







REFERRING VETERINARIANS 2025 G U I D E

TEACH - HEAL - DISCOVER - SERVE

LETTER FROM THE LEADERSHIP

We hope you and your family have had a safe and healthy year. Thank you for your continued support of our mission to teach, heal, discover, and serve at our Columbia and Wentzville Veterinary Health Centers (VHC). We remain committed to providing exceptional service for you, your clients and their animals.

In addition to my existing assignment as chair of the Department of Veterinary Medicine and Surgery, I have now also assumed the role of director of the Veterinary Health Center. Additionally, we've appointed a team of associate chairs to oversee specific areas:

- Small Animal Clinical Sciences: Dr. Leah Cohn
- Large Animal Clinical Sciences: Dr. Joanne Kramer
- Multi-Species Sections: Dr. Jeffrey Bryan
- Research, Graduate Studies and Nonclinical **Areas:** Dr. Jeffrey Bryan

This new administrative structure is designed to streamline processes, improve the services we provide and reduce costs for the university. Many of you are familiar with Drs. Bryan, Cohn and Kramer. Their extensive experience and leadership skills will be invaluable as we move forward.

This 23rd edition of the Referring Veterinarians Guide is a resource designed to assist you in referring cases to the VHC. It provides:

- A pictorial directory of faculty, house officers and staff.
- Information about each of our clinical specialties.
- Clinic hours and toll-free telephone numbers.
- A list of staff with communication responsibilities.
- A table of contents to help you efficiently find important information.

VHC-Columbia

- Anesthesiology: Dr. Morgan Murphy completed her residency at Iowa State University and was most recently on faculty at Kansas State University.
- Orthopedic Surgery: Drs. Jessica McCarthy and Faolin Barrett have joined Dr. Derek Fox. Both are Diplomates of the American College of Veterinary Surgeons. Both Dr. McCarthy and Barrett join us from the University of Wisconsin, and Dr. Barrett, a former Mizzou small animal intern, completed her residency at the same institution.
- Cardiology: Dr. Anna McManamey is a

Diplomate of the American College of Veterinary Internal Medicine (cardiology). Dr. McManamey is an alumnus of MU and has joined us after serving on faculty at Purdue University. She will help us to expand our interventional caseload while providing excellent training to our students and house officers.

- Equine Medicine and Surgery: Dr. Hannah Leventhal is a Diplomate of the American College of Veterinary Internal Medicine (Large Animal) and is joining our faculty to manage our emergency caseload. She has worked in private referral practice and brings expertise in case management that will contribute to the education of house officers and students.
- Dentistry: Dr. Meagan Rau is a Diplomate of the American College of Veterinary Dentistry and now leads our referral dentistry service. She is a Mizzou graduate who spent time in private practice before working at Mizzou and completing her residency training at Arizona Veterinary Dental Specialists.
- Radiation Oncology: Dr. Ada Naramor is a Diplomate of the American College of Veterinary Radiology (Radiation Oncology) and will collaborate with Dr. Charlie Maitz to provide radiation oncology services and education at both our Columbia and Wentzville facilities.
- Small Animal Emergency and Critical Care: Dr. Dana Jarigese is a Ross University graduate who completed her clinical training at Mizzou and an internship at Tufts University. Dr. Mel Mosley, a Colorado State University graduate, joins us from private emergency practice.
- Sports Medicine and Rehabilitation: Dr. Missy Weber completed her DVM at the University of Tennessee and her residency at Twin Cities Animal Rehabilitation and Sports Medicine. We are happy that we can offer the state-of-the-art physical therapy and associated services to your patients.
- Social Work: Kaleigh Feldkamp, MSW has joined our team to assist current and former clients who are grieving the loss of a pet or coping with unexpected or severe illness in their pet. Companion animals have a profound impact on our lives, and we're proud to offer this valuable resource to pet owners who visit the VHC.

Investing in excellence

At the VHC, we're dedicated to providing the best possible care for Missouri's animals. Here's how we're continuously improving our services to benefit your patients:

- Advanced diagnostics: We've upgraded our stateof-the-art 3 Tesla MRI, the only one of its kind for veterinary use in Missouri. Improved image quality will help us detect smaller, more subtle abnormalities, particularly in brain, spine and musculoskeletal diseases.
- Enhanced surgical capabilities: New equipment

allows us to perform advanced arthroscopy procedures and total hip replacements. Additionally, we utilize 3D printing to assist in surgical planning and improve risk assessment.

- Minimally invasive surgery: Our growing minimally invasive surgery program now includes near infrared fluorescence. This technology helps locate blood vessels, nerves and tumors – leading to more precise resections and better outcomes.
- Subspecialty expertise: Our internal medicine service offers advanced care in specific areas like aerodigestive and urinary tract disorders. This includes procedures such as ectopic ureter diagnosis, stenting and more.
- Leading-edge research: Committed to constant advancement, we offer clinical trials at the VHC. Currently, trials are available in cardiology, internal medicine, oncology and neurology. Learn more at vhc.missouri.edu/clinical-trials and consider whether your patients are eligible for innovative treatment options.

Our goal is to work with you to ensure the best possible outcomes for your patients. By referring your patients to the VHC, you're giving them access to the latest advancements in veterinary medicine.

VHC-Wentzville

Our Wentzville Hospital, under the continued leadership of Dr. Susan Starr, has expanded its services. We now offer internal medicine, medical oncology, radiation oncology and imaging.

Dr. Sarah Bevin Rippy is leading the medical oncology service at this facility. After completing her residency in Medical Oncology at Mizzou, she gained experience in a private referral practice in Chicago before returning to the VHC-Wentzville.

Dr. Ashley Anderson, who completed her residency in Small Animal Internal Medicine at Mizzou, has established a referral internal medicine service at this location.

Our radiation and medical oncology team from the Columbia campus continues to provide on-site support at Wentzville.

We're excited about these positive changes and the expanded services we can now offer.

Sincerely,

John R. Dodam, DVM, MS, PhD, Dipl. ACVAA Director, Veterinary Health Center Professor and Chair, Department of Veterinary Medicine and Surgery



ADMINISTRATION



John Dodam DVM, MS, PhD, DACVAA **VHC Hospital Director**





DVM, MS, PhD, Research and Multispecies Associate Chair Associate Chair



DACVIM Small Animal



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care, from on-farm preventive medicine to complex referral care. The MU Veterinary Health Center is on the cutting edge of lameness diagnosis and treatment. A team of veterinary specialty clinicians, residents, interns, students, technicians and assistants provide your client's horse with the best medical care.

AMBULATORY

The equine ambulatory program provides on-farm service with three faculty veterinarians and three rotating interns. The team offers a full spectrum of services.

- * Upper airway endoscopy
- * Gastroscopy
- * Digital ultrasound
- * Digital radiography
- * Lameness examinations
- * Equinosis Lameness Locator
- * Preparation of IRAP, PRP and stem cell therapy
- * Routine and advanced dentistry
- * Electronic Coggins and health certificates available next day
- * Vaccinations

MEDICINE

Our Internal Medicine team provides superior emergency, intensive and elective care for a wide variety of conditions. The advanced diagnostic testing capabilities, treatment modalities and collaboration among specialty services within the Veterinary Health Center allow for the most comprehensive care possible in the Midwest. Services include:

- * Abdominal and thoracic ultrasonography and radiography
- * Computed tomography (CT scan)
- * Gastric, respiratory and urinary endoscopy
- * Ophthalmology, dermatology and oncology
- * Cardiology (echocardiogram and continuous telemetry)
- * Neurology and neonatal foal medicine
- * Gastroenterology (gastric ulcers, colic and colitis)
- * Myopathy and nutritional evaluations
- Hepatic and renal system assessments
- * Dentistry and oral surgery
- * Infectious disease management and isolation
- * On-site endocrinology diagnostic testing (PPID and EMS)
- * 24-hour emergency and intensive care services

SURGERY

and lameness services are available, including standing CT, arthroscopy, abdominal surgery, wound treatment,

and dental surgery, tendon/ligament surgery, MRI, nuclear scintigraphy (bone scan), podiatry services and regenerative therapies.

- * Equine surgery specialists
- State-of-the-art hospital facilities
- Cutting-edge lameness diagnosis and therapy

EQUINE MEDICINE AND SURGERY FACULTY



DVM, DABVP Clinical Instructor Surgery Professor



Philip Johnson RVSc (hons) MS, MRCVS, DACVIM. DECVIM



Endowed Equine

Lameness Progran

Kevin Keegan DVM. MS. DVM MS DACVS DACVS Professor Surgery, Director Surgery of E. Paige Laurie





Leventhal DVM MS. DACVIM (LAIM) Assistant Teaching Professor Equine Emergency



Alison LaCarrubba DVM, DABVP Teaching Professor Internal Medicine Professor



DVM. MPH. DVCAIW Assistant Teaching Internal Medicine



DVM, MS, DACVS Assistant Teaching Ambulatory Professor



Kile Townsend DVM. DABVP DVM, MS, Associate Teaching **Assistant Teaching** Professor Internal Medicine

EQUINE INTERNS

Professor



EQUINE RESIDENTS



McCurdy

VETERINARY TECHNICIAN

Equine Staff Supervisor, Lead RVT















BVSc MRCVS



DVM

Sarah Ramsey Nicole Scarberry

VETERINARY ASSISTANTS

A full spectrum of elective and emergency surgery



Joyce Guthrie



FOOD ANIMAL AMBULATORY, M The VHC Food Animal Hospital is one of the busiest

food animal hospitals in North America. The bulk of the caseload consists of traditional agricultural animals, including beef cattle, dairy cattle, swine, sheep and goats. The clinic also provides services to nontraditional livestock owners.

SERVICES AT THE VETERINARY HEALTH CENTER

- * Medicine and surgery specialists
- * Full-service hospital that caters to both inpatients and outpatients
- * 24-hour emergency service
- * 24-hour intensive care available for inpatients
- * Indoor animal handling facility including rotating chute, squeeze chute with scale and cattle transport chutes
- * State-of-the-art surgical facility
- * Diagnostic imaging capability (radiography, ultrasound, CT and MRI)
- # Endoscopy
- * Access to specialists/experts in radiology, oncology, cardiology, ophthalmology, neurology, emergency and critical care, dentistry, dermatology, nutrition and surgery

AMBULATORY/PRODUCTION MEDICINE

- * Full-service ambulatory service equipped for routine and emergency care of healthy and sick animals or groups of animals
- * Medicine specialists
- * Preventive medicine specialist
- * 24-hour emergency service
- * Regulatory medicine (Certificates of Veterinary Inspection, TB testing, Brucellosis testing and vaccination)
- Disease outbreak investigation
- * Herd-level production medicine consultation (cow/calf, dairy, feedlot, swine, sheep, goats and camelids)
- * Certification in the Missouri Stocker/Feeder Quality Assurance Program (MSFQAP)

FOOD ANIMAL MEDICINE AND SURGERY FACULTY







Corinne Bromfield Associate Extension Professor (Swine)



Luis Rivero* DVM, MS, DACVIM-LA Assistant Teaching Professor, Specialist in Large Animal Internal Medicine



EXTENSION FACULTY



Craia Pavne DVM, MS Associate Extension Professor (Beef)



Scott Poock DVM, DABVP Associate Extension Professor (Dairy)

FOOD ANIMAL MEDICINE AND SURGERY RESIDENT



Miranda Vega Large Animal Internal

FOOD ANIMAL MEDICINE AND SURGERY INTERNS







VETERINARY TECHNICIAN

VETERINARY ASSISTANT **Not Pictured Destiny Johnson**





The Theriogenology Service provides routine and advanced breeding services for all domestic animals.

- * Synchronization
- * Artificial insemination
- * Pregnancy diagnosis
- * Breeding soundness examinations
- * Embryo flush, transfer and freezing
- * Semen collection, freezing and shipment
- * Diagnostic services for reproductive disease or infertility
- * Emergency service for animals in dystocia

THERIOGENOLOGY FACULTY



Julia Baldriahi* DVM, PhD, DACT Associate Teachina Professor



Fabio Pinaffi DVM, PhD, DACT Assistant Teachina Professor

THERIOGENOLOGY RESIDENT







EXTENSION SERVICES

The Extension faculty serves the State of Missouri by providing veterinarians and producers with up-to-date information on the practice of veterinary medicine as it relates to production agriculture.

EXTENSION FACULTY



Corinne Bromfield DVM Associate Extension Professor (Swine)



Scott Poock Associate Extension Professor (Dairy)

Craig Payne DVM. MS Associate Extension Professor (Beef)





Malori Stewart





Jaerie Booher

RVT

From kittens to the largest draft horses, patients at the Veterinary Health Center benefit from the services

of the Anesthesiology Section. The sophisticated patient services provided by the other areas of the hospital require state-of-the-art anesthesia oversight for the highest quality in patient care.

- * We anesthetize specialized cases as well as routine procedures performed as part of our local practice.
- * We provide pain management and critical care for hospitalized

The anesthesiology faculty welcomes both companion and large animal consultations as well as related questions from private veterinarians. The anesthesiology faculty can be reached at 573-882-7821.

ANESTHESIOLOGY FACULTY



Jessica Taylor

VETERINARY TECHNICIANS

Bukoski* PhD. DVM. DACVAA Associate Professor







Morgan Murphy

DVM, DACVAA

ANESTHESIOLOGY SPECIALITY INTERNS







Hannah Hipkiss Alexandra Unis

Elizabeth Gordon

Senior RVT

Not Pictured Amber Pigott RVT

Service provides a broad range of performancerelated and rehabilitative services to small animal patients. Using leading-edge technology to evaluate, diagnose and treat a variety of conditions, we aim to improve quality of life, mobility, and performance of our patients through evidence-based practice.

The Small Animal Sports Medicine and Rehabilitation

The service utilizes the most advanced techniques available including extensive imaging diagnostics; therapeutic modalities, such as underwater and dry land treadmills; therapeutic ultrasound and photobiomodulation (laser); dry needle acupuncture and manual therapy; extracorporeal shock wave therapy; joint and soft tissue injection therapies; mobility aids; and therapeutic exercises. Using a multi-team approach with a variety of VHC services, our Sports Medicine and Rehabilitation specialist provides services that include:

- * Lameness evaluation, diagnostics and non-surgical rehabilitation
- * Pre- and post-procedure rehabilitation for a variety of orthopedic and neurologic conditions
- * Limb difference (congenital or acquired) rehabilitation
- * Arthritis and chronic pain management
- * Weight management and mobility support devices
- * Quality of life enhancement for pets affected by chronic disease
- * Therapeutic exercise programs
- * Athletic/working/service dog performance evaluation and conditioning programs

SMALL ANIMAL SPORTS MEDICINE AND REHABILITATION FACULTY



DVM, MS, DABVP, DACVIM, DACVSMR Small Animal Sports Rehabilitation



Weber DVM, CCRP, CVSMT Clinical Professor, Small **Animal Sports Medicine**

NEUROLOGY AND NEUROSURGERY RESIDENTS







DVM

The Neurology and Neurosurgery Service is led by

faculty members who are specialists in veterinary

neurology by the American College of Veterinary

tests and medical and surgical treatments.

of the muscles and peripheral nerves

* DNA testing for genetic diseases

NEUROLOGY AND NEUROSURGERY FACULTY

DVM, MS, DACVIM

Joan Coates*

Internal Medicine or European College of Veterinary

Neurology. The service offers the latest in diagnostic

* Advanced imaging, such as MRI or CT, to view the brain or spinal

* Electrodiagnostic testing to identify seizure disorders and diseases

* CSF analysis to detect infections of the nervous system

include decompressive and stabilization procedures

* Surgical procedures involving the spine, brain and nerves to

Kara Maiors

DVM, MS, PhD, DACVIM

Adiunct Professor Emeritus

VETERINARY ASSISTANT



DVM

VETERINARY ASSISTANTS

VETERINARY TECHNICIAN



*head of section

Senior RVT





The Radiology Section provides comprehensive services to the Veterinary Health Center in all types of imaging.

- * Radiography
- * Fluoroscopy
- * Ultrasound
- * Computed tomography for large and small animals
- * Magnetic resonance imaging for horses and small animals
- * Nuclear scintigraphy
- * Positron emission tomography
- * Interventional radiology procedures

The Radiology Department is one of the most advanced and comprehensive veterinary imaging centers in the country. It offers a full range of diagnostic services, including Computed Tomography (CT), MRI, PET/CT, high-resolution fluoroscopy, digital radiography, ultrasound and nuclear medicine, for all species treated at the health center. A recent addition of a standing CT unit for large animals has significantly enhanced our diagnostic capabilities for these species. Annually, the department performs and reports on over 16,000 exams, with approximately 5,000 of these involving ultrasound, MRI, and CT imaging. Equipped with state-of-the-art ultrasound, MRI, and CT scanners, the department provides the latest imaging technology available. The PET/CT scanner, one of only a few clinical scanners in veterinary medicine, is a unique resource for investigating particularly complex cases. The radiology team also supports all specialty services within the health center and contributes to a wide range of research projects, advancing both clinical care and fundamental scientific knowledge.

RADIOLOGY FACULTY



DVM, DACVR **Associate Teaching Professor**

Gabriela Baers



DVM, MS, DACVR, DACVR-RO Associate Professor



DVM, DACVR **Assistant Teaching Professor**

James Karnia



Jodi Matheson Associate Teaching Professor

RADIOLOGY RESIDENTS



DVM, DACVR







Kiran Vasudeva

RADIOLOGY SPECIALTY INTERNS



RADIOLOGIC TECHNOLOGISTS



Radiology Supervisor,

Nuclear Medicine

Joni Lunceford

NMTCB (CT), PET

Nuclear Medicine





R.T. (R) (ARRT)





BS, R.T. (R), Ultrasonoarapher



BS, R.T. (R) (ARRT)

R.T. (R) (ARRT)

The Cardiology Service of the University of Missouri Veterinary Health Center offers evaluation of heart disease, specializing in the diagnosis and treatment of congenital and acquired heart disease in companion animal, food animal and equine species.

- * Complete echocardiographic, radiographic and electrocardiographic evaluations
- * Breed certification examinations
- * 24-hour ambulatory electrocardiography (Holter monitoring), event monitors and implantable loop recorders
- * Blood pressure monitoring
- * Pericardiocentesis
- * Cardiac catheterization procedures, including diagnostic angiography, intravascular occlusion of patent ductus arteriosus and other vascular shunts, balloon valvuloplasty for pulmonic and subaortic stenosis, membranoplasty, myocardial biopsies and heartworm retrieval
- * Transvenous pacemaker implantation
- * Cardiac-gated computed tomography
- * Cutting-edge medical therapies

CARDIOLOGY FACULTY



DVM. DACVIM Assistant Teaching Professor



Anna McManamey Assistant Teaching Professor

CARDIOLOGY RESIDENTS







Not Pictured

Erin Murphy

VETERINARY TECHNICIAN VETERINARY ASSISTANT



Kelsey Brown RVT Multi-section Staff Supervisor, Lead RVT

medical and surgical services are provided for companion animal, food animal and equine species. * Treatment for eye disorders of domestic and non-domestic species

Complete veterinary ophthalmology diagnostic,

- including ocular trauma, dry eye, glaucoma, inflammation of the eye (uveitis), cataracts, tumors, eyelid abnormalities and retinal
- * Breed certification eye examinations of purebred dogs and horses via annual diagnostic screenings for inherited or congenital eye
- * Special research foci at the MU College of Veterinary Medicine include corneal wound healing, therapies for corneal fibrosis, novel treatments for eyelid tumors in horses, and heritable retinal diseases in cats.

OPHTHALMOLOGY FACULTY



Elizabeth Giuliano DVM, MS, DACVO



Juri Ota-Kuroki DVM, MS, DACVO Adjunct Professor



MS, PhD, FARVO Professor Ophthalmology and Molecular Medicine, Ruth M. Kraeuchi Missouri Endowed Chair Professor of Ophthalmology, Director Ophthalmology One-Health Research Program, Director Resident Research Mason Eye Institute

OPHTHAI MOLOGY RESIDENTS







*head of section

SMALL ANIMAL **DENTISTRY** The Dentistry Service of the University of Missouri

The Community Practice Section at the MU Veterinary Health Center serves many functions for its patients and clients. As generalists (similar to family practice MDs) our veterinarians see dogs and cats for medical and surgical problems, as well as for maintenance of wellness, prevention of disease, and maximizing quality of life for our patients and their owners. We have special interests in nutrition, skin and ear infections, parasite prevention and treatment, and behavior problems.

COMMUNITY PRACTICE FACULTY



Carrie Duran DVM, PharmD



Alisa Hutchison* **Assistant Teaching**



Clinical Instructor



Eva Ulery DVM, DABVP (Canine and Feline Practice) Assistant Teaching Professor

VETERINARY TECHNICIANS

Mary McFillen RVT

VETERINARY ASSISTANT

Not Pictured Desirae Martin

Veterinary Health Center offers evaluation of oral disease, specializing in the diagnosis and treatment of developmental and acquired dental disease in companion animals. With the assistance of our anesthesiology team, each patient receives a comprehensive oral health assessment and treatment (COHAT). A COHAT includes visual, radiograph and probing assessment of the teeth, evaluation of the facial bones, TMJ, gingiva, mucosa, tongue, salivary glands, lymph nodes and palate.

We offer a complete range of veterinary dentistry services.

- * Complete oral and dental evaluations
- * Dental radiography and head CT scans
- * Routine and complicated surgical extractions
- * Endodontics, including root canal therapy, vital pulp therapy
- * Prosthodontics, custom fitting for crowns
- * Advanced periodontal procedures
- * Orthodontics
- * Oral fracture repair
- * Tumor removal

Appointments are necessary for dentistry consultations and procedures. A dentistry consultation is an awake examination of the dog or cat where the pet and owners meet with the veterinarian. At the time of the initial consult examination, the oral health assessment, treatment plan and cost estimate are discussed with the owner.

DENTISTRY FACULTY



Meagan Brophy Rau* **Assistant Teaching** Professor



DVM, DABVP (Canine and Feline Practice) Assistant Teaching Professor

DENTISTRY RESIDENT



VETERINARY TECHNICIANS



RVT, VTS (Dentistry)

Lead RVT

Omall

The Oncology Service provides advanced, compassionate cancer care for animals. We are an integrated oncology service offering surgery, chemotherapy, radiation therapy and immunotherapy for animals with cancer. Clinicians and house officers strive to advance evidence-based cancer medicine among all species with an emphasis in comparative medicine research. Clinical trials may be available to help subsidize the costs of some cancer treatments. https://vhc.missouri.edu/small-animal-hospital/ oncology/clinical-trials/

- * Consult service for veterinarians that handles approximately 1,500 consult calls annually
- * One of the nation's only comprehensive oncology services where patients see medical, radiation, and surgical oncology simultaneously
- * Published academic literature by VHC oncologists is available through PubMed and a great resource for finding the latest treatment and diagnostic information for your patients
- * Individualized treatment plans to meet the needs of both the client and the
- * Access to cutting-edge imaging and therapy options through clinical trials
- * Positron emission tomography imaging for detecting and staging tumors
- * The latest CT and MRI scanners for accurate treatment planning
- * Radiopharmaceuticals for diagnosis and treatment of various cancer types — only a few veterinary hospitals worldwide offer the variety of agents available at VHC
- * State-of-the-art linear accelerator for highly focused, effective radiation treatment for mast cell tumors, soft-tissue sarcomas, brain and other
- * Client support service available to assist clients with the emotional side of their pet's disease and helping them manage the challenges of caring for a cancer patient
- * Knowledgeable, compassionate and skilled oncology technicians and assistants

DVM. DACVIM

Professor

Assistant Teaching DACVIM

DVM. MS.

Professor

ONCOLOGY FACULTY



Jeffrey Bryan* DVM, MS, PhD, DACVIM Professor. Director Scott Endowed Program in Veterinary



Assistant Teaching





Owen Skinner BVSc, DECVS, DACVS-SA, DVM, DACVIM MRCVS, ACVS Fellow, **Assistant Teaching Professor** Surgical Oncology Assistant Professor

RADIATION ONCOLOGY FACULTY



Jimmy Lattimer Charles Maitz* DVM, MS, DACVR, DVM, PhD, DACVR-RO Associate Professor Assistant Professor



Allison Barbour

DVM Tran Hoana DVM

ONCOLOGY RESIDENTS

ONCOLOGY RESIDENTS









RADIATION ONCOLOGY RESIDENTS



Anastasia Glahn

VTS (Oncology),

BS. MBA **RVT Supervisor**

VETERINARY TECHNICIANS





Rachel Graves







Katelyn Cotnoir Rachel Hritz DVM



Surgical Oncology Oncology





Prenger Medical Oncoloay

NUCLEAR MEDICINE TECHNOLOGIST

Michele Zelaya

Medical Oncology

Senior RVT



Joni Lunceford

NMTCB (CT), PET

Radiation Oncology

Taya Marquardt Megan Mickelson DVM. DACVS-SA. ACVS Fellow. Associate Teaching Surgical Oncology





Plaggenburg



The Small Animal Emergency and Critical Care (SAECC) Service at Mizzou's Veterinary Health Center provides emergency care for small animals. Our team prioritizes pets in critical condition - ensuring those with the most urgent needs receive immediate attention

To help us prepare for your arrival and provide the best possible care, we encourage you to call ahead.

Upon arrival, patients are triaged to determine the severity of their condition. Critically ill or severely injured animals are treated first. When our caseload is high due to complexity or volume of cases, we operate at specific triage levels. If a pet falls into a category lower than the current level of operation, we might need to refer them to their primary veterinarian or another facility for care.

During an emergency visit, pets are thoroughly evaluated by our on-duty emergency veterinarian. We provide clear explanations of examination findings, recommended diagnostic tests and treatment plans, along with a detailed cost estimate for emergency stabilization. Diagnostic tools, including lab tests and radiographs, are available around the clock, as are services for intensive care and 24-hour monitoring.

Emergency diagnostic, surgical and treatment decisions are made on a case-by-case basis in consultation with appropriate specialty services. For each patient seen, a summary of care and treatment is sent to their primary veterinarian the next business day.

Emergency visits do not guarantee direct access to our specialty services, but if further specialized care is needed, our emergency doctors will coordinate as appropriate.

Additional details about the SAECC Service can be found on the VHC website.

https://vhc.missouri.edu/small-animal-hospital/emergency-andcritical-care/meet-the-team/

SMALL ANIMAL EMERGENCY AND CRITICAL CARE FACULTY



Clinical Instructor





DVM

Dana Jarigese

DVM, MS, DACVS, DACVECC Professor and Director of SAECC Services, Assistant Dean for Clinical Education



Relinda Tedder



SMALL ANIMAL MEDICINE AND SURGERY ROTATING INTERNS









Fabiola Acevedo Christina Anaya Kiley Brauer Eva Epstein DVM DVM DVM









VETERINARY TECHNICIANS



Torres

Rodriguez

SAECC Staff

Supervisor, Senio

BS. RVT



Shift Supervisor

DVM



RVT

MVZ

Alvson Zawisza BS. RVT Shift Supervisor Shift Supervisor



Senior RVT



RVT



Kendra Cullison Madeline Liverar Monica Mayoral Leah Sabath











Morgan Croarkin Logan Johnson

Taylor Watts

VETERINARY ASSISTANTS



Taylor Tynes



Amy Molitoris

*head of section

DVM. DACVECC DVM



Clinical Instructor

DVM Clinical Instructor Clinical Instructor

Bryan Shedd

DVM

Clinical Instructor Clinical Instructor Clinical Instructor

PHONE: 573-882-7821 | Web site: www.vhc.missouri.edu | E-mail: vhcrefdvm@missouri.edu

SMALL ANIMAL INTERNAL MEDIC

The Small Animal Internal Medicine Service provides secondary and tertiary care to animals with complex disease processes. We work with your practice to form a health care team for the management of long-term medical problems. We use specialized modalities, including rhinoscopy, bronchoscopy, gastrointestinal endoscopy, videoflouroscopic swallowing studies, and cystoscopy, to facilitate disease diagnosis and treatment. The addition of new faculty and resident positions have enabled the Internal Medicine Service to expand and accommodate more cases. Examples of diseases internists evaluate and treat include:

- * Respiratory disease such as chronic cough, tracheal collapse or nasal discharge
- * Gastrointestinal disease such as megaesophagus, chronic diarrhea or vomiting
- * Liver disease, such as hepatic lipidosis or cirrhosis
- * Urinary disease, such as urinary stones, chronic urinary infection or kidney failure
- * Endocrine disease, such as Cushing's disease or diabetes mellitus
- * Hematologic disease, such as hemolytic anemia or thrombocytopenia
- * Infectious diseases, such as histoplasmosis, cytauxzoonosis and antibiotic-resistant bacterial infections
- * The SAIM Service has subspecialty clinics including the BREATHE Clinic for respiratory and aerodigestive disorders and a nephrology/ urology clinic.

MINIMALLY INVASIVE INTERVENTIONAL PROCEDURES

We are pleased to offer minimally invasive procedures to treat blockages, shunts, ectopic ureters, some tumors and tracheal collapse. The Small Animal Internal Medicine Service, Cardiology, Radiology, and Soft Tissue Surgery services provide the following procedures:

Respiratory procedures:

- * Nasopharyngeal ballooning and stent placement
- * Tracheal stenting
- * Bronchial stenting
- * Pleuroport placement for recurrent pleural effusion

Gastrointestinal procedures:

- * Feeding tube placement
- * Esophageal and colonic ballooning for stricture

Urinary procedures:

- * Cystoscopy guided laser ablation of ectopic ureters
- * Urethral stenting
- * Urethral ballooning
- * Ureteral stenting

*head of section

- * Subcutaneous ureteral bypass (SUB) placement
- * Laser lithotripsy and basket retrieval of bladder and urethral stones
- * Urethral collagen injections
- * Artificial urethral sphincter placement

SMALL ANIMAL INTERNAL MEDICINE FACULTY



Ashley Anderson DVM, Residency Trained in SAIM **Professor Small Animal**



Assistant Teachina

Professor

DVM, MS, DACVIM DVM, PhD,





DVM, MS, DACVIM DVM, DACVIM Assistant Teaching Assistant Teaching Professor Professor





DACVIM

Professor

DVM, PhD, DACVIM DVM, PhD, DACVIM

SMALL ANIMAL INTERNAL MEDICINE RESIDENTS



Laura Nafe

Professor

DVM. MS. DACVIM

Assistant Teachina







Rachel McNair Briana Lippert



Heather Reid

DVM

DVM

VETERINARY **TECHNICIAN**





VETERINARY ASSISTANTS



SAIM Staff Supervisor,

Torres-Jeffer

The Small Animal Surgery Service comprises four divisions: orthopedics, soft tissue surgery, surgical oncology and the Motion Analysis Laboratory. We look forward to expanding our team with the addition of two more surgeons in the fall of 2024.

SMALL ANIMAL SURGERY

ORTHOPEDIC SURGERY

A full array of elective and emergency orthopedic procedures are offered, including total hip replacement, arthroscopy, tibial plateau leveling osteotomy, complex patellar luxation correction, limb alignment and deformity correction, fracture repair, minimally invasive techniques, and the management of a wide variety of sports-related injuries. Diagnostic capabilities include radiography, MR, CT, ultrasound, kinetic/kinematic gait analysis and 3D printing.

SOFT TISSUE SURGERY

We offer emergency surgical care 365 days per year and provide advanced surgical procedures including abdominal, thoracic, reconstructive, head and neck, upper and lower airway, rectal and perianal, and wound management. Progressive, state-of-the-art surgical options are also available. These include laparoscopy and video-assisted thoracic surgery, minimally invasive urinary stone removal, cystoscopic-guided urinary tract interventions, and CO2 laser surgery.

SURGICAL ONCOLOGY

Surgical oncology functions as part of an integrated oncology service with medical oncology and radiation oncology. Daily collaborative rounds ensure that patients and their owners are provided with the treatment options that best fit them. We are able to offer surgery for a wide range of tumors, including oral cancers, thyroid carcinoma, thymoma, pulmonary carcinoma. hepatic tumors, adrenal tumors, solid intestinal tumors, selected urogenital tumors, osteosarcoma, skin and subcutaneous cancers and anal sac adenocarcinoma.

MOTION ANALYSIS LAB

This facility is designed to aid veterinarians with the evaluation, identification and treatment of patients with musculoskeletal and neurologic conditions. It is equipped with advanced equipment for the study of motion — including systems to evaluate weight bearing along with multiple camera systems to study motion. We provide advanced testing with cuttingedge gait analysis for companion animals with lameness and pain associated with osteoarthritis and joint disease, soft-tissue injuries, and for the monitoring of pain management and rehabilitation strategies.

SMALL ANIMAL SURGERY FACULTY







Derek Fox Josie Dornbusch DVM, MS, DACVS-SA DVM, PhD, DACVS DVM, DACVS, DACVECC DVM, DACVS-SA Assistant Teaching Professor
Professor Small Animal Surgery Professor Orthopedic

Not Pictured

McCarthy, BVSc

Jessica

Professor



Soft Tissue Surgery



Professor

Lauren Reeves Owen Skinner DVM, DACVS-SA BVSc, DECVS, Assistant Teaching DACVS-SA,

Professor Soft MRCVS, Tissue Surgery Assistant Professor Surgical Oncology

SMALL ANIMAL SURGERY RESIDENTS









Brooke Lee

SMALL ANIMAL SURGERY SPECIALTY INTERNS

Max Latifi



Katelyn Cotnoir Kimery Hankins DVM Soft Tissue Surgery and Surgical Oncology Research

VETERINARY TECHNICIANS



Alvssa Doner

RVT Supervisor

VETERINARY ASSISTANT



Senior RVT



Surgical Oncology

Rachel Jeffries

Lancaster RVT Senior RVT

Megan Smith

*head of section

VETERINARY HEALTH CENTER | 900 EAST CAMPUS DRIVE | CLYDESDALE HALL | COLUMBIA, MO 65211 PHONE: 573-882-7821 | Web site: www.vhc.missouri.edu | E-mail: vhcrefdvm@missouri.edu



Our services to assist with patient care include:

- * Recommendations on therapeutic diet selection, implementation and
- * Custom diet formulation when an appropriate commercial therapeutic diet is not available, accepted or tolerated
- * Assisted feeding recommendations, including parenteral nutrition and indwelling tube feeding

Initiation of consultation is requested by written referral from an MU VHC veterinarian for a cat or dog that has been medically evaluated or treated at the MU VHC in the past six months. A nonrefundable deposit is charged for any consultation, which covers full medical and nutrition history evaluation (back to birth when possible) and a 30-minute Zoom meeting or phone call with Nutrition to discuss recommendations. Additional charges may apply but will not be pursued until after the Zoom meeting/phone call when Nutrition and the owner have agreed on next steps

Pertinent medical records from all primary care veterinarians should be submitted with consultation request forms. At this time, the Nutrition Service is unable to accommodate external consultations. Any owners or veterinarians who desire a consultation must have had the cat or dog medically evaluated or treated by MU VHC within the past six months.

NUTRITION FACULTY



MS, DVM, PhD, DACVN



Elena Leavitt Small Animal Clinical Nutrition Instructor Director Nestle-Puring Program in Small



VM2 Vet Studen

RESEARCH CENTER FOR HUMAN-ANIMAL INTERACTION (RECHAI)

Founded in 2005, ReCHAI's mission is to study and promote the health benefits of human-animal interaction (HAI) for people and companion animals. **RECHAI FACULTY**



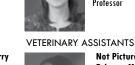








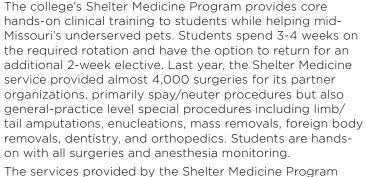












SHELTER MEDICINE

have a significant positive impact on area shelter and rescue partners to maximize the health and adoptability of animals in their care. Through a comprehensive community partnership, faculty and students provide all of the surgical procedures and medical care for the Central Missouri Humane Society (CMHS), including intake exams, forensics, and infectious disease prevention and management. Although currently housed in a retrofitted rental storage space, the Shelter Medicine program hopes to locate near CMHS in their future new facility to continue the partnership and enhance student learning opportunities.

- Services include:
- * Anesthesia * Surgery
- * Physical examination

SHELTER MEDICINE FACULTY



Katie Darr

Clinical Instructor

DVM, **DABVP** (Shelter

Medicine Practice) Assistant Teaching



Amie Burling* DVM, MPH, DABVP (Shelter Medicine Practice) . Associate Teaching Professor

* Behavior management

Kevin Shull Clinical Instructor

* Infectious disease/outbreak management



DVM, DÁBVP (Canine and Feline Assistant Teachina

MEDICAL ONCOLOGY, RADIATION ONCOLOGY AND IMAGING

The VHC at Wentzville offers state-of-the-art oncology services conveniently located for St. Louis metro area pet owners.

We provide advanced, compassionate and individualized cancer care for animals. We help diagnose and stage cancers, discuss prognosis and treatment options, and guide clients as they make important decisions regarding their pet's health care. We also offer phone consultations to referring

Radiation therapy can be utilized to shrink tumors and prevent their recurrence, thus improving the quality of life for our patients and their families.

If indicated, we routinely refer patients to Columbia for surgical oncology, stereotactic radiation therapy and clinical trial consultations.

Diagnostics and treatments include:

- * Computed tomography (CT)
- * Diagnostic x-ray
- * Limited radiation therapy, subject to change
- * Chemotherapy
- * Clinical trials

VHC AT WENTZVILLE VETERINARIANS











OFFICE STAFF



Ashley Anderson DVM, Residency Trained in SAIM Assistant Clinical Professor Small Animal Internal

DVM. DACVIM -Oncology Assistant Teaching

VETERINARY TECHNICIANS



Lend RVT

Clarissa

Frederking

Lead RVT



BS, RVT

Lead BAL



Senior RVT



Abby Russell RVT

INTERNAL MEDICINE

Internal Medicine is now at the Veterinary Health Center in Wentzville! Dr. Ashley Anderson is a Diplomate of the American College of Veterinary Internal Medicine who is now providing internal medicine service to metro St. Louis. She is able to perform advanced diagnostics and has access to other University specialty services for consultation. The Wentzville location offers many of the benefits of the University hospital but is closer to our patients in the St. Louis area.

LOCATION

1092 Wentzville Parkway, Wentzville, MO 63385 636-332-5041 vhc.missouri.edu/wentzville email: vhcw@missouri.edu

INFORMATION FOR REFERRING VETERINARIANS

Please note: Toll-free numbers are for referring veterinarians only — they are not intended to be given to your clients.

Equine Hospital	866-234-3681
Food Animal Hospital	866-844-3267
Small Animal Hospital	866-895-7267

CLIENT NUMBERS

Equine Hospital	573-882-3513
Food Animal Hospital	573-882-6857
Small Animal Hospital	573-882-7821
Theriogenology	573-882-1594
VHC at Wentzville	636-332-5041
Continuing Education	573-882-7848
Medical Records Fax	573-884-7563
RDVM Coordinator	573-884-9383







Kaleigh Feldkamp Veterinary Social Worker cvmgriefsupport@missouri.edu



Calls from referring veterinarians and identified as an emergency will be accepted at any time. However, during the times listed below, clinical services may not be available for consult calls from veterinarians.

SERVICE	MON-FRI MON-THU FRIDAY			
SMALL ANIMAL INTERNAL MEDICINE	3-4 pm	8-9 am	8-10 am	
COMMUNITY PRACTICE, DERMATOLOGY	TUES and THURS 3-4 pm			
ORTHOPEDIC SURGERY	8-8:30 am 4-5 pm			
SOFT TISSUE SURGERY	4-5 pm			
SMALL ANIMAL EMERGENCY AND CRITICAL CARE	Always available for emergency calls and cases			
DENTISTRY, NEUROLOGY	8-9 am 4-5 pm			
ONCOLOGY	MON 8-10 am			
	TUES 8-9 am			
	WED 8-9 am			
	THUR 8-8:30 am			
	FRI 8-10 am MON-FRI 3-4 pm			
OPHTHALMOLOGY	8-9 am	1-2 pm	7111	
		1-2 piii		
CARDIOLOGY	8-10 am			
RADIOLOGY	8-10 am		1-2 pm	
FOOD ANIMAL MEDICINE AND SURGERY	8-9 am			
EQUINE MEDICINE	8-10:30 am			
EQUINE SURGERY	8:30-9:30			
	am			

Website

Please suggest that your clients look at our website, vhc.missouri.edu, prior to their visit to learn much more about our hospital.

FREQUENTLY ASKED QUESTIONS

WHO WILL TREAT MY CLIENT'S ANIMAL?

This is a teaching hospital where students in their final two years of veterinary education learn from our care of patients. They participate in patient care, but in no instance determine patient care. Clinical faculty supervise all student involvement with our patients. If an animal's illness requires hospitalization, a student knowledgeable about the animal will call the owner daily to update the owner on the animal's condition.

WHAT CAN OWNERS EXPECT DURING THEIR APPOINTMENT? No referral is necessary to schedule an appointment, but we encourage you to complete the VHC Referral Form found at vhc.missouri.edu under Referrals and send with your patient's medical record to vhcrefdvm@missouri.edu. We try our best to stay on schedule. Please ask clients to notify us as soon as possible if they are unable to keep an appointment. Completion of new patient forms may take a little extra time, so arriving a few minutes early for the first appointment is advisable. We will start a permanent record for each animal on their first visit. We ask the owner to complete a health history questionnaire on their animal and a registration form. During the first visit, we will perform a complete examination. Following that, we will discuss with the client any treatment needed for current illnesses. We hope to make your client's visit a pleasant experience. If your client would like to direct comments or concerns to us. they may call 573-882-7821 or complete a Customer Satisfaction Survey on our website at http://www.vhc.missouri.edu.

WHAT CAN I TELL MY CLIENT ABOUT THE VHC FEES?

The VHC offers CareCredit financing. Owners can conveniently apply online through CareCredit or call our hospital for information on how to apply at 573-882-7821 in advance of their appointment. Charges for office visits

are determined by the time spent, materials needed, and the severity and complexity of the problem. If an animal is hospitalized, we will provide a written estimate and keep the client apprised of costs by daily phone calls. Cases with estimates more than \$300 require a deposit of one half of the high end of the estimate prior to treatment. The remaining charges are due in full at discharge.

WHO NEEDS A REFERRAL APPOINTMENT?

An appointment is needed for all referral medicine and surgery cases. Emergency cases do not require an appointment, but information pertaining to the case from the referring veterinarian is helpful. It is not necessary to discuss the case with a clinician before a referral appointment; however, the care of the animal is enhanced when you send a letter or email summarizing previous tests and treatments (see Patient Referral Form at vhc.missouri. edu under Referrals). Referral cases are seen by either the faculty member on the service or by a senior house officer under the guidance of a senior faculty member.

HOW CAN I ACCESS MY REFERRED PATIENTS' INFORMATION?

Many of your patients' records are available on the RDVM portal (not to be confused with the VMDL portal). You can sign up for the portal on our website at vhc.missouri.edu under referrals.

HOW CAN CLIENTS ACCESS THEIR ANIMAL'S INFORMATION?

Clients may register for the Client Portal at: https://vetview.cvm.missouri.edu/vhcportal/. The portal allows them to view portions of their animal's medical record, including discharge instructions, upcoming appointments, vaccination history, lab work, radiology reports and invoices.

WEBSITE

Please suggest that your clients look at our website (vhc.missouri.edu) prior to their visit.

STAFF

Small Animal Hospital: Brett Bevill, Supervisor, After Hours SA Staff Claire Bryan, Supervisor, SA Liaisons Colondra Malveaux, Supervisor, SA Cashiers/Reception Dee Dee Smith, Supervisor, SA Liaisons Timothy Alder, SA Caretaker Serena Copeland, SA Caretaker Madison Dzurick, SA Liaison Deb Evans, SA Medical Records Susan Garton, SA Liaison Ashley Hatton, SA Cashier Tiffany Jones-Crowe, SA Liaison Frances Landis, SA Liaison Kelly Major, SA Receptionist Shannie Shelby, SA Liaison Jennifer Terrock, SA Liaison Amanda Willis, SA Medical Records

Large Animal Hospital:
Laura Graeler, Supervisor, LA Office
Izak Barnes, Equine Caretaker
Nancy Brown, Equine Liaison
Danielle Burkholder, FA Liaison
Bailey Crouch, Therio Liaison
Laura Gibson, Equine Caretaker
Matthew Humphreys, LA Medical Records
Taylor Korpus, Equine Caretaker
Bobby Rankin, Lead Animal Caretaker

Pharmacy:
Jamie Prashek, PharmD
Carrie Duran, DVM, PharmD
Kayla Dorpinghaus, CPhT
Sean Kennelly, CPhT
Stephanie Runyan, CPhT

Central Supply and Sterile Processing:
Joni Bohn, Manager, Central Supply and Sterile Processing
Janet Anich, Instrument Technician
Cheryl England, Office Support Assistant III, Central Supply
Jackie England, Stores Clerk II
Spencer Haight, Instrument Technician
Bryan McGinty, Instrument Technician

Administration:

Jason Brandow, Supervisor of Facilities
Teresa Deskin, Manager of Clinical Services
Lori Freie, Senior Business Support Analyst
Hannah Gough, Program Support Coordinator
Cathy Harmon, Senior Business Support Specialist
Sue Leutschaft, Executive Assistant
Lesley Linss, Executive Assistant
Katie McBride, Human Resources Specialist II
Kim Morrison, Human Resources Specialist III
Janice Seagraves, Advancement Officer



THE UNIVERSITY OF MISSOURI

VETERINARY HEALTH CENTER

We are proud to serve the State of Missouri by providing state-of-the art clinical services for patients, clients and veterinarians.

Columbia, Missouri

Full-service veterinary referral and emergency hospital with on-site nationally accredited diagnostic laboratory

Wentzville, Missouri (St. Louis Region)

Referral hospital providing medical and radiation oncology, imaging and internal medicine

VETERINARY HEALTH CENTER

900 East Campus Drive, Columbia, MO 65211 www.vhc.missouri.edu (573) 882-7821 vhcrefdvm@missouri.edu