

OREGON STATE UNIVERSITY • COLLEGE OF VETERINARY MEDICINE
Lois Bates Acheson Veterinary Teaching Hospital

Directory of Clinical Services for Referring Veterinarians



Oregon State University
Veterinary Teaching
Hospital

Lois Bates Acheson (1915–2004)

Oregon State University
College of Veterinary Medicine
Veterinary Teaching Hospital

Magruder Hall
700 SW 30th Street
Corvallis, OR 97331-4801

Small Animal Hospital
541-737-4812 (Phone)

Large Animal Hospital
541-737-2858 (Phone)

A 1937 Oregon State University alumna, Lois Bates Acheson was a long-time supporter of the College of Veterinary Medicine. Her gift of \$21 million created a substantial endowment for veterinary medicine and funded its first endowed position, the deanship. In honor of her gift, the college has renamed the teaching hospital in memory of Lois Bates Acheson.



During her lifetime, Lois Bates Acheson built a scholarship endowment for veterinary students, and in her will, she bequeathed an estimated value of \$21 million to ensure quality veterinary education and research for generations to come.

Lois Acheson passed away in 2004, leaving a legacy of business and philanthropic accomplishments. Her tremendous gift to OSU's College of Veterinary Medicine will benefit thousands of animals and people through the improved research, diagnostic abilities, and educational opportunities she made possible.

Acheson's gift reflects her compassion for animals and her life achievements. She was an avid horseback rider, owned numerous dogs and always had a treat at the ready for any dog that crossed her path. Acheson credited her OSU education with her success in business, so when she wanted to support veterinary care, she looked to her alma mater.

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Lois Bates Acheson Veterinary Teaching Hospital

Hospital Administration



Helio de Moraes, DVM, MS, PhD
Diplomate, ACVIM
(Internal Medicine & Cardiology)
Hospital Director
Professor



Keri Fisher
Administrative Assistant

Supervisors



Alisa Leeper, CVT
Patient Services Coordinator (Large Animal)
alisa.leeper@oregonstate.edu



David Meyer, CVT, CCRP
Patient Services Coordinator (Surgery)
david.meyer@oregonstate.edu

Director's Note

We are pleased to provide you with this OSU Veterinary Teaching Hospital Directory of Services. We hope this will be a valuable source of information regarding our services. Our team of specialists is here to serve you. We are fortunate to have an excellent group of faculty, residents, interns, certified veterinary technicians, students and staff dedicated to patient care, client services, veterinary education, and clinical research.

We would like to thank you for the support throughout the years. We value our partnership and are committed to being your partner in caring for the health of your patients.

We also want to hear from you – if you note anything that we can be doing differently to improve the experience for your clients, your patients, or yourself, please let us know!

Overview

Oregon State University College of Veterinary Medicine is home to a talented and dedicated group of experts who cover the field of veterinary medicine passionately and compassionately. We demand the very best from all who participate in the process of caring for your clients' animals; who challenge and support students working toward their doctor of veterinary medicine degree; and who engage in clinical research that will help us satisfy the unmet medical needs of our animal companions.

The OSU Veterinary Teaching Hospital values our partnership with referring veterinarians. We support the bond of trust between you and your clients and strive to strengthen that bond through high quality diagnostics and treatment.

The OSU Veterinary Teaching Hospital is comprised of the Small Animal Hospital, the Large Animal Hospital, and the Rural Veterinary Practice. In addition, the Veterinary Diagnostic Laboratory is next door to our hospitals allowing us to diagnose and begin treatment sooner.

A team of 26 board-certified veterinarians in specialties ranging from anesthesiology to sports animal medicine and 36 certified veterinary technicians collaborate with each other, referring veterinarians, and clients to heal patients, treating all with respect and understanding.

Our patient roster includes nearly 10,000 dogs, cats, and large animals annually. Every referral experience presents new opportunities for learning, developing improved treatment options, and advancing the veterinary profession.

Supervisors



Julie Posch, CVT, VTS (EEC)
Patient Services Coordinator (ICU)
julie.posch@oregonstate.edu



Robyn Panico, CVT, VTS (Cardiology)
Patient Services Coordinator (Medicine)
robyn.panico@oregonstate.edu



Mandy Seals
Client Services Coordinator
mandy.seals@oregonstate.edu



Kelly Warner
Process Improvement Manager
kelly.warner@oregonstate.edu

Veterinary Teaching Hospital

Referral Procedures

Contact Information & Office Hours

Small Animal Hospital Reception & Appointments

541-737-4812 (Phone)
541-737-4818 (Fax)

Office Hours

Monday - Friday
8:00am - 5:00pm

Large Animal Hospital Reception & Appointments

541-737-2858 (Phone)
541-737-8651 (Fax)

Office Hours

Monday - Friday
8:00am - 5:00pm

24-hour emergency service for large animals available 7 days a week: Call 541-737-2858, listen to instructions, and leave a message. A doctor will return your call within minutes.

Overview

Working as a team with practicing veterinarians, faculty and staff at the Veterinary Teaching Hospital have two complementary missions: As a referral center, we serve the public by providing expert medical and surgical care for companion animals and livestock. In addition, we are responsible for educating the next generation of veterinarians and veterinary specialists. Because of these dual missions, an appointment with the Veterinary Teaching Hospital takes longer than a typical veterinary visit.

The Veterinary Teaching Hospital does not receive state funds to subsidize the care of its patients, so fees at the hospital are similar to those at private referral practices. The cost of diagnostic testing, hospitalization, and treatment varies depending on the complexity of the case and the treatment required. A cost estimate is routinely provided to the owner during the initial office visit. A deposit equal to 50% of estimated expenses is required at the time of hospitalization, and the balance is due upon the patient's discharge.

What to Expect at the Large Animal Hospital

Clients register their animals at the reception desk then, after admission paperwork is completed, they unload their animals under the direction of a technician or a member of the patient care team.

Other team members include a board-certified faculty member who will directly oversee patient care, a resident in training for board certification, and a certified veterinary technician. A fourth-year veterinary student will conduct a complete medical history and physical examination.

After the examination is complete, the veterinary student will discuss findings with the attending veterinarian. Options for diagnostic evaluation and treatment will be discussed with the client. As a referral center, we are often presented with animals having complex disorders resulting in critical illness. Occasionally, diagnosis and subsequent treatment plans cannot be developed until diagnostic information is obtained. Patients are usually hospitalized and medically supported until diagnostic information is available.

What to Expect at the Small Animal Hospital

A visit to the Small Animal Hospital usually begins with a complete medical history and physical examination performed by a senior veterinary student. After the examination is complete, the veterinary student will discuss findings with the attending veterinarian. The student and veterinarian then reconvene with the client to perform a final physical examination and provide recommendations. The complex disorders and critically ill patients referred to the Veterinary Teaching Hospital often require advanced or repeated diagnostic tests to ascertain the underlying problem and provide the best opportunity for successful treatment of the pet's disease. Therefore, in general, appointments begin in the morning, diagnostic tests are performed in the late morning and early afternoon, and the results are discussed when patients are discharged in the afternoon.

Map

Magruder Hall is located on SW 30th St., between Western Boulevard and Washington Way, on the Oregon State University campus. The entrance to both large and small animal services is located at the north end of Magruder Hall.



Consultation Services

The Lois Bates Acheson Veterinary Teaching Hospital offers phone consultation services for you, our referring veterinarian. This service is provided to facilitate communication between you and our clinicians, and enables us to capture pertinent case information and provide informed consultation.

For Small Animal phone consults please call 541-737-4812, and for Large Animal phone consults please call 541-737-2858.

Client Advocate

Tammy Barr is the Client Relations Advocate in the Small Animal Hospital. She oversees a group of volunteers who greet and assist clients.

When you refer a client to OSU, you are welcome to notify Tammy and she (or one of the volunteers) will be sure to greet them, and help with any concerns or anxiety they may have.

You can contact Tammy at Tammy.Barr@oregonstate.edu, or 541-740-2184.

Veterinary Teaching Hospital

Interventional Radiology

For more information on interventional procedures, contact:

Dr. Helio deMoraes
541-737-4812

Dr. Jana Gordon
541-737-4812

Referring your patients to the OSU Veterinary Teaching Hospital for Interventional Medicine provides them with non-surgical alternatives to conventional therapies; in some cases, it may even provide them with treatment options for conditions that do not have standard remedies.

We use the most current imaging methods to gain access to different structures of a pet's body for diagnostic and therapeutic reasons. For example, OSU offers interventional medicine not commonly available elsewhere for the following urinary tract conditions:

Ureteral Stenting

Ureteral stenting is useful in patients with ureteral obstruction due to ureteral stones, ureteral or trigonal obstructive cancer, following ureteroscopy (endoscopy of the ureter), for post-operative ureteral anastomosis, ureteral tears, ureteral spasm, or ureteral inflammation. In addition, the presence of the ureteral stent may result in subsequent passive ureteral dilation to permit passage of previously obstructive stones, or allow passage of the flexible ureteroscope for appropriate ureteral intervention.

Cystoscopic-guided Laser Ablation of Ectopic Ureters

Ectopic ureters are a common congenital problem in dogs with the ureteral orifice being positioned behind the bladder within the ureter, vagina, vestibule or uterus resulting in urinary incontinence. Over 95% of dogs with ectopic ureters transverse intramurally and are candidates for this procedure. This procedure is performed on an out-patient basis at the time of cystoscopic ectopic ureter diagnosis with the use of fluoroscopy, cystoscopy and a diode or holmium:YAG laser, thus avoiding the need for more than one anesthetic procedure for fixation.

Laser Lithotripsy for Bladder and Urethral Stones

Laser lithotripsy is an innovative technique involving the intracorporeal fragmentation of bladder and urethral stones (and rarely ureteral or kidney stones), which is assessed using a rigid or flexible cystoscope or ureteroscope. The stone is fragmented until the pieces are small enough to be removed normograde through the urethral orifice, either via voiding urohydropropulsion or with the assistance of a stone basket. This process is useful for ureteral, cystic and urethral calculi.

Clinical Trials

For more information on oncology trials, contact:

Dr. Katie Curran
Dr. Shay Bracha
541-737-4812

For more information on cardiology trials, contact:

Dr. Katherine Scollan
Dr. Nicole LeBlanc
541-737-4812

For a complete list of clinical trials, visit
vetmed.oregonstate.edu/clinical-trials

The OSU Veterinary Teaching Hospital conducts clinical trials in conjunction with research on disease, diagnosis, and treatment of animals.

The hospital is a member of the Comparative Oncology Trials Consortium (COTC), a network of twenty academic oncology centers, centrally managed by the National Institute of Health, that design and conduct clinical trials in dogs with cancer in order to assess new therapies.

We rely on referring veterinarians to help us recruit participants in these important medical studies. In most cases, your clients will receive cutting-edge, top quality care at a reduced cost.

The following are just a few of the current, open clinical trials that are seeking participants.

Canine Chemotherapy Study

Tanovea-CA1™ is a novel chemotherapy agent which was developed to treat lymphoid cancer in dogs. We will be enrolling patients with lymphoma, lymphoid leukemia and multiple myeloma. Enrolled patients will be treated with Tanovea-CA1™ which is an injectable chemotherapy, administered once every 3 weeks. Research funding provides the chemotherapy medication at no cost to the client. Please contact Dr. Katie Curran or Dr. Shay Bracha (541-737-4812) for further details.

Subaortic Stenosis Study

Dogs with subaortic stenosis are at increased risk for sudden death, and the benefits of standard therapy with Atenolol are unclear. The OSU Cardiology service is performing a study comparing the short-term effects of Atenolol and Sotalol on ventricular function, heart rate, and arrhythmias. We are recruiting young dogs with left basilar systolic murmurs for evaluation. Research funding supports much of the expense (~\$650). Eligible dogs and owners are expected to pay exam fees (~\$15 per visit). Study participants will be evaluated at 0, 2, and 5 weeks. Questions? Please contact Dr. Katherine Scollan or Dr. Nicole LeBlanc: 541-737-4812.

All clinical trials in the OSU Veterinary Teaching Hospital undergo prior review and approval by IACUC.

Clinical Services

Large Animal Surgery

Faculty



Michael Huber, DVM, MS
Diplomate, ACVS
Professor



Troy Holder, DVM
Diplomate, ACVS
Assistant Professor



Jill Parker, VMD
Diplomate, ACVS
Associate Professor



Stacy Semevolos, DVM, MS
Diplomate, ACVS
Professor



Katja Zellmer,
Dr. med. vet., MS, PhD
Diplomate, ACVS
Associate Professor

Overview

The Large Animal Surgery Service offers state-of-the-art surgery including examination and evaluation by a board certified veterinary surgeon. We specialize in minimally invasive and advanced surgical techniques including arthroscopy, fluoroscopy, platelet rich plasma and stem cell injections. In addition, we offer evaluation of sporting horses for performance issues as well as management of injuries.

The Large Animal Surgery Service works in an integrative, multi-disciplinary approach with other hospital specialists, including board certified radiologists, anesthesiologists and experts in pain management. Our goal is to provide your client's animal with the latest advancements in the treatment of complex conditions.

Surgery Residents



Stephannie Grissom, DVM
Large Animal Surgery Resident



Laura Norland, DVM
Large Animal Surgery Resident

Advanced Techniques

Soft-tissue and orthopedic surgery

- Gastrointestinal
- Urogenital
- Respiratory
- Head & Sinus
- Musculoskeletal
- Fracture repair

Minimally invasive surgery

- Arthroscopy
- Tenoscopy
- Sinoscopy
- Laparoscopy
- Thoracoscopy
- Laser surgery
- Cryosurgery

Certified Veterinary Technicians



Garland Burdock, CVT



Shawn Davis, CVT



Jessica Okhuysen, CVT

Clinical Services

Large Animal Internal Medicine

Faculty



Christopher Cebra, VMD, MA, MS
Diplomate, ACVIM
Glen Pfefferkorn & Morris Wendorf
Endowed Professor of Camelid Medicine
Chair, Department of Clinical Sciences



Erica McKenzie, BSc, BVMS, PhD
Diplomate, ACVIM & ACVSMR
Professor



John Schlipf, DVM, MS
Diplomate, ACVIM
Assistant Professor

Overview

The Large Animal Internal Medicine Service provides scheduled and emergency care that encompasses the diagnosis and treatment of a wide range of acute and chronic health conditions including those affecting the urinary, metabolic, gastrointestinal, endocrine, hematologic, hepatic, and respiratory systems of horses, camelids, ruminants, and pigs. We combine state-of-the-art technology with the collective experience, expertise, and interests of our seasoned specialists. What makes us further unique is the support provided by specialist residents-in-training, senior veterinary students and certified veterinary technicians, ensuring a team effort to provide comprehensive, tailored and compassionate care for your animal or herd.

Services

- Sports medicine
- Neonatal care
- Neurological care
- Cardiology
- High speed treadmill dynamic airway evaluation
- Brain Stem Auditory Evoked Response testing

Residents



Jeremy Redmond, DVM, MS
Large Animal Medicine Resident



Mariya Patel, DVM
Large Animal Medicine Resident

Certified Veterinary Technician



Alison Israel, CVT



Sharon Wolf, CVT

After-Hours Large Animal Emergency Services

Faculty



Kirsty Husby, DVM, MS
Clinical Instructor

Contact Information

After-Hours Large Animal Hospital Emergency Services

24-hour emergency service available 7-days a week. Call 541-737-2858, listen to instructions, and leave a message. A doctor will return your call within minutes.

Overview

The After-Hours Large Animal Emergency Service provides care of patients with acute illness and injury and ongoing care for critically ill or injured animals twenty-four hours a day, seven days a week. Our team is comprised of experienced board-certified veterinary specialists, dedicated residents and interns, and skilled certified veterinary technicians. In addition, patient care is augmented by onsite access to a variety of clinicians representing many veterinary specialties, from anesthesiology to cardiology to diagnostic imaging.

The Large Animal Intensive Care Unit excels in managing patients recovering from major surgery, illness, or trauma as well as those patients requiring positive pressure ventilation or other specialized care.

This combination of excellent facilities, service-specific expertise, and access to leading minds in all specialties allows us to provide a level of critical care not available in any other veterinary hospital in the region.

Advanced Techniques

- Oxygen support
- Multimodal analgesia
- Component and whole blood transfusion
- Enteral and parenteral nutrition
- Intensive monitoring
- Vasopressor and positive inotropic support
- Custom composition intravenous fluids
- Mechanical ventilation

Rural Veterinary Practice

Faculty



Joe Klopfenstein, DVM
Diplomate, ABVP (Dairy)
Assistant Professor



Jacob Mecham, DVM, CVA
Assistant Professor



Jorge Vanegas, DVM, MPVM
Assistant Professor

Food Animal Practice

The OSU Rural Veterinary Practice provides students with hands-on experience through farm visits by our mobile veterinary clinic. Students can observe and assist with treatment for disease, mineral deficiencies, poisonings, and other disorders. Services offered include:

- Vaccinations
- Pregnancy exams
- Medical and surgical procedures
- Herd health
- Lameness
- Dentistry
- Herd consultation

Mobile Equine Veterinary Service

The OSU Mobile Equine Veterinary Service operates a fleet of fully-stocked veterinary treatment trucks. When your client's horse is treated by one of our mobile veterinarians, it is also supported by the largest team of board-certified veterinary specialists in Oregon including surgery, diagnostic imaging, reproduction and sports medicine. Mobile equine services include:

- Emergency care 24/7
- Preventative medicine
- Dentistry— Basic & Advanced
- Surgical procedures
- Radiography, Endoscopy and Ultrasound
- Lameness exams
- Prepurchase exams
- Reproductive services
- Nutritional consultation
- Acupuncture

Reproductive Medicine (Theriogenology)

Faculty



Charles Estill, VMD, PhD
Diplomate, ACT
Professor



William Whitler, DVM
Diplomate, ACT, ABVP
Assistant Professor

Resident



Eleas Wu, DVM
Theriogenology Resident

Overview

The Theriogenology Service offers reproductive services for both large and small animals. Our specialists also treat disorders of the reproductive organs of pets (vaginitis, prostatic disorders, and mammary disorders) and evaluate pediatric patients with congenital disorders.

Advanced Techniques

- Ovulation timing
- Breeding management
- Semen evaluation and handling
- Artificial insemination
- Pregnancy evaluation
- Obstetrics
- Pre-breeding and infertility evaluations

Certified Veterinary Technician



Betsy Snyder, CVT

Clinical Services

Cardiology

Faculty



Nicole LeBlanc, DVM
Diplomate, ACVIM (Cardiology)
Assistant Professor



Katherine Scollan, DVM
Diplomate, ACVIM (Cardiology)
Associate Professor

Residents



Julia Treseder, DVM
Cardiology Resident



Meghan Allen, DVM
Cardiology Resident

Overview

The Cardiology Service offers the most current diagnostics and treatments for cardiac disease in both small and large animals. Advanced diagnostic modalities including echocardiography, electrocardiography (ECG), angiography, Holter monitoring, and cardiac computed tomography (CT) are available to assess congenital and acquired cardiac disease. The board certified cardiologists and residents offer innovative therapy including medical management of heart failure, minimally invasive treatment of congenital heart defects, and surgical pacemaker implantation.

Diagnostics

- 2 and 3-dimensional transthoracic echocardiography
- Transesophageal echocardiography
- 24-hour ambulatory electrocardiography (Holter monitor)
- Cardiac catheterization and angiography
- Cardiac Computed Tomography (CT)
- Acute and chronic heart failure management
- Minimally invasive PDA closure
- Balloon valvuloplasty of pulmonic stenosis
- Pacemaker implantation
- Systemic and Pulmonary hypertension treatment
- Arrhythmia management: Medical therapy and Electrical Cardioversion
- Heartworm treatment

Certified Veterinary Technicians



Amy Berry, CVT



Robyn Panico, CVT, VTS (Cardiology)

Oncology

Faculty



Shay Bracha, DVM, MS
Diplomate, ACVIM (Oncology)
Assistant Professor



Katie Curran DVM, MS
Diplomate, ACVIM (Oncology)
Assistant Professor



Haley Leeper, DVM
Assistant Professor

Residents



Cyril Parachini-Winter, DVM
Oncology Resident

Overview

The Oncology Service provides the most current diagnostics and treatment for cancer in companion animals. The service offers coordinated medical and surgical oncology treatment. It also serves as a resource, providing the latest animal cancer information to referring veterinarians and pet owners.

Diagnostics

- Comprehensive biopsy procedures
- Cancer staging
- Immunophenotyping
- Cutting-edge diagnostic approaches

Therapy

- Chemotherapy
- Reconstructive surgery
- Immunotherapy
- Tyrosine kinase inhibitors
- Metronomic therapy
- Novel therapeutics
- Palliative radiotherapy
- Clinical trials
- Translational research

Certified Veterinary Technicians



Cheryl Barnes, CVT



Nicole Kuhn, CVT



Salome Kurinsky-Malos, CVT

Clinical Services

Small Animal Critical Care

Certified Veterinary Technicians



Julie Brown, CVT



Meghan Hiatt, CVT



Janice Hutcheson, CVT



Tracy Jastad, CVT



Julie Posch, CVT,
VTS (EEC)



Jamie Vance, CVT

Not pictured:
Kimberly Warren, CVT

Overview

Oregon State University maintains a state-of-the-art small animal intensive care unit that offers 24-hour care for seriously or critically ill dogs and cats. Our facility is staffed with certified veterinary technicians as well as a staff veterinarian either on the premises or on call. The hospital is prepared to treat emergent and critical traumatic, surgical and medical cases.

Services Available

- In-house laboratory tests including hematology, chemical profiles, blood ammonia measurement, tests for hemostasis, blood gas analysis
- Diagnostic imaging including computed radiography and ultrasound
- Diagnostic/therapeutic techniques including thoracocentesis, chest tube placement, airway lavage, abdominocentesis
- Advanced monitoring techniques including electrocardiography, telemetry, pulse oximetry, arterial/indirect blood pressure measurement, central venous pressure, urine output
- Enteral and parenteral feeding capabilities
- Transfusion of blood and blood products
- Oxygen enrichment techniques including environmental, nasal and endotracheal administration
- Mechanical ventilation capability
- State-of-the-art pain management
- Access to specialists in anesthesiology, cardiology, internal medicine, oncology, surgery, and theriogenology

Intensive Care Unit Capabilities

- 24-hour patient care and monitoring
- Direct arterial and central venous pressure monitoring
- Oxygen-enriched treatment modalities
- Chest tube placement with continuous evacuation
- Parenteral nutrition and feeding tube placement
- 24-hour telemetric ECG, BP, and oximetry monitoring

Rehabilitation

Certified Veterinary Technicians



Sarah Short, CVT, CCRP



David Meyer, CVT, CCRP

Overview

The Small Animal Rehabilitation Unit has state-of-the-art diagnostic and therapeutic services for dogs and cats with a variety of conditions including spine, joint, bone, and systemic conditions. We have a complete service for the care and management of working and sporting dogs including gait analysis, 3D computed tomography, MRI and diagnostic ultrasound.

Each patient is assessed by a board-certified surgeon, or board-certified, sports medicine and rehabilitation clinician. Then a customized therapy plan is developed based on each patient's unique needs. Dogs can be boarded for extended therapy or we can provide in-depth instruction to clients so that they may continue treatments at home.

Advanced Techniques

- Rehabilitation therapeutic exercises with a certified rehabilitation therapist (CCRP)
- Therapeutic splints and supports
- Hydrotherapy (8' x 12' swimming pool)
- Underwater treadmill therapy
- Therapeutic laser- class 4
- Therapeutic ultrasound
- TENS (Transcutaneous Electric Nerve Stimulation)
- Neurological reeducation
- Pre- and Postoperative care
- Manual therapy and massage therapy
- In-patient boarding for treatment
- Acupuncture
- Therapeutic exercise equipment: Therapy balls, rolls, steps, carts, elastic bands, Cavaletti rails, obstacles, therapy toys

Conditions Treated

- Hip/elbow dysplasia
- Osteoarthritis
- Fracture/trauma recovery
- Muscle atrophy
- Intervertebral disk disease
- Cruciate ligament partial/ full rupture
- Osteochondritis dissecans
- Wobblers
- Patella Luxation
- Infra/supraspinatus injury

Clinical Services

Small Animal Surgery – Orthopedic

Faculty



Jennifer Warnock, DVM, PhD
Diplomate, ACVS
Associate Professor

Residents



Isaac Cortes, DVM
Surgery Resident



Lea Mehrkens, DVM
Surgery Resident

Overview

The Orthopedic Surgery Service offers evaluations and diagnostic workup of bone, joint, and spinal injuries and congenital abnormalities in dogs and cats. Our evaluations include a full examination by a board certified veterinary surgeon. We perform advanced surgery for the treatment of injuries including repair of broken bones (fractures), ruptured ligaments, strained tendons and torn muscles. We offer hip and elbow replacement for dogs as well as surgery for cruciate ligament disease, joint dislocation, spinal disk herniation and spinal fractures. We specialize in minimally invasive surgical techniques including arthroscopy, fluoroscopy, platelet rich plasma and stem cell injections. The orthopedic surgery service works closely with the Small Animal Rehabilitation Service to provide complete care of injuries before, during and after surgery.

Advanced Techniques

- Total hip replacement
- Total elbow replacement
- Fluoroscopic assisted fracture repair
- Minimally invasive fracture and joint surgery
- Spinal neurosurgery
- Arthroscopy using HD 1080p equipment
- Platelet rich plasma and stem cell therapy
- Gait analysis using a 2-meter long pressure sensor with 8,000 sensors
- Osteochondrosis dissecans surgery
- Angular limb deformity correction with 3-D planning using computed tomography
- Cranial cruciate ligament surgery and rehabilitation

Certified Veterinary Technicians



Erica Capobianco, CVT



Melanie Garrett, CVT

Small Animal Surgery – Soft Tissue

Faculty



Milan Milovancev, DVM, MS
Diplomate, ACVS
Associate Professor



Katy Townsend, DVM
Diplomate, ACVS
Assistant Professor

Overview

The Soft Tissue & Oncologic Surgery Service offers advanced care for your dog or cat when they require surgery not involving musculoskeletal (orthopedic) disorders. The faculty surgeons treat many cardiac, respiratory, gastrointestinal, endocrine, urogenital, and plastic (reconstructive) conditions using minimally invasive and advanced surgical techniques. We specialize in reconstructive surgery following trauma or tumor removal, microscopic surgery for vascular surgery and ureteral obstructions in dogs and cats, and minimally invasive surgery using cameras and special instruments in both the chest and/or abdomen. The small animal surgery service works side-by-side in an integrative, multi-disciplinary approach (e.g. with the Oncology, Cardiology, or Internal Medicine services) to provide your pet with a team of specialists with the latest advancements in the treatment of complex conditions.

Advanced Techniques

- Thoracoscopy
- Laparoscopy
- Plastic/Reconstructive surgery
- Negative-pressure wound therapy (e.g. “VAC”)
- Microvascular surgery
- Ureteral stenting & microscopic ureteral surgery
- Tracheal stenting
- Urethral stenting
- Oncologic (cancer) surgery using 3D computed tomography
- Subcutaneous ureteral bypass
- Cardiac surgery

Certified Veterinary Technicians



Eva Hayden, CVT



Nichole Hovelsrud, CVT

Clinical Services

Small Animal Internal Medicine

Faculty



Helio de Morais, DVM, MS, PhD
Diplomate, ACVIM
(Internal Medicine & Cardiology)
Hospital Director
Professor



Jana Gordon, DVM
Diplomate, ACVIM
Associate Professor

Overview

The Internal Medicine service diagnoses and provides treatment for a wide range of life-threatening health conditions including renal, metabolic, gastrointestinal, infectious, endocrine, hematologic, respiratory, and liver disorders.

Advanced Techniques

- Arthrocentesis
- Bone marrow aspiration and core biopsy
- Continuous glucose monitoring
- High-definition Endoscopy
- Bronchoscopy and rhinoscopy
- Cystoscopy and uterostomy
- Esophagoscopy and laryngoscopy
- Gastroduodenoscopy and colonoscopy
- Feeding-tube placement
- Laser lithotripsy
- Ultrasound-guided kidney biopsy
- Treatment of nasal and sinus fungal infection

Interventional Medicine

Respiratory

- Nasopharyngeal stenting
- Tracheal stenting
- Tracheal balloon dilation
- Bronchoscopic-assisted tracheobronchial foreign body removal
- Fluoroscopic-assisted tracheobronchial foreign body removal
- CT-Guided lung biopsy

Residents



Benjamin Brunson, DVM
SA Medicine Resident



Alaina Moon, DVM
SA Medicine Resident

Interventional Medicine – Continued

Gastrointestinal

- Esophageal balloon dilation
- Esophageal stenting
- PEG: Percutaneous endoscopically-placed gastric tubes
- Jejunostomy through PEG tube
- Colonic stenting
- Laser ablation of colonic polyps
- Anorectal balloon dilation

Hepatobiliary

- Hepatic vascular stenting (for vascular obstruction secondary to tumors)
- Percutaneous transjugular coil embolization for PSS

Genitourinary

- Urethra
 - Urethral stenting
 - Urethral balloon dilation
 - CLA-EU: Cystoscopic-guided laser ablation of ectopic ureters
 - Laser lithotripsy for urethral stones
 - Antegrade urethral catheterization
- Bladder
 - Laser lithotripsy for bladder stones
 - Cystoscopic-assisted stone removal
 - Laser ablation of bladder polyps
- Ureter
 - Antegrade ureteral stenting
- Kidneys
 - Percutaneous nephrostomy tube placement
- Vagina
 - Laser ablation of polyps
 - Laser ablation of persistent paramesonephric remnant

Certified Veterinary Technicians



Robin Cheung, CVT



Laura Peterson, CVT

Support Services

Diagnostic Imaging

Faculty



Stacy Cooley, DVM
Diplomate, ACVR
Assistant Professor



Sarah Nemanic, DVM, MS, PhD
Diplomate, ACVR
Associate Professor



**Susanne Stieger-Vanegas, Dr. med. vet.,
Mag. med. vet., PhD**
Diplomate, ECVDI
Camden Endowed Associate Professor

Overview

The OSU Veterinary Teaching Hospital offers state-of-the-art diagnostic imaging services for all species of animals, including companion, large and exotic animals. Our services include radiography, fluoroscopy, computerized tomography (CT), magnetic resonance tomography (MRI), ultrasonography and nuclear medicine. Additionally we perform image-guided diagnostic interventional procedures. Our equipment is designed for examination of both large and small animals. A PACS system allows us to access the images of our patients from anywhere in the hospital.

Advanced Techniques

- Computed Radiography
- Fluoroscopy
- Swallowing studies
- Airway studies
- Vascular studies
- Ultrasonography
- Ultrasound-guided diagnostic procedures (FNA and biopsies)
- Computed Tomography
- Evaluation of lesions (head/brain, thorax, abdomen, musculoskeletal system)
- Magnetic Resonance Tomography
- Soft tissue tumor evaluation
- Nuclear Scintigraphy
- Bone scans
- Undiagnosed lameness
- Infection
- Neoplasia (including metastasis)
- Transcolonic studies for evaluation of portosystemic shunts
- Glomerular filtration rate studies for evaluation of kidneys

Residents



Krista Bruckner, DVM



Kristen Fleming, DVM

Equipment

Radiography

- Fuji digital radiography units
- Digital, movable, overhead unit for large animals
- 2 portable radiography units

Fluoroscopy

- GE OEC-9600
- GE OEC-9800

Ultrasound

- Toshiba Aplio 500
- Philips IU-22
- 3 portable units including a Hitachi Noblus & a Sonoscope 59
- Multiple transducers

Computed Tomography

- Toshiba Aquilion 64-slice scanner
- Cardiac gated CT
- Large animal CT table

Magnetic Resonance Tomography

- GE Signa Horizon 1 Tesla MRI unit

Nuclear Scintigraphy

- IS 2 gamma camera mounted to a free float lift system
- Mirage nuclear medicine processing software.

Imaging Staff



Brandy Bailey, CVT



Becki Francis, CVT



Cynthia Viramontes, RT (R, CT), ARRT



Jason Wiest, ARRT (R, CT)



Lauren Newsom, DVM

Support Services

Anesthesiology

Faculty



Ron Mandsager, DVM
Diplomate, ACVAA
Associate Professor



Thomas Riebold, DVM
Diplomate, ACVAA
Professor

Overview

The anesthesiology service is comprised of two board-certified anesthesiologists, two AVTA certified anesthesia technicians, and one certified veterinary technician. The anesthesia section is well equipped to provide high quality anesthesia care to large and small animal patients presented to our service by the other hospital services. Our focus is on the overall well-being of the patient, allowing clinicians within our hospital to focus on the particular surgical or diagnostic procedure being performed. Our service provides general anesthesia, regional anesthesia and acute pain management for approximately 1,000 patients a year.

Advanced Techniques

- Sedation and general anesthesia for a wide variety of high risk patients and special procedures
- General anesthesia for minimally invasive procedures
- Management of difficult airway
- Advanced monitoring techniques including electrocardiography, pulse oximetry, arterial blood pressure, capnography, anesthetic agent analysis, and arterial blood gas analysis.
- Use of infusion pumps and syringe pumps to tailor administration of supportive medication to critically ill patients.
- Use of anesthesia record keeping software for anesthetized animals to increase patient safety
- Regional anesthetic techniques including epidural and brachial plexus anesthesia/analgesia
- Mechanical ventilation

Certified Veterinary Technicians



Caitlin Christian, CVT



**April Simons, CVT,
VTS (Anesthesia)**



**Shauna Smith, CVT,
VTS (Anesthesia)**

Pharmacy

Faculty



Brian Bowers, PharmD
Director



Lauralei Schuster, PharmD
Pharmacist



Jeff Holland, Pharmacy Tech



Alyssa Tucker, Supply Tech

Not pictured:
Audrey Sturner, Pharmacy Tech

Mission Statement

At Lois Bates Acheson Veterinary Teaching Hospital at Oregon State University College of Veterinary Medicine the pharmacy's mission is to serve our patients and students with the highest standards of pharmaceutical care. This includes teaching and targeting future and current veterinarians, other healthcare professionals, and providing a fundamental pharmacy practice that enables professional development as the highest priority. This professional development promotes the sole idea of maintaining safe and efficacious use of pharmaceuticals that relate to providing optimal therapy towards our patients.

Services Offered

The Acheson Teaching Hospital Pharmacy at OSU CVM offers a variety of services for our patients and referring veterinarians. Our pharmacy department is licensed as a dual retail and institutional pharmacy which allows prescription orders to be used as an inpatient and outpatient basis, making pharmaceutical drug products accessible to meet the needs of our patient's therapeutic needs. In addition, pharmaceutical product selection is maintained to meet patients' needs from commercial products and limited drug compounding.

Office Hours

Monday - Friday
8:00am - 5:00pm

Interns and Fellows

Small Animal Interns



Dr. Luis Dos Santos



Dr. Laetitia Duler



Dr. Emily Menzen



Dr. Natalia Mikhaleva



Dr. Maria Podsiedlik



Dr. B. Ranganathan



Dr. Tomas Williams

Oncology Intern



Dr. Sarah Wetzel

Large Animal Clinical Fellows



Dr. Ashley Cameron



Dr. Sarah Schale

Hospital Staff

Client Services



Bailey Cunningham
SA Medical Aide



Joe Hays
SA Medical Aide



Ally Knowles
SA Medical Aide



Kat McCamish
LA Medical Aide



Diana McElmurry
SA Medical Aide



Ashlee Meyer
LA Medical Aide



Robin Peters
SA Medical Aide



Chanda Sanderson
SA Medical Aide



Britney Webb
SA Medical Aide

Animal Attendants



Peggy Muths
SA Care Attendant



Kassandra Pedder
LA Care Attendant



Ashley Silkett-Butler
LA Care Attendant



Marilyn Van Dijk
SA Veterinary Asst.



Kimberly Veldman
LA Care Attendant

Float Techs



Allison Lake, CVT
SA Float Tech



Emily Moncrief, CVT
SA Float Tech



Raneen O'Connor, CVT
LA Float Tech



Katie Ritter, CVT
LA Float Tech



Jenna Walsh, CVT
LA Float Tech

Not pictured:
Cahleigh Barnes
Leanna Corliss
Diane Richards
Toni Wilson

Oregon Veterinary Diagnostic Laboratory

Contact Information

Oregon Veterinary Diagnostic
Laboratory
541-737-3261 (Phone)
541-737-6817 (Fax)
vet.diagnostic@oregonstate.edu

Office Hours

Monday – Friday
8:00am – 5:00pm

Closed from 12:00pm to 1:00pm

For laboratory results, please call
during regular office hours.

Receiving Hours

Monday – Friday
8:00am – 5:00pm

Test Submission

A list of all available tests and a
submission form are available at
vetmed.oregonstate.edu/diagnostic

Overview

The Oregon Veterinary Diagnostic Laboratory (OVDL) provides a full range of animal disease diagnostic services to veterinarians, livestock producers, and pet owners. The OVDL also promotes public health and agricultural biosecurity through testing and surveillance for zoonotic and foreign animal diseases. Our services are provided with a focus on quality, accuracy, and timeliness. OVDL diagnosticians are readily accessible for case consultation and test interpretation. The OVDL's rigorous quality assurance program and accreditation by the American Association of Veterinary Laboratory Diagnosticians (AAVLD) are your assurance of the highest quality testing and consultation services.

VDL Diagnostic Services

- Bacteriology/Mycology/Parasitology
- Biopsy/ Histopathology
- Clinical Pathology
- Immunocytochemistry
- Immunohistochemistry
- Molecular diagnostics
- Necropsy
- Serology
- Virology
- Toxicology*

*Toxicology services are accessed through cooperating AAVLD-accredited laboratories.

Pet Memorial Program For Practice Owners



Heather Pedersen
Pet Memorial
Program Administrator
541-737-0586

The Pet Memorial Fund Condolence Card Program

The Pet Memorial Fund Condolence Card Program is a service provided to veterinary practices that enables veterinarians and clinic staff to honor the memory of client's pets with a gift to support the future of veterinary medicine through scholarships at the Oregon State University College of Veterinary Medicine.

Through the program, your clients will receive a personalized condolence card letting them know that you, as a practice owner, attending veterinarian, or staff member, have made a donation to OSU to support student scholarships. (The amount of donation will not be disclosed.)

The Pet Memorial program is a simple but effective way to build a lasting bond with your clients while making a significant impact on the success of Oregon veterinary students.

To participate in the Pet Memorial program, do either of the following:

- Log onto our website: osupetmemorial.org
- OR
- Email us for more information: petmemorial@oregonstate.edu

For more information, contact Heather Pedersen, OSU College of Veterinary Medicine: 541-737-8274.



Oregon State University
Veterinary Teaching
Hospital

200 Magruder Hall
Corvallis, OR 97331

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Contact Information

Director's Office

541-737-6827 (Phone)
541-737-6879 (Fax)
vth.directors@oregonstate.edu

Large Animal Reception

541-737-2858 (Phone)
541-737-8651 (Fax)
la.reception@oregonstate.edu

Oregon Veterinary Diagnostic Lab

541-737-3261 (Phone)
541-737-6817 (Fax)
vet.diagnostic@oregonstate.edu

Small Animal Reception

541-737-4812 (Phone)
541-737-4818 (Fax)
sa.reception@oregonstate.edu

www.vetmed.oregonstate.edu/hospital