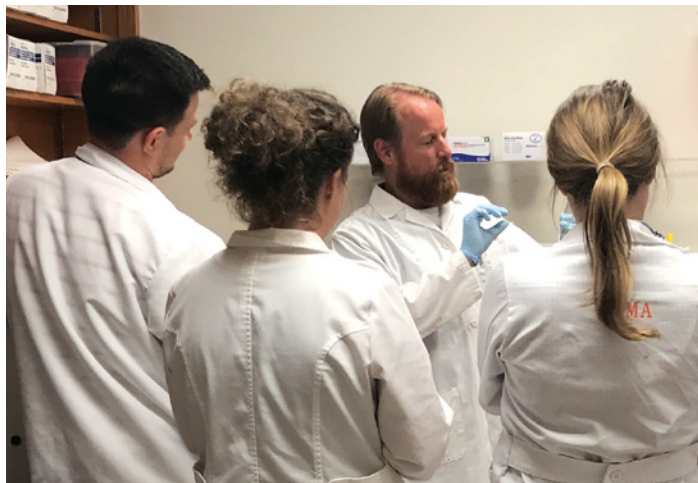
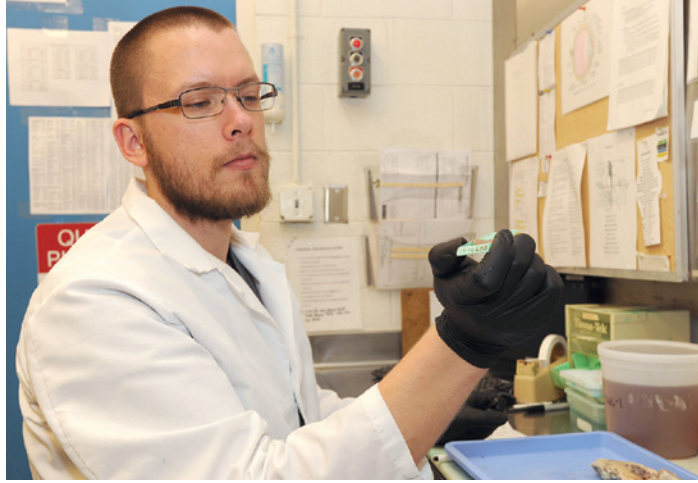


## Center of Excellence (COE) in Livestock Diseases & Human Health

The Center of Excellence was launched in 1984 and has developed successful programs to improve understanding, treatment, and prevention of livestock and human diseases. Programs focus predominantly on approaches to infectious diseases, tissue regeneration, host defense, molecular genetics, and carcinogenesis through cellular and in vivo research.

Since its inception, the center has developed investigative areas in animal models and comparative medicine and mechanisms of disease, pathogenesis, and immunity. Innovative, sophisticated, and contemporary developments have played critical and unique roles within UTCVM, as well as the Institute of Agriculture (UTIA).

These areas of research often overlap to address problems in animals, people, and the environment and embody the “One Health” concept.



## COE Summer Student Research Program

To foster interest in careers in biomedical research and enhance appreciation for scientific investigation, inquiry, and the acquisition of new knowledge, the center helps provide opportunities for veterinary students to perform research at UTIA.

Each summer, about 20 students participate in laboratory and field research and attend professional development seminars. Near the end of the 10-week program, students present their research findings to their colleagues, faculty, and staff. Since 2008, COE students have authored more than 60 peer-reviewed research articles.







# Community Outreach & SUPPORT PROGRAMS

Along with our commitment to animals, their owners, and referring veterinarians, the college strives to provide excellence in public education and community outreach. Outreach programs engage all ages of citizens and their animals in learning programs that explore the human-animal bond and promote wellbeing.



## Companion Animal Initiative of Tennessee (CAIT)

Every day in Tennessee, hundreds of cats or dogs are euthanized because there are not enough loving homes to accommodate the seemingly endless supply of kittens and puppies in the state. CAIT is working to change that. This program engages our veterinary students in community and global spay/neuter activities and exposes them to the problem of pet overpopulation. CAIT doesn't stop there, but also arms students with solutions they can put into practice when they move into other communities as veterinarians. A Shelter Medicine curriculum has been developed to show our students the realities of shelter medicine and the problems faced by sick, abandoned, homeless, and mistreated animals. The Mobile Spay/Neuter Clinic allows us to partner with animal shelters and clinics in the community to reduce the surplus of unwanted animals in Tennessee.



## HABIT

## Human-Animal Bond In Tennessee (HABIT)

HABIT is a group of human and animal volunteers working to serve the community by promoting the valuable bond between people and animals. Originally founded in 1986 to help communities deal with life's stresses, HABIT has been used as a model for successful animal-assisted therapy programs throughout the United States. In Tennessee, our volunteer teams visit area schools, nursing homes, cancer treatment centers, adult day programs, veteran centers, and most hospitals. Our volunteer teams change the lives of people from pre-k to hospice care.

To learn more about CAIT and HABIT, visit [vetmed.tennessee.edu/outreach](http://vetmed.tennessee.edu/outreach).







## Veterinary Social Work (VSW)

The primary mission of Veterinary Social Work is to provide support and education for students, faculty, staff, and clients of UTCVM. This service tends to the human needs in veterinary medicine and seeks to expand understanding about the services needed at the intersection of veterinary medicine and social work practice. From a strengths perspective and using evidence-based practice, VSW provides education, support, and training to UTCVM students, faculty, staff, and clients as well as other public health professionals.

VSW's focus areas include compassion fatigue & conflict resolution, the link between human & animal violence, animal-assisted interventions, and animal-related grief & bereavement. To learn more about Veterinary Social Work, visit [vetsocialwork.utk.edu](http://vetsocialwork.utk.edu).



## Annual Open House

Every spring, thousands of people from the community visit the UTCVM Open House. Organized by the students, this behind-the-scenes veterinary medicine experience features special activities, including a teddy bear clinic, canine parade of breeds, equine

parade of breeds, farm animal breeds, information about wildlife and exotic animals, and more. Visit [tiny.utk.edu/vetmedopenhouse](http://tiny.utk.edu/vetmedopenhouse) to learn more about Open House.

## Veterinary Summer EXPERIENCE PROGRAM

## Veterinary Summer Experience Program (VSEP)

The Veterinary Summer Experience Program provides valuable opportunities

for high school students interested in veterinary medicine, while simultaneously generating a pool of potential veterinary students. We designed the program to provide educational experiences and acquaint students with all facets of our exciting profession. Students work in a local veterinary practice in their hometown for six weeks and then spend one week in Knoxville as guests of the veterinary college. While here, they are involved in various educational programs, including lectures, laboratories, and clinical rotations.

To learn more, visit [tiny.utk.edu/VSEP](http://tiny.utk.edu/VSEP).





Knoxville is ranked in  
**TOP 35**

of MOST FUN Cities in the U.S.

by WalletHub.com, 2017

# Why #KnoxRocks

Knoxville is the big town with little attitude. With a sophisticated mix of culture and cuisine, served up with genuine hospitality, **Knoxville will surprise you.**

- More than **65 miles of greenway** loops and paths for walking, running, and biking
- Nine TVA reservoir lakes throughout the region, offering a broad spectrum of **water-related recreational opportunities**
- Urban Wilderness boasts more than 1,000 forested acres along downtown's south waterfront, offering more than 50 miles of multi-use trails, 10 parks, four civil war sites, incredible views, and **unparalleled natural features.**
- **Most Pet Friendly Community** in the Southeast (2011)
- Many **arts and cultural opportunities**, including the Knoxville Museum of Art, the Knoxville Symphony Orchestra, Knoxville Opera, and the Historic Tennessee Theatre just to name a few
- In addition to the **nationally ranked NCAA athletic programs** at the University of Tennessee, Knoxville also offers sports fans a **minor-league hockey team**, and a **minor-league baseball team** located just over 20 miles to the east

VisitKnoxville.com | 800-727-8045  
knoxvillechamber.com/relocation | 865-637-4550



UNIVERSITY OF TENNESSEE COLLEGE OF VETERINARY MEDICINE  
2407 River Drive | Knoxville, TN 37996

[vetmed.tennessee.edu](http://vetmed.tennessee.edu) | 865-974-8387

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