

Fourth-Year Professional Curriculum Guide

College of Veterinary Medicine & Biomedical Sciences

Texas A&M University

2022-2023

FOURTH-YEAR PROFESSIONAL CURRICULUM
A Guide for Faculty and Students

****Disclaimer:** Rotations are subject to change between the time this was written and the start of the clinical year.

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Small Animal Hospital Based Services

VETERINARY ANESTHESIOLOGY– (ANES)

Faculty Participating in Teaching and Supervision: Drs. Ida, Lépiz, Baetge, Simon and Residents and Interns and technicians (<https://vethospital.tamu.edu/small-animal/anesthesiology/>)

Goals:

Students on the anesthesiology rotations will be exposed to anesthetic management in a variety of domestic, exotic and laboratory species, depending on the clinical cases available. Students will participate in all aspects of anesthetic management to improve their knowledge and skill in preanesthetic evaluation of the patient, selection of anesthetic drugs, monitoring anesthetized and critical patients, supporting vital body systems in anesthetized and critical patients, recovering patients from anesthesia, and controlling pain and excitement in the peri anesthetic period.

Mechanics of the Rotation:

Students will spend three weeks working with small, large and tomotherapy patients. Caseload will dictate actual participation, and students may assist in other areas if their primary duty area is not busy. Rounds will be held regularly. Students may be required to take one or more written tests. They may be required to present to the other students and the anesthesia faculty a critique of a recent article on anesthesia or critical patient care and/or one case report about one of the animals which they anesthetized during the rotation. At the end of each clinic day, students will prepare for the next day's cases, and students will participate in weeknight and weekend emergency duty on an on-call basis.

Objectives:

1. Practice of the principles and techniques of general anesthesia in a variety of species under the supervision of veterinary anesthesiologists and veterinary technicians.
2. Familiarization with the use of anesthetic machines, ventilators, and monitoring equipment in anesthetized and critical patients.
3. Learning to create and maintain appropriate anesthetic records for the protection of the patient and to serve as legal documentation of anesthetic procedures, drugs, and techniques for a particular patient.
4. Evaluation of articles from the veterinary anesthesia literature in preparation for life-long learning.
5. Evaluation of clinical cases to improve knowledge and ability in selection of drugs, techniques, equipment and procedures for induction and maintenance of anesthesia in various species with various pathophysiological conditions.
6. Learning to select and use appropriate drugs for control of pain and excitement during the peri anesthetic and recovery period.

VETERINARY ANESTHESIA ELECTIVE– (ANESEL)

Faculty Participating in Teaching and Supervision: Drs. Ida, Lépiz, Baetge, Simon and Residents and Interns and technicians (<https://vethospital.tamu.edu/small-animal/anesthesiology/>)

Goals:

Students on the anesthesiology rotations will be exposed to anesthetic management in a variety of domestic, exotic and laboratory species, depending on the clinical cases available. Students will participate in all aspects of anesthetic management to improve their knowledge and skill in preanesthetic evaluation of the patient, selection of anesthetic drugs, monitoring anesthetized and critical patients, supporting vital body systems in anesthetized and critical patients, recovering patients from anesthesia, and controlling pain and excitement in the perianesthetic period.

Mechanics of the Rotation:

Two-week elective rotation with the choice to spend the rotation in either large or small animal anesthesia.

This course can be either before or after the core Veterinary Anesthesiology Rotation for the student.

Objectives:

1. Practice of the principles and techniques of general anesthesia in a variety of species under the supervision of veterinary anesthesiologists and veterinary technicians.
2. Familiarization with the use of anesthetic machines, ventilators and monitoring equipment in anesthetized and critical patients.
3. Learning to create and maintain appropriate anesthetic records for the protection of the patient and to serve as legal documentation of anesthetic procedures, drugs, and techniques for a particular patient.
4. Evaluation of articles from the veterinary anesthesia literature in preparation for life-long learning.
5. Evaluation of clinical cases to improve knowledge and ability in selection of drugs, techniques, equipment and procedures for induction and maintenance of anesthesia in various species with various pathophysiological conditions.
6. Learning to select and use appropriate drugs for control of pain and excitement during the perianesthetic and recovery period.

VETERINARY OPHTHALMOLOGY – (OPHTH)

Faculty Participating in Teaching and Supervision: Drs. Collins, Scott, Vallone, Residents and Interns

Goals:

Students will be assigned to small animal referral and emergency cases. These cases will allow the student to gain experience in the work-up, diagnosis and management of patients with problems related to the eye. Students will also assist with in-house consultation cases, which may include small animal, large animal, or exotic patients with ocular disease.

Mechanics of the Rotation:

Students will spend two weeks with the ophthalmology service. This service attends to all ophthalmology patients whether they be referral or in-house consultations. A student will be assigned to a patient as he/she is admitted to the hospital. The student will be directly involved in the diagnostic evaluation, specific treatment, and hospital management of the case. Tutorial rounds will review in-house patient problems, as well as discuss problems commonly seen in veterinary practice.

Specific Objectives:

1. Assimilate an accurate history by listening to the client and asking appropriate questions.
2. Become proficient in the use of basic ophthalmic equipment.
3. Complete a thorough ocular examination.
4. Recognize common ocular lesions and differentiate abnormal from normal ocular appearance.
5. Develop a differential diagnosis based on the anatomic location of a problem identified on examination.
6. Complete a diagnostic plan and arrive at a correct diagnosis and be able to discuss the physiology, pathology and clinical facets of the problem.
7. Develop a rational treatment scheme.
8. Know the indications and contraindications for the use of ophthalmic medications.
9. Discuss proper postoperative management with the client.
10. Identify complications associated with the treatment.
11. Become familiar with the indications for referring a patient to a specialist for consultation and/or specialized care.

SMALL ANIMAL CARDIOLOGY – (CARDIO)

Faculty Participating in Teaching and Supervising: Drs. Gordon, Saunders, Wesselowski, Residents and Interns

House officers including: Cardiology, internal medicine, emergency critical care and anesthesia residents and interns. Two to four clinicians are in support of this service at any one time.

Goals:

Increase student knowledge and understanding of the diagnosis and treatment of cardiovascular and respiratory disease (primarily in small animals).

Mechanics of the Rotation:

Students will spend two weeks assisting in the operation of the cardiology service. This service receives all cardiac referrals and many respiratory referrals as well as cardiac emergencies. Additional cases are seen on a consultation basis for the small animal and large animal clinic. All cases that are received by students are their responsibility, with clinician supervision, including at night and on weekends. Case and topic rounds will be carried out as time permits. ECG rounds are mandatory and occur Wednesday from 7-8 am unless directed otherwise. A cardiology test may be included at the beginning and end of the rotation and the results may be included in the student's final grade for the rotation.

Specific Objectives:

1. Develop client communication skills with emphasis on acquisition of a thorough history.
2. Improve physical examination skills with emphasis on those related to cardiovascular disease such as auscultation.
3. Develop a problem list and therapeutic plan on a case by case basis.
4. Complete medical records on all assigned cases.
5. Draft discharge letters for all assigned cases.
6. Become familiar with the clinical utility and interpretation of common cardiovascular diagnostics such as thoracic radiographs, systemic blood pressure, electrocardiogram, Holter (24-hour ambulatory electrocardiogram), echocardiogram.
7. Become proficient at obtaining a systemic blood pressure and electrocardiogram.
8. Become familiar with prognosis and the current therapeutic recommendations for common congenital and acquired heart diseases in the dog and cat.
9. Maintain collegiality and appropriate participation in a team-oriented service.
10. Continue to expand cardiology knowledge base by independent study throughout the rotation and completion of several assignments by the last day of the rotation.

Small Animal Critical Care Medicine Elective (CCEL)

Faculty Participating in Teaching and Supervision: Drs. Heinz, Rutter, Yankin and Residents

Goals:

This elective is a two-week course that provides an intense focus on small animal critical care medicine. Students will be exposed to a wide variety of critical cases with acute or chronic illness or injury. Students will be expected to learn and apply basic triage skills, knowledge, and patient assessment to develop a prioritized problem list and diagnostic/therapeutic plans. As able, students will also be encouraged to participate in a variety of procedures including AFAST/TFAST scans, nasoesophageal/nasogastric tube placement, thoracocentesis, abdominocentesis, chest tube placement, esophagostomy tube placement, central line placement, mechanical ventilation, and peritoneal dialysis.

Rotation Expectations:

Students are expected to participate in case discussions, client communications, rounds, and journal club throughout the rotation. They are expected to perform their own physical examinations each morning, unless otherwise dictated by the attending clinician (ie: respiratory distress cases, potential infectious or communicable diseases, cautions) with re-assessments throughout the day, as necessary. Record keeping and finalization of the treatment sheets are the responsibility of the CC resident; however, students are expected to contribute to these processes.

Students on this rotation will be expected to present an article each Friday of the rotation at journal club; articles for selection will be distributed by the senior clinician at the beginning of each week. Summaries should be typed prior to journal club for distribution to other participants.

Students are also expected to lead rounds to the ER students at 4PM on Thursday of the second week of the rotation. The topic can be of their choosing, but must be selected by Friday of the first week in the rotation to allow for adequate research and direction by the senior faculty. If a topic has not been selected by 5PM on Friday, a topic will be assigned by the senior clinician on the rotation.

Caseload and patients will determine whether the shift will end on time, but be prepared to stay after your shift ends as dictated by cases. Students are expected to continue morning care and assessments of hospitalized patients and transfers over the weekends.

Critical Care Schedule: Monday-Friday 7AM-5PM; weekends as needed depending on hospitalized patient and transfers.

Absences:

Excused absences will be issued on a case by case basis for personal matters **necessary** during the rotation (illness, injury, etc.). Email the senior clinician on service if you have specific needs.

DENTISTRY – (SADENT)

Faculty Participating in Teaching and Supervision: Dr. Dodd

Goals:

Students on the Dental Rotation will be expected to develop their skills in diagnosis and clinical management of animals with oral and dental problems. Students will participate in all aspects of the case management including taking comprehensive histories, performing complete physical examination (to include complete oral examination) and obtaining pertinent laboratory data. Students will be expected to develop problem and differential diagnosis lists, diagnostic plans, and therapeutic plans based on the data collected for the cases they are assigned.

Mechanics of the Rotation:

Students will spend two weeks of the rotation in dentistry during which time they will be assigned cases as presented to the Veterinary Medical Teaching Hospital. They will be expected to gather history, perform a complete physical examination, identify the animal's problems and with the clinician's help develop and carry out a diagnostic and therapeutic plan for the cases. Accurate records including dental charts will be kept by the student assigned. Cases and other assigned topics will be discussed in rounds and other times as needed and time permits.

Specific Objectives:

1. Develop and practice skills in history taking and physical examination for oral conditions and learn appropriate use of that information in developing a diagnostic plan.
2. Develop and improve diagnostic and therapeutic skills by monitoring the progress, collecting laboratory materials and interpreting results for the cases assigned. Specific skills that should be worked on during this rotation include but not limited to identification of oral lesions, fractured teeth, abnormal teeth, retained deciduous teeth, and periodontal disease.
3. Practice and improve skills pertaining to cleaning and extracting teeth, treating periodontal disease, taking intraoral radiographs, sharpening instruments and improving teamwork skills with others in the rotation.
4. Practice and improve client communication skills with clients, referring veterinarians, students and others using the cases as a basis for these communications.
5. Practice and improve skills in maintaining accurate and complete medical records. Problem lists, diagnostic plans, therapeutic plans, current therapy, progress notes and client communications should be information that is included in the medical record.
6. Practice using and evaluating information sources such as the library, current journals, textbooks and experts for evaluation and treatment of oral problems. This information will be used in rounds, client discussions and background information to improve the diagnosis and management of oral disease cases.

DERMATOLOGY – (DERM)

Faculty Participating in Teaching and Supervision: Drs. Diesel, Patterson, Residents and Interns

Goals:

- Understand the importance of and develop the ability to obtain a thorough dermatological history.
- Perform a thorough dermatological examination.
- Recognize primary and secondary skin lesions.
- Recognize common ‘patterns’ of disease.
- Develop a list of differential diagnoses for common dermatological problems.
- Perform common dermatological diagnostic procedures and interpret their results.
- Develop a treatment strategy for common dermatological problems including pruritus.
- Understand the indications and potential adverse effects of commonly prescribed dermatological treatments.
- Understand how to find and use pertinent medical literature (evidence-based medicine exercise).
- Organize and effectively communicate thought processes verbally and in written form (Dermatology Case Worksheet and client handout exercise).
- Learn good hand hygiene measures.
- Correctly spell ‘pruritus’.

Rotation Rounds:

Disease conditions that will be addressed through presenting cases and topic rounds include, but are not limited, to allergic skin disease, folliculitis (demodicosis, dermatophytosis, pyoderma), *Malassezia* dermatitis, otitis, and pruritic cutaneous parasitism. Other diseases will be discussed as the cases present to VMTH. Glucocorticoid and topical therapy rounds will be included. Cases and other topics will be discussed in rounds as time permits.

Rotation Logistics:

The rotation involves dermatologic care for both small and large animals. Students will spend two weeks on the rotation during which time they will be assigned to cases presenting to the VMTH. Each student will be expected to gather history, perform a physical/dermatological exam, identify the problems, and with the clinician’s oversight develop and proceed with a diagnostic and therapeutic plan. Students are expected to perform virtually all diagnostic procedures including skin/ear cytology, skin scrapings, culture collection, and skin biopsies.

Accurate records of all aspects of the case (progress notes, client communications, and Dermatology Case Worksheets) will be kept by the assigned students.

SMALL ANIMAL EMERGENCY (SAER)

Faculty Participating in Teaching and Supervision: Drs. Heinz, Rutter, Yankin, Residents and Interns

Authorized absences are not permitted on Small Animal Emergency Receiving. If you need to attend a conference or meeting, speak with the Professional Programs Office about rescheduling your Emergency Rotation.

Excused absences will be issued on a case by case basis for personal matters **necessary** during the rotation (illness, injury, etc.). Email the senior clinician on service if you have specific needs.

1. You will be assigned emergency duties as follows:
 - One 2-week rotation per student which includes duty on both the weekdays, the weekends, and possibly holidays.
 - Each student can anticipate at least one day off during the day shift.
2. Emergency duty schedules will be posted.
3. **In order to be able to guarantee special scheduling for true emergencies, we cannot customize your emergency duty schedule to fit your personal needs; i.e. weddings, babysitting, family reunions, employment responsibilities, etc.**
4. **We can, and will adjust your schedule for the following:**
 - Personal illness
 - Death or serious illness of immediate family member
 - Special religious needs
5. Externships:
 - Rotations begin on Monday; externships begin on Monday **if possible**. Just because some clinicians give you the weekend prior to your externship off, **do not** assume that Emergency Receiving is also excused -- **it is not**. If you are scheduled for Emergency Receiving, **you** are responsible for covering this duty or arranging alternate coverage by swapping with a classmate. **Do not purchase airline tickets thinking we can rearrange your duties -- we cannot.**

Emergency Schedules - Small Animal

Caseload will determine whether the shift will end on time, but be prepared to stay after your shift ends to finish your cases from the day. Students will be assigned a night off one night during the rotation. Rounds will be given on Tuesday and Thursday at 4 pm as caseload permits and throughout the rotation during down time.

Emergency (Mon-Sun): 6:00 AM - 6:00 PM
4:00 PM - 4:00 AM

* Sunday late shift only: If caseload allows, students may be dismissed at the discretion of the overnight Intern.

SMALL ANIMAL INTERNAL MEDICINE (SAIM)

Faculty Participating in Teaching and Supervision: Drs. Kate Aicher, Genna Atiee, Audrey Cook, Katee Creevy, Emily Gould, Johanna Heseltine, Jonathan Lidbury, Katie McCool, Carly Patterson, Joerg Steiner, Residents and Interns

Goals:

Students will be guided in their efforts to acquire the knowledge, skills, and attitudes needed to detect, diagnose, and treat illnesses of dogs and cats. Students will participate in case management (including client communications) to develop, through supervised practice, their abilities to gather and evaluate clinical data, formulate appropriate diagnostic and therapeutic plans, perform procedures, and advise animal owners. The overall goal is to foster a logical approach to clinical problem solving, and the behaviors needed for a lifetime of on-going, independent learning.

Mechanics of the Rotation:

Students will spend the two-week rotation working in the Small Animal Hospital. The rotation is regarded as a 14-day event and students need an approved absence form if any day is missed. Each student will be assigned personal responsibility for the investigation and care of individual patients under the supervision of attending clinicians. Case responsibility continues, including evenings and weekends, until the patient is discharged, or the rotation ends. The number and nature of assigned cases will be a function of the service's case load. Most cases will be referred patients, and many will require hospitalization. Rounds will be conducted daily during the week, and active individual participation is required.

Specific Objectives:

1. Practice and refine history-taking, physical examination, and other basic skills for gathering clinical data.
2. Evaluate clinical data to accurately identify and properly assess clinical problems.
3. Formulate pertinent diagnostic and therapeutic plans, proposing and weighing the merits of alternative strategies, as appropriate.
4. Retrieve readily and effectively use information from relevant resources such as books, periodicals, consultants, and computer data bases.
5. Practice and improve technical skills; proficiently handle and restrain dogs and cats; properly perform diagnostic procedures; and correctly administer treatments.
6. Maintain problem-oriented medical records appropriately.
7. Communicate effectively and work productively with animal owners (clients), professional co-workers (clinicians and fellow students), and hospital staff as directed by the clinicians.

Additional information:

Detailed guidelines regarding the organization of the services, expectations regarding student participation, and grading processes are available on Canvas.

SMALL ANIMAL NEUROLOGY/NEUROSURGERY – (NEURO)

Faculty Participating in Teaching and Supervision: Drs. Boudreau, Jeffery, Kerwin, Levine, Mankin, Residents and Interns

Goals:

Students will be exposed to a variety of patients with neurologic dysfunction and neurosurgical disorders, affording them the opportunity to practice their problem-solving skills and clinical case management with responsibility to the patient and client.

Mechanics of Rotation:

The neurology/neurosurgery service will be directed to referral patient appointments on Monday-Thursday, plus daily emergency referrals and in-house consultations, including weekends and after-hours cases. Students are given the opportunity to volunteer for participation in cases and are asked to review class notes and literature in preparation for the case under the guidance of a house officer and senior clinician. This responsibility includes collection of the database (history, physical and neurological examinations, and screening lab data), development of a diagnostic plan, client communications, complete medical records, and patient care. The neurology technician(s) will assist students with database collection and patient care. Students are asked to participate in daily rounds by leading the discussion on their own patients, as well as actively contributing to the discussion of all cases under the care of the service, so that maximum educational benefit is derived from every case by every student.

Specific Objectives:

1. Demonstrate and refine neurological examination skills
2. Practice prioritizing differential diagnoses based on neuroanatomical localization, patient signalment, and disease course
3. Improve understanding of the pathophysiology underlying common neurological disorders such as intervertebral disk disease, seizures, and myasthenia gravis
4. Recognize appropriate use of diagnostic tools for specific conditions (i.e., spinal radiography, CT, MRI)
5. Suggest treatment options for various neurological diseases
6. Discuss appropriate time frame for patient referral
7. Demonstrate basic post-surgical care and appropriate management of pain and distress in hospitalized patients
8. Practice rehabilitation therapy skills
9. Make a plan for management of neurological disease in the context of associated common internal medicine problems. For example, animals with myasthenia gravis may need management of aspiration pneumonia, megaesophagus, dysphagia, and laryngeal weakness.
10. Demonstrate sterile surgical technique, physical examination skills, and communication skills with clients and colleagues.

INTEGRATED ONCOLOGY SERVICE (ONCO)

Faculty participating in teaching and supervision: Drs. Wilson-Robles, Davidson, Deveau, Dickerson Thieman-Mankin, Smith, Warry, Wustefeld-Janseens, Residents and Interns

Goals:

Students will be exposed to the diagnosis and therapy of a wide variety of oncology cases during this rotation. The student will assist in the work-up and staging of neoplasms of dogs and cats using physical examination, cytology, radiography, ultrasonography, CT and MRI imaging, clinical pathology, and histopathology. They will be exposed to surgery, radiation therapy, and chemotherapy as modalities for treatment, and will learn when each is appropriate for a specific case.

SMALL ANIMAL ORTHOPEDIC SURGERY – (SAORTHO)

Faculty Participating in Teaching and Supervision: Drs. Kerwin, Peycke, Saunders, Barnes, Residents and Interns

Goals:

To provide leading-edge surgical care for dogs and cats with orthopedic disease and provide excellent service to the clients who own the animal as well as to the referring veterinarian. To provide students with practical, hands-on knowledge and experience in clinical orthopedics, including: obtaining an appropriate orthopedic history and performing a complete orthopedic examination, evaluation of diagnostics (radiographs, CT, U/S, lab work), formulation of diagnostic and therapeutic plan, and active participation in patient care (surgical and post-operative experience). The student will be the primary source of daily communication with the client. Substantial technician support will be provided for evening and weekend patient care, although students should expect to remain in town and participate in service activities both weekends of the rotation.

Mechanics of the Rotation:

The rotation is two weeks and is supervised by two board-certified small animal orthopedics and two to three house officers (interns and residents). The service sees appointments M, T, W, F and operates cases 5 days a week. The service takes emergency transfers M-F, but not on the weekends. Students with in-hospital patients are expected to arrive early enough to complete a physical exam, walk or otherwise care for the patient, administer medications, and write new daily orders by 8 am. Daily progress notes are also required. Students without in-hospital patients are expected to arrive no later than 7:30 AM to help rotation-mates with patient care, take transfers under the supervision of the house officers, and prepare for morning topic rounds.

Daily topic rounds occur at 8:15 am or as scheduled by the senior clinician to review in-house cases and to discuss common small animal orthopedic disorders in the context of the clinical cases, for example: hip dysplasia, cranial cruciate ligament disease, patella luxation, elbow dysplasia, fracture management, and angular limb deformities.

Specific Objectives:

1. Improve orthopedic examination skills and leave the rotation comfortable with cranial drawer examination (and associated pitfalls), patella luxation, Ortolani sign, and identification of obvious gait abnormalities.
2. Create a problems list, differential diagnoses, and plan for each problem.
3. Interpret common orthopedic diagnostics (i.e., radiography, CT, U/S, lab work).
4. Review common surgical and/or medical treatment options for common orthopedic disorders.
5. Improve knowledge base and surgical skills by reading about specific surgeries and surgical approaches in advance of surgical cases; actively participating in surgery.
6. Improve knowledge base and experience with perioperative and chronic pain management.
7. Develop skills in basic post-surgical care, rehabilitation, and bandaging.
8. Communicate well with others and function as a team member of a hospital service.
9. Gain insight into clinical trial screening, enrollment, and participation.

PRIMARY CARE SERVICES – (SAPC)

Faculty Participating in Teaching and Supervision: Drs. Eckman, Bennett, Bilof, Teller, and Navarrette

Goals:

The Primary Care rotation will enable fourth year veterinary students to provide care for companion animal patients much like they would do in a private practice setting including care for both healthy and sick pets, general surgical conditions (OHE, neuters, mass removals, etc.), and general dentistry. Students will help counsel clients on the proper care of healthy canine and feline patients and perform routine prophylactic measures and diagnostic screening tests for diseases commonly encountered in a general practice setting practice area. The fourth-year student will broaden their surgical experiences and perform preoperative evaluation, anesthetic management, surgical management, and post-operative care for surgical conditions. The fourth-year student will also be expected to develop their skills in diagnosis and clinical management of animals with common dental conditions.

Students on this rotation will have primary client communication and education responsibility. Teamwork and client communication are all essential components of this rotation.

Mechanics of the Rotation:

During the four-week rotation, students will be assigned daily to one primary area either outpatient receiving, dentistry, or general surgery during where they will admit and examine patients from the local community, both on appointment and walk-in basis. Depending on the presenting problem, patients may be discharged after the appointment or procedure, hospitalized for diagnostic and/or therapeutic procedures, or transferred to the appropriate specialty service. Students should fully anticipate to rotate throughout the different areas throughout the day as caseload dictate. Time for rounds and student feedback is built into the rotation.

Specific Objectives:

1. Practice obtaining histories from clients and performing physical examinations on companion animals.
2. Develop a prioritized problem list with differentials with appropriate diagnostics and therapeutics.
3. Practice basic veterinary techniques vital to general practice such as venipuncture, internal and external parasite detection, cytological sample collection and interpretation, sedation protocol selection and administration, bandage applications, and safe handling, restraint, and sample collection of non-traditional companion animal species
4. Learn how to provide basic preventative care and husbandry for dogs, cats, and non-traditional companion animals such as pocket pets, ferrets, reptiles, and birds.
5. Learn to treat diseases, problems, and infestations commonly encountered in general small animal veterinary practice.
6. Perform the elective surgical procedures commonly performed in the routine practice of a veterinary medicine: i.e. ovariohysterectomies, castrations, and others.
7. Practice and improve skills pertaining to cleaning and extracting teeth, treating periodontal disease, taking intraoral radiographs, and sharpening dental instruments.
8. Safely perform anesthesia on both pediatric and adult patients.
9. Provide perioperative care to the hospitalized patient, discharge the patient from the hospital and advise the client on postoperative care of their pet.

10. Understand the rationale for performing prepubertal gonadectomy. Understand the physiologic differences between the pediatric patient and the adult patient, as well as the modifications in anesthetic and surgical protocols for the pediatric patient.
11. Create and maintain appropriate and complete medical records for the documentation of veterinary care provided (including anesthetic reports, surgical reports and dental charting) to the patient and to serve as a legal document of procedures provided and advice given for the individual patient.
12. Practice communication skills while educating clients about health, wellness and illnesses in pets.

SMALL ANIMAL SOFT TISSUE SURGERY – (SASOFT)

Faculty Participating in Teaching and Supervision: Drs. Davidson, Thieman, Dickerson, Residents, and Interns

Goals:

To allow the student the opportunity to gain experience in the work-up, diagnosis and management of small animal patients with problems which may require soft tissue surgery. To allow the student the opportunity to gain experience in the preoperative, operative, and postoperative management of patients with disorders of the following body system(s): cardiovascular, digestive, genital, integumentary, lymphatic, respiratory, special senses (ears), and urinary.

Mechanics of the Rotation:

Students will spend two weeks with the small animal soft tissue service. This service attends to all soft tissue surgery patients whether they be referral or in-house consultations. Patients are generally assigned prior to admission, and the student will be directly involved in the diagnostic evaluation, treatment, and management of the case during the hospitalized period. A review of in-house patients, as well as a discussion of soft tissue issues/problems which are common to veterinary practice, will occur during tutorial rounds. Students will also participate in after-hours call to gain exposure to emergency surgical procedures.

Specific Objectives:

1. Assimilate an accurate history by listening to the client and asking the appropriate questions.
2. Complete a thorough physical examination.
3. Develop a differential diagnosis list based on the anatomic location of the problem(s) identified on examination.
4. Complete a diagnostic plan and arrive at a correct diagnosis or an accurate differential diagnosis list.
5. Discuss the physiologic, pathologic, and clinical facets of patient problem(s) with students and faculty on the soft tissue service.
6. Develop a rational treatment scheme and participate in the surgical correction of the problem.
7. Develop a rational postoperative treatment plan and discuss this plan with the clinician and the client.
8. Identify complications associated with the treatment.



Large Animal Hospital Based Services

EQUINE COMMUNITY PRACTICE + FIELD SERVICE (EQFSCP)

Faculty Participating in Teaching and Supervision: Drs. Easterwood, C. Griffin and Hardy

Goals:

Students on the Equine Medicine Rotations will be offered the opportunity to utilize and expand their knowledge of veterinary medicine through the care of equine patients seen at the Teaching Hospital and in the ambulatory setting. Students will participate in and discuss diagnostic evaluations, therapeutic plans, daily care and husbandry of horses, client communications, and ethical, medical and legal considerations of equine practice.

Subject matter will vary according to the seasonal needs of the clientele and caseload of the VMTH.

Mechanics of the Rotation:

The rotation begins at 8 a.m. the first Monday of the rotation and ends at 8 a.m. Monday following two weeks on the rotation. Cases seen will include routine appointments, referral cases, and emergencies. Students who have cases assigned to them will be responsible for the care of those cases during the patient's hospitalization or until the end of a rotation. Daily rounds and grand rounds for each group will be determined by the senior clinician of that group. Students will participate in scheduled emergency duty during the weekdays, nights, and weekends or as the need arises to care for patients at the VMTH.

Specific Objectives for Equine Community Practice & Field Services:

1. Develop knowledge and expertise to safely handle horses
2. Perform routine procedures (when available):
 - a. IV and IM injections
 - b. Passage of nasogastric tube
 - c. Dental examination and procedures
 - d. Lameness examination
 - e. Hands on practice with diagnostic instrumentation: ultrasound, airway endoscopy, digital radiography
3. Have an understanding of equine preventive medicine
 - a. Vaccinations
 - b. Parasite Control
 - c. Dentistry
4. Be exposed to conditions seen in a field service practice

EQUINE INTERNAL MEDICINE - (EQIM)

Faculty Participating in Teaching and Supervision: Drs. Chaffin, Coleman, Trimble, Residents and Interns

Goals:

Students on the Equine Internal Medicine Rotation will be offered the opportunity to utilize and expand their knowledge of veterinary medicine through the care of equine patients seen at the Teaching Hospital. Students will participate in and discuss assessment, diagnostic evaluations, therapeutic plans, daily care and husbandry of horses, client communications, and ethical, medical, and legal considerations of equine practice. Subject matter will vary according to the seasonal needs of the clientele and caseload of the Veterinary Medical Teaching Hospital (VMTH).

Mechanics of the Rotation:

Students will be assigned to the rotation for two weeks. The rotation begins at 8 a.m. the first Monday of the rotation and ends at 8 a.m. Monday following two weeks on the rotation. Cases seen will include routine appointments, referral cases, emergencies, and cases from other rotations through consultation, including a wide array of gastrointestinal, neurologic, respiratory, endocrinologic, and cardiovascular diseases. Students on the rotation will also participate in the assessment and care of ophthalmologic cases under the guidance of the ophthalmology service. Students who have cases assigned to them will be responsible for the care of those cases during the patient's hospitalization or until the end of a rotation, including weekends. Daily rounds and grand rounds for each group will be determined by the senior clinician of that group. Students will participate in scheduled emergency duty during the weekdays, nights, and weekends or as the need arises to care for patients at the VMTH.

Specific Objectives:

1. Application of medical principles to create a diagnostic and therapeutic plan under the supervision of clinical veterinarians. This would include: client interview for patient history, physical examination, identification of problems/abnormalities by system, differential diagnosis, supplemental diagnostic plan, design therapeutic approach, implementation of care according to client agreement, and follow-up assessment of patient.
2. Learn to create and maintain appropriate medical records on each patient for historical and legal documentation.
3. Encourage discussion of care material and decision-making processes through formal and informal rounds.
4. Promote life-long study habits through self-directed study of clinical material and appreciation for evidenced-based practice. Discussion and application of material from outside resources will be encouraged.

EQUINE OFF-SITE ROTATION - (EQOFF)

The 4VM equine off-site rotation is a 2-week rotation at a location selected by the student from a list of approved locations. The VLCS program coordinator can provide you with the current list. The rotation is meant to give an experience to the student that is not available with in-hospital rotations, for example a different service (e.g., equine rehabilitation) or service at a different level (e.g., high volume foaling). Should the student want a site that is not listed on the current list, a request can be made to the curriculum committee to add the proposed location, with a justification on how this location would provide a unique experience to the student. This can be done by contacting Dr. Hardy for initial review. The student will be asked to complete a short evaluation of the new off-site location at the completion of the rotation.

EQUINE SURGERY – (EQSOFT and EQORTH)

Soft Tissue and/or Orthopedic

Faculty Participating in Teaching and Supervision: Drs. Arnold, Watkins, Watts, Whitfield-Cargile, Glass
Residents and Interns

Goals:

To increase the student's understanding of the diagnosis, treatment, and perioperative management of surgical diseases of the equine species.

Mechanics of the Rotation:

Students are assigned to two-week rotations on soft tissue or orthopedic surgery. On these rotations they participate with the faculty and staff in the diagnosis, surgical treatment, and perioperative care of equine patients presented to the Large Animal Clinic.

Objectives:

To utilize clinical cases as an aid in the development of the students' skills and knowledge relating to diagnosis and care of equine surgical patients. Emphasis is placed on patient care activities and includes a full spectrum of equine surgical diseases, including primary, secondary, and tertiary care.

EQUINE SPORTS MEDICINE & IMAGING (EQSMI)

Faculty Participating in Teaching and Supervision: Drs. Sampson, Glass, Residents and Interns

Goals:

Students on the Equine Sports Medicine & Imaging rotation will be offered the opportunity to utilize and expand their knowledge of veterinary medicine through the care of equine patients seen at the Teaching Hospital and in the hospital setting. Students will participate in evaluation of lame horses and horses with performance issues.

Students will discuss and assist in diagnostic evaluations, therapeutic plans, daily care and husbandry of horses, client communications, and ethical, medical, and legal considerations of equine practice. Subject matter will vary according to the seasonal needs of the clientele and caseload of the VMTH.

Mechanics of the Rotation:

The rotation begins at 8 a.m. the first Monday of the rotation and ends at 8 a.m. Monday following two weeks on the rotation. Cases seen will include routine appointments, referral cases, emergencies, and cases from other rotations through consultation. Students who have cases assigned to them will be responsible for the care of those cases during the patient's hospitalization or until the end of a rotation. Daily rounds and other rounds for each group will be determined by the senior clinician of that group. Students will participate in scheduled emergency duty during the weekdays, nights, and weekends or as the need arises to care for patients at the VMTH.

Specific Objectives for Equine Rotations:

1. Application of medical principles for arriving at a diagnostic and therapeutic plan under the supervision of clinical veterinarians. This would include: client interview for patient history, physical examination, identification of problems/abnormalities by system, differential diagnosis, supplemental diagnostic plan, design therapeutic approach, implementation of care according to client agreement, and follow-up assessment of patient.
2. Learn to create and maintain appropriate medical records on each patient for historical and legal documentation.
3. Encourage discussion of care material and decision-making processes through formal and informal rounds.
4. Promote life-long study habits through self-directed study of clinical material. Discussion and application of newfound material from outside resources will be encouraged.

EQUINE THERIOGENOLOGY – (EQTH)

Faculty Participating in Teaching and Supervision: Dr. Love and Residents

Goals:

Through discussions, laboratories and clinical cases, students will be exposed to routine reproductive management of horses. Miniature horses and donkeys will be seen occasionally as clinical cases. Palpation of the reproductive tract of mares, including pregnancy diagnosis will be stressed. Considerable exposure to transrectal ultrasonographic examination of the reproductive tract will be provided during the rotation. Diagnosis and treatment of subfertility/infertility of mares and stallions will be addressed, as will techniques for collection, storage and transport of stallion semen. Elective surgeries of the equine reproductive tract, embryo transfer and oocyte aspiration procedures may be performed.

Mechanics of the Rotation:

Students will spend two weeks in this rotation. Three to five mornings per week will be devoted to developing skills in palpation of the reproductive tract of mares in the teaching herd and possibly the prison horse herds through field trips. Instruction in transrectal ultrasonographic examination of the reproductive tract of the mare will also be provided during these sessions. Afternoon laboratories will be provided so that students can perform breeding soundness examinations on teaching mares and stallions. Each student will have an opportunity to handle teaching stallions for collection of semen. Likewise, each student will learn techniques and procedures for proper collection and handling of semen, evaluation of semen quality, proper use of semen extenders and preparation of semen for storage and shipment. Students will also participate in reproductive management of client horses presented to the Large Animal Clinic. Clinical cases are variable, including horses admitted for pregnancy diagnosis, breeding soundness examinations (mares and stallions), semen collection for transport or freezing, treatment of specific reproductive ailments, embryo transfer, and reproductive surgeries.

We encourage students to spend two rotations (4 weeks) in this elective to allow more time for honing skills which will be useful upon graduation.

Objectives:

1. Practice principles and techniques of palpation of the genital tract of mares and breeding management of horses.
2. Practice principles and techniques of breeding soundness examinations of mares and stallions.
3. Learn to diagnose and treat infertility/subfertility in horses.
4. Learn techniques needed for performing embryo transfer and elective reproductive surgeries.

Horses will be available to students for developing skills in equine reproduction during every rotation provided. The time of year when the rotation is taken should not markedly affect the experience that the student will gain during the rotation. This rotation will not be offered in Blocks 6 through 9.

FOOD ANIMAL MEDICINE & SURGERY– (FAMS)

Faculty Participating in Teaching and Supervision: Drs. Nagy, Washburn, Schleining, MacKay, Romano, Residents, and Interns.

The Food Animal Medicine and Surgery rotation combines the disciplines of medicine and surgery using hospitalized and outpatient cases. During this rotation the student participates in the management of cases requiring primary, secondary, and tertiary care. Each student will have the opportunity to actively participate in diagnostic and surgical procedures.

Rounds to discuss clinical cases, and important topics and/or diseases are held daily to bi-weekly.

Objectives for Food Animal Medicine & Surgery and Field Services:

1. Each student should review notes/books on the following food animal areas:
 - a. Gastrointestinal diseases
 - b. Respiratory diseases
 - c. Reproductive diseases
 - d. Nutritional diseases/conditions
 - e. Parasite control
 - f. Animal husbandry

2. Student should become familiar with the following herd health procedures:
 - a. Brucellosis vaccinations
 - b. Pregnancy diagnosis in large, small ruminants and South American camelids
 - c. Breeding soundness evaluations
 - d. Deworming guidelines
 - e. Vaccinations programs
 - f. Biosecurity

3. Students should learn to safely handle and examine cattle, small ruminants, and South American camelids.

APPROVED OFF-SITE PRODUCTION ANIMAL ROTATION – (FAOFF)

Faculty Participating in Teaching and Supervision: Production Track faculty mentor

The purpose of the Approved Off-Site Production Animal Rotation is to support student immersion in a specific segment of the animal industry of interest. This rotation is specific to the production animal track and includes livestock (cattle and swine) and poultry interests. Examples include feedlot experience within a beef production emphasis track, immersion within a large dairy practice for a dairy production emphasis track, and swine health consultation experience for a swine production emphasis track. The student's faculty mentor should assist in selection of rotation locations. A list of curriculum committee approved rotation sites is available from Dr. Schleining, Dr. Mays and the VLCS Program Coordinator. This list is not all inclusive and other sites not on the list can be requested. VERO rotations qualify as approved off-site rotations. Housing availability will vary depending on the location of your rotation.

SMALL RUMINANT MEDICINE – (SMRUM)

Faculty Participating in Teaching and Supervision: Drs. Schleining and Washburn

The small ruminant rotation is intended for students to spend time in a practice in which small ruminants comprise a significant amount of the case load even if it only does so for certain seasons of the year. There are practices that do a fair amount of advanced reproductive techniques with small ruminants (lap. AI, AI) in addition to routine cases. The student should contact one of the food animal faculty members above for recommendations from an approved list of locations for this two-week rotation as soon as they know their schedule so they can coordinate their externship with the supervising practice and veterinarian. Some of the locations are within driving distance of College Station and others will require housing. Housing availability will vary depending on location.

VETERINARY DIAGNOSTIC IMAGING & ULTRASOUND – (IMAGE)

Faculty Participating in Teaching and Supervision: Drs. Gilmour, J. Griffin, Gremillion, Russell, Voges, and Residents

Goals:

Students on the required Diagnostic Imaging rotation will participate in the production and interpretation of radiographs in a variety of domestic and exotic species, depending on the clinical cases available. Students will also assist in ultrasound examinations of patients in the small animal hospital and will have opportunities to perform ultrasound examinations on non-client volunteer animals.

Mechanics of the Rotation:

Students on the required Diagnostic Imaging rotation will spend two weeks working with large and small animal patients on the radiology service and one week with small animal patients on the ultrasound service. While on the Diagnostic Imaging rotation, rounds will be held regularly Monday-Friday mornings.

Students on the ultrasound service will have opportunities for hands on ultrasound practice in the mornings.

Students will complete a number of assignments during their three weeks on the combined Diagnostic Imaging rotation which will cover technical aspects of small and large animal radiography and small animal ultrasound, as well as writing a radiographic report and a formal case presentation. Students will take scheduled examinations throughout the course of the rotation.

Students will have after-hours and weekend emergency on-call duty for the Diagnostic Imaging services during the course of the rotation.

Objectives - Required Rotation:

1. Learn and practice the techniques of veterinary diagnostic imaging in a variety of species under the supervision of imaging technologists and veterinary radiologists
2. Become familiar with the use of various X-ray and ultrasound machines
3. Learn to make and evaluate high quality radiographs and learn the basics principles of performing an abdominal ultrasound examination
4. Improve skills in interpretation of radiographs and ultrasound examinations
5. Become more familiar with special radiographic procedures (contrast examinations)

VETERINARY RADIOLOGY – (RADEL)

Faculty Participating in Teaching and Supervision: Drs. Gilmour, Gremillion, J. Griffin, Russell, Voges and Residents

Two-week elective rotation with the choice to spend the rotation in either large or small animal radiology.

This course emphasizes image interpretation in which students spend their time shadowing the radiology faculty and residents, with some self-directed study activities.

This course can be either before or after the core Diagnostic Imaging Rotation for the student.

TEXAS DEPARTMENT OF CRIMINAL JUSTICE – (TDCJ)

Faculty Participating in Teaching and Supervision: Dr. Eric Kneese

Goals:

Students participating in the prison system rotation will have the opportunity for exposure to and participation in a high-volume, multi-species practice environment. This consists of modern husbandry activities in beef cattle, equine (reproduction and working animals), swine, poultry, and canine. The student will have opportunities to deal with animal production and animal health in these populations. Activities commonly fluctuate between individual patients and the population, with the individual animal potentially serving as a sentinel of a syndrome threatening the large production populace. The rotation is typical of a mixed animal practice and offers extensive hands-on-experience.

Mechanics of the Rotation:

Activities in this rotation are variable and are tied to disease problems, management, and seasonal activities. Students will spend time at various prison units depending on workload, seasonal patterns, weather, etc. Activities at prisons are usually serviced on day-to-day field trips leaving the veterinary college in the early morning and returning in the late afternoon. Overnight stay is sometimes necessary, especially during seasonal cattle work (palpations for pregnancy determination). Housing arrangements are usually provided.

Objectives:

1. Familiarization with modern animal production techniques. These will include breeding, housing, and nutritional management.
2. Evaluation of management techniques as they relate to animal health objectives.
3. Practice of the principles and techniques of disease diagnosis, prevention, and treatment.
4. Participation in the development, delivery, and execution of management plans for the health care operation.
5. Practical experiences in pregnancy diagnosis, breeding soundness examinations and routine preventative health care maintenance.
6. Practical experiences in canine and equine dentistry.

VERO Rural Mixed Animal Practice Rotation (VERO)

Faculty Participating in Teaching and Supervision: VERO Clinical Faculty

The Rural Mixed Animal Practice Rotation (RMAP) is offered 3 times per year, two late spring and one mid-spring in the Panhandle of Texas. The RMAP Rotation is a two-week rotation that focuses on providing veterinary services to a rural community.

The typical schedule is influenced by the time of the year that you take the rotation.

We have three practices that are our educational partners:

Dimmitt Animal Clinic, Dimmitt, Texas

Carson County Veterinary Clinic, Panhandle, Texas

Hi-Plains Animal Hospital, Borger, Texas

Typical week in these practices is a combination of wellness care, surgery and sick animal care in large and small animals. We usually leave Canyon at 6:30 am and arrive back in Canyon at 6:30 PM.

The schedule differs depending on location but a typical day would be surgery in the morning, wellness and sick animal care throughout the day. The typical student will perform approximately 20 surgeries on this rotation. Every student is rotated through each of these practice partners throughout the rotation.

The successful student will:

- demonstrate entry-level knowledge of preventive/wellness for common domestic species (e.g., dogs, cats, horses, cattle, small ruminants and swine)
- use history and physical examination findings to develop appropriate differential diagnoses and diagnostic tests for common veterinary problems.
- accurately interpret clinical diagnostic tests for common veterinary problems.
- create thorough and complete treatment plans for multi-species patients.
- demonstrate knowledge of animal husbandry and welfare principles in case management.
- perform appropriate and consistent patient monitoring and proactively addresses changing patient status and/or developing complications.
- demonstrate appropriate animal handling and restraint that maximizes patient and handler safety.
- perform efficient, thorough, and accurate physical exams.
- demonstrate appropriate technique for common procedures and diagnostic sampling (e.g., venipuncture, medication administration, bandaging, IV catheterization, sedation, vaccination, etc.).
- demonstrate entry-level surgical skill with competence (i.e., asepsis, surgical preparation, surgical procedures, etc.).
- competently perform entry-level anesthetic procedures including induction, monitoring, and post-operative pain management.
- perform appropriate and consistent patient monitoring and proactively addresses changing patient status and/or developing complications.
- complete accurate, well-written, and timely case summaries and regulatory documents.

We work with a variety of small animal clients, producers, livestock handlers, veterinarians and the WT community on this rotation and professionalism is highly valued on this rotation.

VERO Feedlot Rotation (VFEEED)

Faculty Participating in Teaching and Supervision: VERO Clinical Faculty

Week 1

Monday: Travel day, check-in to dorms

Tuesday:

Morning – Introduction lecture to Secure Beef Supply (SBS) Planning
(<https://securebeef.org/>)

Afternoon – Begin creating SBS plan for assigned feedlot

Wednesday:

Morning – Feedlot visit to assigned SBS plan yards

Afternoon – Finish SBS plans and prepare for plan presentations

Thursday:

Morning – help with treatments at WT Research Feedlot
discuss/utilize bovine respiratory disease diagnostic technologies
discuss/practice field necropsies

Afternoon – present SBS plans to feedlot personnel and Texas Cattle Feeders Association representatives

Friday:

Morning – Beef Quality Assurance certification with injection site lesion demonstration

Afternoon – discuss growth promoting implant utilization. Practice implant technique on cadaver ears

Week 2

Monday:

Morning – Quien Sabe Feeders tour
Approximately 60,000 head beef and dairy/beef feedlot
Specializing in dairy/beef development

Afternoon – Discuss rounds topic of students' choice (see list on next page)

Tuesday:

Morning – Wrangler Feedyard tour with Dr. Guy Ellis (on-staff vet for Cactus Feeders)
Approximately 55,000 head beef and dairy/beef research feedlot

A part of Cactus Feeders, the second largest cattle feeding operation in the US

Afternoon – Discuss rounds topic of students' choice (see list on next page)

Wednesday:

Morning – Yard visit to Bezner Beef
Approximately 17,000 head beef and dairy/beef feedlot
Dr. Funk is the consulting veterinarian

Afternoon – Processing cattle at Bezner Beef

Thursday:

Morning – Caviness Beef Packers tour

Afternoon – Discuss rounds topic of students' choice (see list on next page)

Friday:

Morning – Hartley Feeders tour with Dr. Isaac Hardee (on-staff vet for 5-Rivers Cattle)

Approximately 70,000 head beef feedlot

A part of 5-Rivers Cattle Feeding, the largest cattle feeding operation in the US

Afternoon – Discuss rounds topic of students' choice (see list below)

Rounds Topics for students to choose from:

Antibiotics and usage in a feedlot setting

Processing products and processing protocol creation

Health records analysis

Necropsy cases

Population medicine cases

Bovine respiratory disease diagnostics

Feedlot nutrition

Other pertinent topics related to feedlot production

VERO Cow-Calf Rotation (CCPALP & CCFERT)

Faculty Participating in Teaching and Supervision: VERO Clinical Faculty

The VERO Cow/Calf Rotation is offered 3 times per year, two in the fall and one in the spring in the Panhandle of Texas. The Cow/Calf Rotation is a two-week rotation that focuses on service to the cow/calf sector of the beef cattle industry.

The typical schedule is influenced by the time of the year that you take the rotation.

Typical schedule is 5 to 6 days of reproductive evaluation (palpation and/or bull fertility testing), 1 day slaughter checks, 2 days of feedlot education, 1 day auction sale. The schedule allows great discussion on cow/calf industry, nutrition and data management.

The successful student will

- demonstrate entry-level knowledge of preventive/wellness for beef cattle
- use history and physical examination findings to develop appropriate differential diagnoses and diagnostic tests for common problems.
- demonstrate appropriate animal handling and restraint that maximizes patient and handler safety.
- demonstrate appropriate technique in rectal palpation to accurately determine the days of pregnancy in beef cattle.
- use and interpret ultrasound findings to determine pregnancy status.
- accurately enters herd records.

We work with a variety of producers, livestock handlers, veterinarians and the WT community on this rotation and professionalism is highly valued on this rotation.

VERO Dairy Rotation (VDAIRY)

Faculty Participating in Teaching and Supervision: VERO Clinical Faculty

Most days consist of one or multiple farm visits; we generally leave VERO somewhere between 6-8 AM but this will vary based on the targeted facility. Dairy farms in the Panhandle are progressive and modern, and mostly family-owned. The average dairy houses approximately 4,000 lactating cows although significantly larger farms are not uncommon. Both conventional and organic milk production is practiced under a variety of management systems. Farm visits provide an overall view of dairy production as well as a targeted look at a specific management focus for that day/facility. Visits are designed to showcase different production systems and aspects of the industry, including heifer raising, milk processing, milk quality, and organic production.

Students will generally return to VERO in early to mid-afternoon and will then participate in a hands-on lab or rounds discussion at VERO. Some days, students will be on visits the whole day. Participation in rounds discussions is also expected during travel to and from farm visits. Specific topics for labs and rounds can be tailored to the interests of the students but will generally focus on the major issues in dairy health as outlined below.

Additionally, students will usually spend at least a few days of the rotation at a local dairy practice – this will usually involve large herd checks (palpations) starting early in the morning followed by whatever else the practitioner is doing that day.

Students are usually assigned a herd scenario case at the onset of the rotation that they will need to research and work through and then present their advice and suggestions at the end of the two-week block. Additional opportunities for palpation practice are usually provided during the rotation.

Focus of farm visits and discussions: Body condition scoring, Heifer raising and management, Housing styles, Milking parlor procedures, Nutrition, Organic production systems, Processing, Waste management

VERO Labs (suggested): Case work-ups, Dystocia management and fetotomies, Foot trimming, Necropsy, Nutrition analysis (shaker box); Palpation simulators, Records analysis (DC305)

Rounds discussion topics (suggested): Abomasal displacement/Laparotomy, Antibiotic choices, Hypocalcemia, Ketosis, Mastitis, Neonatal diarrhea

Example Rotation Schedule (Exact details are highly variable but fit the general pattern outlined below)

Monday: Travel Day

Tuesday: AM: Introduction, Understanding the lactation curve, Review of the BV Physical Exam

PM: Farm Visit

Wednesday: AM: Farm Visit

PM: VERO Lab

Thursday: AM: Farm Visit

PM: Farm Visit

Friday AM: Farm Visit
 PM: VERO Lab

Monday: AM: Farm Visit/Palpation
 PM: VERO Lab

Tuesday: Work with local dairy practitioner

Wednesday Work with local dairy practitioner

Thursday: AM: Farm Visit
 PM: VERO Lab

Friday: AM: Case Presentations
 PM: VERO Lab/Wrap-up

VETERINARY EMERGENCY MANAGEMENT – (VET)

Faculty instructors: Dr. Deb Zoran, Dr. Norberto Espitia, Dr. Wesley Bissett

Emergency Preparedness and Response

The Veterinary Emergency Management rotation was initiated with the 2012-13 academic year and was designed to introduce students to future essential roles in preparedness and response for their practice and community as leaders and veterinary medical responders during times of disasters or significant events which involve the need for evacuation, sheltering or veterinary medical care of animals. The over-arching objectives of the rotation are as follows:

- Prepare veterinary medical school graduates to assume leadership roles in emergency preparedness and response at the local, regional, state, and federal levels of government.
- Prepare veterinary medical graduates pursuing an industry-based career to assume leadership roles in emergency preparedness and response for the industries they serve.
- Prepare veterinary medical school graduates to participate with the Texas A&M Veterinary Emergency Team.

The educational method utilized to instruct students in emergency preparedness and response is based on students assuming the role of veterinarians in a predefined Texas county. Students are provided guidance lectures and materials and templates for creating functional annexes (tactical guidance) to the animal issues plan required by each county. These include the following:

- Personal preparedness plan
- Practice preparedness and continuity of operations plan
- Field triage and the veterinarian's role in animal rescue
- Emergency veterinary medical operations
- Emergency animal sheltering
- Carcass disposal
- Safety

The skillsets required to develop the plans and then put them into operation are diverse. They include but are not limited to the following:

- Risk communications
- Understanding of risk analysis and intelligence gathering for a county or region
- Field triage of multiple animal species
- Veterinary medical triage (more advanced triage of animals at a base of operations or shelter)
- Development of bio-security sensitive floor-plans for animal sheltering
- Team management and communication within ICS system
- Psychological first-aid
- Conflict resolution
- Situational awareness
- Care of working canines (and horses) that are deployed in a disaster

The depth and breadth of emergency preparedness and response material presented during this two-week rotation is aggressive, but is truly one place where leadership, self and team management, communication, life-long learning, and service are intertwined to help prepare them for their future roles as veterinarians.

Other Services

CLINICAL DIAGNOSTICS – (DIAG)

Faculty participating in teaching and supervision: Drs. Anderson, Arenas, Bryan, Lawhon, Porter, Rech, Rogovskyy, Verocai, Ms. Douglas, Ms. Cass, and Residents

COURSE DESCRIPTION:

- 1) Students will spend each morning learning and reviewing a variety of aspects of diagnostic medicine. The following topics can be expected.
 - a. In the clinical pathology segment, students will evaluate slides and laboratory data from clinical cases and present these cases to their classmates. Resulting discussions will provide general and in-depth reviews of clinical hematology, cytology, urinalysis, clinical chemistry, and coagulation during the course of the rotation.
 - b. In the microbiology segment of the rotation, students discuss laboratory procedures in clinical bacteriology. Students will be required to present and defend bacteriology cases to classmates. Students will also receive a review of sample submission requirements and antimicrobial susceptibility testing/therapy for common infectious diseases.
 - c. In the sanitation and disease prevention segment, students will discuss infectious organisms, transmission, zoonoses, and prevention strategies. Strategies include hand hygiene, disinfection, personal protective equipment, and isolation
 - d. In the parasitology segment of the rotation, students will review basic knowledge of animal parasites and will utilize that knowledge to solve clinical problems with emphasis on diagnostic testing, prevention, treatment, and control.
 - e. Students will gain a greater understanding of the state veterinary diagnostic laboratory support system that is available to private practitioners in Texas through a visit to the Texas Veterinary Medical Diagnostic Laboratory.
- 2) Students will spend each afternoon in the necropsy laboratory developing diagnostic skills and learning standard necropsy techniques including postmortem dissection and cytological analysis of tissues. Students will also learn the techniques of proper postmortem sample collection. Emphasis will be placed on interpretation of gross tissue lesions, the preparation of professional descriptions of tissues/lesions and the presentation of written and oral reports to colleagues. Application of clinical correlates and interpretation of clinical pathology will be essential.

COURSE OBJECTIVES:

Review the major concepts of clinical pathology, parasitology, microbiology, and other diagnostic modalities that were presented in years one through three in the curriculum and what has been learned about clinical medicine in the intervening months in order to:

1. Integrate your pre-clinical and clinical learning in order to fully evaluate diagnostic data from cases.
2. Identify any areas of deficiency in their basic knowledge of diagnostic medicine and to give

opportunities to correct these deficiencies.

3. Study glass microscope slides so as to be more able to recognize normal and abnormal findings.

Evaluate clinical case materials in order to:

- Improve knowledge regarding various laboratory procedures in addition to enhancing the ability to select appropriate diagnostic procedures.
- Provide practice in the interpretation of the results of such procedures.
- Evaluate hematologic and cytology specimens in order to differentiate basic disease processes and recognize key morphologic changes.
- Practice the basic technique of an animal necropsy, recognize gross disease changes and patterns in organs and tissues, and differentiate lesions from artifacts.
- Master tissue sampling techniques for light microscopy, microbiologic culture, toxicologic, and cytologic analysis.
- Gain an appreciation of zoonotic, public health, and legal issues related to a postmortem examination and necropsy report preparation.

HOUSTON SPCA – (HSPCA)

Faculty participating in teaching and supervision: Drs. Cornell and Westbrook

COURSE DESCRIPTION: Students will participate in all aspects of animal evaluation, care, and treatment for two weeks at the Houston Society for the Prevention of Cruelty to Animals. The Houston SPCA provides the most comprehensive range of animal adoption, shelter, rescue, rehabilitation, and other programs and services in the Gulf Coast area. During this rotation, students will gain broad exposure to a variety of cases and experiences, including surgery, triage, intake, primary care, cruelty investigations, and forensics. Besides dogs and cats, the Houston SPCA serves horses, farm animals, exotics, and native wildlife. Students will be expected to learn about the different conditions, diseases, disorders, injuries, and treatment needs that affect these diverse species. In addition, students will be introduced to emergency response and high-volume animal rescue operations and gain experience in managing a high-volume caseload in a high-quality manner.

COURSE OBJECTIVES: While at the Houston SPCA, students will accomplish the following objectives.

1. Actively participate in primary care, intake, and triage functions of the shelter.
2. Actively participate in diagnostic and therapeutic planning and implementation for cases.
3. Perform appropriate surgeries as primary surgeon (OHE, neuter, wound repair).
4. Assist in selected surgeries (amputation, FHO).
5. Provide assistance in responding to animal cruelty cases, injured animal rescue, and caring for abused and injured animals, as well as forensic aspects of the Houston SPCA operation.
6. Gain a better understanding of animal population management in a high volume, high density, short stay environment (vaccination protocols, sanitation/disinfection protocols, population segregation policies, development of SOPs for a variety of shelter operations).
7. Develop an understanding of the service role of community non-profit shelters.
8. Participate as appropriate in response and emergency operations.

LABORATORY ANIMAL MEDICINE – (LABAN)*
*special permission required as part of alternative track

Faculty Participating in Teaching and Supervision: Dr. Tracy Vemulapalli

Goal:

The goal of this rotation is to acquaint the student with what is involved in a career in Laboratory Animal Medicine and provide hands on experience in the day-to-day operations of an animal care program accredited by the Association for the Assessment and Accreditation of Laboratory Animal Care, International. (AAALAC).

Mechanics of the Rotation:

Students will work with the staff of the Comparative Medicine Program, the Veterinary Medical Park and by special arrangement with other Laboratory Animal Facilities throughout the state of Texas. Where possible students will be allowed to pursue their special interests associated with the field. Students will be exposed to clinical laboratory animal medicine, research surgery, facility management, research protocol review and the functioning of the Institutional Animal Care and Use Committee (IACUC). Some examples of areas of emphasis include:

1. Rodent handling and anesthesia workshop
2. Rabbit handling and anesthesia
3. Facilities design
4. Biosecurity/surveillance programs
5. Equipment overview (i.e.: cage wash, rack wash, cage types, change stations)
6. Biosafety levels discussion and management
7. Various species used and unique housing and handling requirements
8. IACUC functions and regulatory overview

*Students electing to participate in this rotation need to contact one month prior to the start of the rotation. Dr. T Vemulapalli: (979) 458-1774 and/or tvemulapalli@cvm.tamu.edu

ALTERNATIVE TRACK ROTATION – (ALT)*
*for alternative track students only

Varies based on approved alternative track. Applications due December 2021.

Food Animal Diagnostic Laboratory (TVMDL) – (FADL)*

***for production track students only**

Faculty Participating in Teaching and Supervision: Dr. Guy Sheppard and Dr. Terry Hensley

Professional Programs Office Contacts: Dr. Glennon Mays and Laura Beach

Mechanics of the Rotation:

Students will attend rotation at Texas A&M Veterinary Medical Diagnostic Laboratory (TVMDL) in College Station.

Course Objectives:

By the end of this two-week rotation, you will have mastered the following outcomes. We have illustrated for you how this set of knowledge and skills helps you to achieve competency in the new graduate outcomes for the veterinary program

1. For any given clinical scenario, students should be able to develop a logical and cost-effective diagnosis plan for both necropsy and non-necropsy submissions.
2. Students should be able to make an appropriate diagnostic test plan, be proficient at interpreting lab results, and explain how test results impact the next steps for diagnosing, treating, and/or preventing disease.
3. Students can identify a zoonotic threat, explain the implications of laboratory results for zoonotic diseases, and be able to communicate instructions for biosafety, disease prevention, and biosecurity to clients.
4. Students are able to concisely and effectively communicate with both clients and laboratory personnel, using written and verbal skills.
5. Students should be able to identify and navigate reliable sources of new information about diagnostic testing (i.e., journals, websites, meetings, associations, etc.)
6. Students are able to identify disease of regulatory importance and describe correct reporting procedures (i.e., to TAHC, DSHS, etc.)
7. Students are able to identify foreign animal diseases and describe proper disease investigation procedures.
8. Students are able to correctly identify which tests are required for an export certificate based on the country they are exporting the animal to.

Clinical Externship

Clinical Externship - VMID 980

All students are required to do a Clinical Externship that is an off-campus educational experience at a veterinary practice, zoo, other veterinary college, academic institution, research facility, laboratory animal facility, government agency, industrial operation, corporate agribusiness, feedlot operation, or other acceptable location. **Four-week clinical externships may be spent in one location or may be divided into two two-week experiences at different locations.** It cannot be divided into two one-week rotations. **Students will be evaluated at each externship location.**

The arrangements for an externship are to be made between the student and the practitioner or person in charge at the externship location. Any financial arrangements will be determined between the student and the externship party (preceptor) prior to the start of the externship. The College has no official position on this matter, but does encourage that consideration be given to help the student with living expenses while off campus. **A list of externship opportunities is available for student reference and is located on the CVM Job Board (<https://apps.cvm.tamu.edu/jobs>).** Students are also encouraged to consult with faculty about externship opportunities and their quality.

The required insurance (liability, accident, etc.) will be the responsibility of the veterinarian if the student does not have adequate coverage. Texas A&M University does not have a legal liability for students employed by or working under the supervision of a practicing veterinarian whether they are in an externship program or acting totally independent of Texas A&M University.

The veterinary practitioner is fully responsible for the acts of his employees which he assigns to them in carrying out his practice of veterinary medicine. There is a rider that can be attached to most malpractice insurance policies for a very nominal amount that will provide protection for the student and the practitioner.

For students and practitioners participating in an externship, it is suggested that both parties review the Veterinary Practice Act and Rules of Professional Conduct for the state in which the experience occurs. These should be followed carefully in order to protect both parties involved.

Although there is no formal approval process required for Clinical Externships, students will receive a link to a form at the beginning of their clinical year. The form indicating where they will be and how they can be contacted **must be completed before** leaving for the externship.

A database of externship opportunities is maintained on the CVM Job Board online (<https://vetmed.tamu.edu/jobs/>).

THE STUDENT'S (PRECEPTEE) RESPONSIBILITY

1. The duties of the preceptee shall be set by the veterinarian (preceptor) with due consideration for the State Practice Act.
2. The preceptee should at no time present himself/herself as a graduate, licensed veterinarian by use of the title of "Doctor" nor should he or she permit the preceptor to use this title when introducing the preceptee.
3. The duty hours of the preceptee shall be prearranged by mutual agreement between the preceptee and preceptor.
4. The preceptee should maintain contact with patients and should perform routine hospital and laboratory work as needed. The preceptee's experience should encompass all fields of professional activity in the practice or other type of externship.
5. The preceptee should be an assistant to the professional staff and should not be assigned housekeeping duties beyond those normally performed by the preceptor.
6. The preceptee shall have no primary responsibility for patients, but only assigned duties under the supervision of the preceptor or his/her associates.
7. The preceptor should be a DVM or equivalent, and not a relative of the preceptee. Likewise, the practice/location should not be owned by a relative of the preceptee.
8. The suggested length of a two-week externship is at least 10 days in length.
9. The preceptee is required to submit a case log of his or her educational experiences to the Professional Programs Office as instructed at orientation.
10. The externship may be terminated by the preceptee or the preceptor in the event of a personality conflict, health or other personal or ethical circumstances, when the preceptor and/or the preceptee determine that the experience is not meeting its defined objectives. The Program Manager or Associate Dean for Professional Programs should be contacted immediately if this situation arises.

THE VETERINARIAN'S (PRECEPTOR) RESPONSIBILITY

1. The preceptor should outline to the preceptee his/her proposed program of training.
2. The preceptor shall arrange the work of the preceptee in a manner that shall best fulfill the educational objectives of the program. He/She shall attempt to include all possible phases of the practice or other type of externship.
3. The preceptor shall assume the responsibility of an instructor, educator or researcher.
4. The preceptor should provide an example for, and demand of, the preceptee, professional behavior, personal neatness, sanitation and proper care of equipment.
5. The preceptor shall introduce the student (preceptee) as a 4th year student in the professional veterinary curriculum performing a required externship and should in no way imply that the student is a graduate and entitled to use the title "Doctor".
6. The preceptor should provide the student time to ask questions and discuss the various activities of the externship experience.
7. The preceptor will be asked by the College of Veterinary Medicine to complete an on-line evaluation form of the activities and achievements accomplished during the externship period. The preceptor will also be asked to discuss with the student his or her performance during and at the end of the externship and submit a pass or fail evaluation of the student's performance upon completion of the externship. The electronic link will be sent out from Professional Programs the first week of the rotation from dcvmprgs@cvm.tamu.edu. The student can provide an example evaluation prior to the official evaluation link being sent out.

Externship Database Access (CVM Job Board)

To access the new Externship database, go to <https://apps.cvm.tamu.edu/jobs>

1. The available jobs (including externships, internships, etc.) will appear on your screen. You can sort by position, location, etc. or type in the filter by box to filter for a specific job or location.
2. Click on a post to see the information about the position and clinic.

Forms and Policies

EXTERNSHIP INFORMATION SHEET

STUDENT'S NAME: _____

EXTERNSHIP INFORMATION:

Dates:

FROM: _____ TO: _____

Term(s): _____

PRACTICE NAME: _____

SUPERVISING VETERINARIAN: _____

(First & Last names please)

MAILING ADDRESS: _____

(PO Box if applicable)

City: _____ State: _____ Zip: _____

TELEPHONE NUMBER: _____

FAX NUMBER: _____

EMAIL ADDRESS: _____

WEBSITE (if applicable): _____

Name of classmate who will check your 4th year mailbox: _____

**ELECTRONIC EXTERNSHIP
REGISTRATION FORM WILL BE IN
MOODLE/CANVAS. MUST BE
COMPLETED PRIOR TO THE START OF
THE ROTATION.**



Default Question Block

Thank you for completing the student performance evaluation for VMID 980-Externship. The following are several questions with an open comment box at the end. Note: The student scores and the comment box - but not the DVM comment box - will be sent to the student.

If you need assistance regarding this evaluation, please contact Laura Beach, Program Manager, at lbeach@cvm.tamu.edu (979-845-5052).

Supervising Veterinarian (First Name Last Name)

Name of Student: First Name Last Name

Student Email (if known; otherwise leave blank)

Dates of Externship:

Beginning Date (mm/dd/yyyy)

End Date (mm/dd/yyyy)

EXTERNSHIP EVALUATIONS WILL BE SENT FROM THE PPO BASED OFF OF THE EXTERNSHIP REGISTRATION FORM.

How many days did the student work during the externship? (We suggest 10 days per two week rotation. The minimum requirement is 8 days in order for this to count as credit for the student).

TAMU- UIN (For CVM Office Use Only)

SECTION 1. PERSONAL CHARACTERISTICS

	Excellent	Very Good	Good	Fair	Poor	Not Applicable
Initiative	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Work Ethic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Judgment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communication Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reliability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dress and Deportment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ethical Conduct/Integrity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

SECTION 2. COMPREHENSIVE PATIENT DIAGNOSIS

	Excellent	Very Good	Good	Fair	Poor	Not Applicable
Problem-Solving Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Handle Animals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Qualtrics Survey Software

	Excellent	Very Good	Good	Fair	Poor	Not Applicable
Ability to Perform a Thorough Physical Examination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Complete a Problem-Oriented Medical Record	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Use Appropriate Clinical Laboratory Testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

SECTION 3. COMPREHENSIVE TREATMENT PLANNING

	Excellent	Very Good	Good	Fair	Poor	Not Applicable
Ability to Develop an Individual Animal Treatment Plan	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Develop a Health Plan for a Group or Herd of Animals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Administer Medications by a Variety of Routes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Choose, Calculate, and Administer IV Fluids	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding of Nutritional Needs and Appropriate Diets for Different Life Stages	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

SECTION 4. ANESTHESIA, PAIN MANAGEMENT, AND PATIENT WELFARE

	Excellent	Very Good	Good	Fair	Poor	Not Applicable
Ability to Develop an Anesthesia Plan for Sedation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Develop an Anesthetic Plan for General Anesthesia	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Develop a Protocol for Pain Management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding of the Veterinarian's Role in Animal Welfare Issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

SECTION 5. BASIC SURGERY SKILLS, EXPERIENCE, AND CASE MANAGEMENT

	Excellent	Very Good	Good	Fair	Poor	Not Applicable
Ability to Discuss the Post-Operative Plan for Patient	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Demonstrate Adequate Skill with Tissue-Handling During Day One Level Procedures (neuters, OHE, lacerations, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Level of Confidence with Surgical Skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

SECTION 6. BASIC MEDICINE SKILLS, EXPERIENCE, AND CASE MANAGEMENT

	Excellent	Very Good	Good	Fair	Poor	Not Applicable
Ability to Obtain a Complete History	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Properly Calculate Medication Doses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Properly Place an IV Catheter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Logically Work Through Medical Problems with Attention to Financial Implications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

SECTION 7. EMERGENCY AND INTENSIVE CASE MANAGEMENT

EXTERNSHIP EVALUATIONS WILL BE SENT FROM THE PRO BASED OFF OF THE EXTERNSHIP REGISTRATION FORM.

	Excellent	Very Good	Good	Fair	Poor	Not Applicable
Ability to Triage Emergency Patients	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Perform During an Emergency Situation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

SECTION 8. HEALTH PROMOTION, ZOOONOSIS, AND FOOD SAFETY

	Excellent	Very Good	Good	Fair	Poor	Not Applicable
Understand the Role of the Veterinarian in Zoonotic Disease Prevention and Recognition	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understand the Role of the Veterinarian in Food Safety	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Discuss and Properly Apply Vaccination Protocols	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Discuss and Properly Apply Parasite Prevention and Control	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Formulate an Overall Health Plan for Individual Animals or a Herd/Group	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

SECTION 9. COMMUNICATION

	Excellent	Very Good	Good	Fair	Poor	Not Applicable
Ability to Interact Appropriately with Veterinarian(s) and Staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Interact Appropriately with Clients	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Act and/or Lead as Part of a Team	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Provide Accurate Verbal Instructions to a Client	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to Provide Accurate Written Instructions to a Client	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Block 1

SECTION 10. SHORT ANSWER

What is your recommended grade for this student?

- Pass
- Fail

If you were about to employ an associate, would you consider employing this student?

- Yes
- No

Other comments:

Please select the option below to complete this submission.

I hereby affirm that I am the supervising veterinarian for the student named above, and my responses are valid and true.

Block 2

You have now completed the online externship evaluation. Please select the Submit button below to submit your responses.

Continuing Education Credit (CEU):

As a participant of CVM externship program, you are eligible to receive five (5) clock hours (0.5 CEU's) of continuing education credit. To apply for CEU credit please visit <http://vetmed.tamu.edu/cvm/ceusent/externship>

If there anything about the CVM program at TAMU, the externship program, or anything else you'd like to leave a comment concerning, please do so here.

EXTERNSHIP EVALUATIONS WILL BE SENT FROM THE PPO BASED OFF OF THE EXTERNSHIP REGISTRATION FORM.

CLINICAL GRADING POLICIES
College of Veterinary Medicine
Texas A&M University

- I. Each student's performance of assigned duties and demonstration of clinical competence will be evaluated and given a grade by the clinical faculty. The policies and standards are designed to evaluate the student concerning his/her development of the clinical skills and knowledge necessary to perform satisfactorily in all of the assigned and elective clinical rotations. Standards have been established to assist the students in their professional development and to inform them of the grading criteria prior to participation in a rotation.

- II. The standard for acceptable clinical performance by the student should be satisfactory progress toward entry level as a practicing veterinarian. Each clinician will decide on criteria and an acceptable level of performance in their clinical rotation. At the end of each clinical rotation a written numerical grade for the student's performance is to be filed with the Department Office. A numerical grade will be given for each rotation.

(A = 90-100; B = 80-89.9; C = 70-79.9; D = 65 - 69.99; F = below 65).

Each student must pass every clinical rotation (minimum grade of 65). Failure of a 2-week clinical rotation will result in a grade of "F" for that clinic course. The grade "I" (Incomplete) is not appropriate for those students who fail a clinical rotation. All "F" grades must be remediated during vacation or after graduation.

Under the guidelines of the current Professional Student Handbook, any student who accumulates two "F" grades, two "D" grades and one "F", or three "D" grades during the 4 years of the professional curriculum is subject to academic dismissal. For further information, please review the *Professional Student Handbook*.

"The Academic and Clinical Progress Committees will monitor students' academic progress and will forward this information to the Associate Dean for Professional Programs, who will transmit appropriate warnings or actions to the students." (*Professional Student Handbook*)

- III. Clinical rotation grading periods will be a minimum of 2 weeks in length. This will limit the number of clinicians with whom each student will have contact in the hospital. However, the advantages of patient and instructor continuity will greatly enhance the student's clinical education. It will also improve the instructor's basis for evaluation of the student.

- IV. A Clinical Progress Report form will be used to grade the student in the individual, clinical rotations. The Clinical Progress Report suggests criteria for clinical performance of the student. Not all of these areas are appropriate to each clinical rotation, and therefore, some may be of little significance in determining a student's grade. In certain clinical situations criteria other than those listed may be used by an instructor to evaluate a student's performance.

- V. A written clinical grade will be submitted at the end of each clinical rotation. Assuming that each rotation is 2 weeks in length, an interim (1 week) report is not necessary unless a student is deficient. If a student has a problem or deficiency that may result in failure, the student should be counseled by the clinician and an interim Clinical Progress Report filed with the Department Office and a copy given to the student.
- VI. Once a grade of "D" or "F" has been recorded, the procedures as outlined in the *Professional Student Handbook* will apply.

4VM Rotation Rubric

Below is an example 4VM rubric. Please note each rubric is made-up of three categories: Knowledge, Skills/Integrated Activities and Professionalism. The items inside each category is service specific, as is the number of points or weight of each item in a category. Each service will have their specific grading rubric and syllabus listed on their Moodle/Canvas page.

Rubric Grading

Performance in each of the three grading categories (Knowledge, Integrated skills, Professionalism) is averaged within each category (i.e., you receive a score for each category), and the average score of the three categories is used to calculate the final grade for the rotation. Average ratings of “rarely”, equate to a grade of D in the category. Average ratings of “almost never” equate to a grade of F for the category. Receipt of a grade of F for any of the three categories (Knowledge, Integrated Skills, or Professionalism) will result in failure of the rotation, regardless of your scores in the other two categories. Additional information about scoring will be available in Moodle/Canvas for each clinical rotation.



Primary Care Services Rotation 4VM Grading Rubric

Knowledge					
Student identifies all relevant problems and create thorough, prioritized assessments.	Almost Always	Usually	Sometimes	Rarely	Almost Never
Student creates a thorough treatment plan while taking into consideration client constraints.	Almost Always	Usually	Sometimes	Rarely	Almost Never
Student accurately interprets clinical laboratory test results.	Almost Always	Usually	Sometimes	Rarely	Almost Never
Student creates a thorough preventive care plan based on patient factors (e.g., life stage, species).	Almost Always	Usually	Sometimes	Rarely	Almost Never
Student creates an appropriate and thorough surgical plan for the patient including both the preoperative and operative periods.	Almost Always	Usually	Sometimes	Rarely	Almost Never

Primary Care Services Rotation 4VM Grading Rubric

Skills / Integrated Activities					
Student acquires a thorough and comprehensive history on all patients.	Almost Always	Usually	Sometimes	Rarely	Almost Never
Student performs a thorough and accurate PE on all patients.	Almost Always	Usually	Sometimes	Rarely	Almost Never
Student creates a concise, timely and thorough visit summary for all patients with minimal edits necessary.	Almost Always	Usually	Sometimes	Rarely	Almost Never
Student displays surgical dexterity with standard surgical and dental equipment while demonstrating appropriate usage of equipment in the patient (e.g. tissue handling).	Almost Always	Usually	Sometimes	Rarely	Almost Never
Student demonstrates of appropriate low stress restraint techniques for veterinary procedures (e.g. nail trims, vaccination, muzzling fractious patient, etc.).	Almost Always	Usually	Sometimes	Rarely	Almost Never

Primary Care Services Rotation 4VM Grading Rubric

Professionalism					
Student is a highly effective communicator to culturally and economically diverse audiences and provides clear, concise information to all clients without clinician clarification.	Almost Always	Usually	Sometimes	Rarely	Almost Never
Student demonstrates outstanding work ethic and volunteers to assist others.	Almost Always	Usually	Sometimes	Rarely	Almost Never
Student is organized and punctual; finds ways to improve efficiency within the team.	Almost Always	Usually	Sometimes	Rarely	Almost Never
Student maintains a positive attitude; works effectively with HOs, techs, and other students.	Almost Always	Usually	Sometimes	Rarely	Almost Never
Student is honest and ethical at all times; demonstrates a strong sense of personal responsibility.	Almost Always	Usually	Sometimes	Rarely	Almost Never

Rotation Make-up Policy

Make-up of a clinical rotation, required by a failing grade (F) cannot be done during official **University holiday periods**, or during the **Intersemester Break** period which generally includes three weeks before, during and after Christmas/New Year's holiday and one week during the Spring Break holiday. Because of the reduced number of cases seen during these time periods, the high demands on the time of the faculty scheduled for duty, and the caseload available for teaching these periods are not considered adequate for make-up work.

Vacation blocks, if still available to the student, may be used to make-up a failing grade if the requisite faculty member is available, and if scheduling the make-up student into a rotation will not exceed the maximum number of students allowed in a particular rotation.

If the student has already used his/her vacation block prior to receiving a failing grade, the only time available to make-up the failed rotation will be following graduation at the beginning of the next academic year. Make-up rotations will be scheduled as soon as possible after the beginning of the new academic year. (For further information, see the *Professional Student Handbook*).

Elective blocks represent credit hours required to complete the curriculum and cannot be used for make-up work or to remediate a failing grade.

- VII. During the fourth year of the professional curriculum, students are assigned on a rotational basis to the multiple clinical and diagnostic services of the Veterinary Medical Teaching Hospital. Emergency, after hour and intensive care services are offered to the public on a 24-hour basis, 7 days a week. Student assignments in the clinical rotations are very time-demanding. Students are required to spend time at night, weekends and holidays in the delivery of health care to clinical patients. Hospital operations function 7 days a week and students are held responsible for their assigned rotation and clinical patients regardless of the time and day of the week.

Emergency, after hour, ICU and Intersemester Break duties are considered class assignments. Each student will be held responsible for the times assigned. Failure to complete an assigned duty may, at the discretion of the instructor, result in a lowering of the rotation grade. Failure to perform satisfactorily while on duty may result in a lowering of the grade at the discretion of the assigned emergency clinician.

Students may exchange duties on a one for one basis, but may not opt out of assigned duties through cash payment and/or other means of compensation.

- VIII. The fourth year of the professional curriculum in veterinary medicine is a demanding year. It is also the culmination of the student's previous efforts in the curriculum and offers the potential for a very rewarding experience. The comprehensive grading standards as presented are designed to assist students toward the development of their fullest potential as they begin to apply the science and execute the art of veterinary medicine.

Professional Student Attendance Policy

The attendance policy for the professional students in the College of Veterinary Medicine will conform to the attendance policy published in *Texas A&M University Student Rules*. The fourth-year students, as assigned in published schedules, are expected to attend all rotations, emergency care and intensive care assignments, and to attend to all patient responsibilities. **During the intersemester assignments**, please be reminded that due of the nature of these assignments (half the number of students) **there are NO authorized absences granted during these periods**. Missing more than two days on any two-week rotation (excused or authorized) will require a make-up. (3 days on a 3 week rotation.) The length of the make-up is at the discretion of the service (number of days missed to repeating the whole rotation).

I. Excused Absence

Description: In accordance with university policy, excused absences are granted for the following:

- A. Illness too severe or contagious to attend class,
- B. Illness of a family member,
- C. Death or major illness in a student's immediate family,
- D. Participation in legal proceedings that require a student's presence,
- E. Participation in an activity appearing on the University Authorized Activity List,
- F. Required participation in military duties, and
- G. Religious holy day (requires advanced notice prior to the start of the semester, see *Texas A&M Student Rules* for procedure.

Procedure: For the excused absences described above, call/ email the Professional Programs office & senior clinician as soon as possible. Give the name of the rotation clinician so they may be notified as soon as possible of your absence.

NAVLE: Fourth-year students will be excused from rotations to take the North American Veterinary Licensing Exam (NAVLE), and the Texas State Board Licensing Examination.

II. Authorized Absence

A student may request up to **seven (7) authorized** absences per academic year (reasons other than those listed for excused absences) from a class by seeking the permission of the individual instructor(s) teaching on the days requested **10 days in advance of the day of requested absence and acquiring appropriate signatures on the authorized absence forms**. These forms must be filed in the Dean's Office by the student. If circumstances arise that require a student to need additional authorized days, the student will need to gain permission for additional day(s) from the Associate Dean for Professional Programs.

The instructor may refuse to permit an authorized absence. When an absence is authorized, the instructor must provide the student an opportunity to make up tests, assignments, and other work missed, or provide a satisfactory alternate. The student is responsible for all information or exercises that are missed during the absence and the CVM has no obligation to make any special provisions. The manner in which make-up work is administered remains the prerogative of the instructor. The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unauthorized absence.

A. Meetings:

Students desiring to attend a meeting or other recognized activity must file a V4 Absence Request. A record of the approved class absence request will be posted to the network under the menu titled "Fourth-Year

Absence List". An approved copy will be available for the student in the Office of the Associate Dean for Professional Programs; this office will keep a register of the number of days used by each student.

Annual TVMA Conference – All fourth-year students must work with their assigned clinical faculty for any release from their clinical responsibilities and patients which come first. Students who wish to attend TVMA committee meetings on Friday afternoon must request and receive an **Authorized Absence ten (10) days** in advance and be **pre-registered** for the meeting through the TVMA Office. Fourth-year students are not given an **Excused Absence** as is done for the Symposium in October and may only attend if they have an approved **Authorized Absence** and can work out the schedule with their assigned clinical faculty and rotation group of students for VMTH clinical services and assigned patients.

Southwest Veterinary Medical Symposium Annual Meeting - All 4th year students will be released. Dates and pertinent information will be released prior to the meeting. A completed V4 Absence Request form will be required **at least one (1) month** prior to the meeting.

III. Extended Absence.

Absence of a student, for any reason, for 30 or more consecutive calendar days or for 30 percent or more of any course, whichever is less, during any phase of the veterinary medical program will constitute withdrawal, and the student must petition for readmission into the veterinary medical program. Exceptions to this policy may be granted for fourth year students by the Associate Dean for Professional Programs.

Absence of less than 30 consecutive calendar days or of less than 30 percent of any course will be handled by the head of the department involved or the Associate Dean for Professional Programs in the case of VMID courses.

IV. Whenever a student is absent for unknown reasons for an extended period of time, the instructor should initiate a check with the Dean's Office on the welfare of the student.

Inclement Weather Class Schedule Policy

On those occasions that the University suspends classes because of inclement weather, the following will occur at the College of Veterinary Medicine:

1. All undergraduate Biomedical Science courses will be suspended.
2. All graduate courses will be suspended.
3. All VM1, VM2, VM3, classes will be suspended.
4. All VM4 students will report to their rotations, unless travel to the University is deemed hazardous.

4VM Clinical Assignments During a State Disaster

As a part of State and County Disaster Management planning, Brazos County has been designated as an evacuation site for several areas in Texas. In the event of a catastrophic disaster, it is anticipated that thousands of individuals would be evacuated to our area, and that a large number of these individuals would be evacuating with their pets. It is likely that the College of Veterinary Medicine and Biomedical Sciences will play a major role in caring for companion animals (dogs and cats) and large animal patients that are brought into our area and require veterinary assistance. In the event that the University remains open during an evacuation, 4VM students will continue on clinical duty, but they may be reassigned within the clinics to facilitate the triage and emergency treatment of animals requiring medical and surgical veterinary care. Throughout the evacuation period, students may be assigned to the Large Animal Hospital, Small Animal Hospital, or other local sites where animals are being assessed and cared for by University faculty.

4VM ABSENCE REQUEST FORM

No. rotation days missed

You must submit requests for authorized absences ten days prior of the first day of your absence.

Authorized **Excused** (call associate dean's office at 845-3878 or email fillip@cvm.tamu.edu to report excused absences) *Absences considered excused are: illness of the student or dependent family member, major illness in a student's immediate family, doctor's appointments of student, dependent, or immediate family member, death of family member, military duty, and required presence at legal proceedings. Excused absences *do not* count against your 7 authorized days. *See below if more than seven days are needed.

IMPORTANT! All Absences not listed as excused are counted as authorized absences. Each student is allowed up to 7 (seven) authorized absences per year, with the approval of the instructor of rotation during the days missed.

**All requests for additional authorized days should be submitted to the Associate Dean for Professional Programs, Office of the Dean, and will be considered for approval on a case by case basis.*

Absence Information

Student Name:		Student ID:					
Rotation Name/Number:							
Dates Missed:	Day:	Date:	Time:	THRU	Day:	Date:	Time:
No. of Rotation Days/hours Missed:			Reason for Absence:				
City, State:							
<u>Student Signature:</u>				<u>Date:</u>			

Approvals

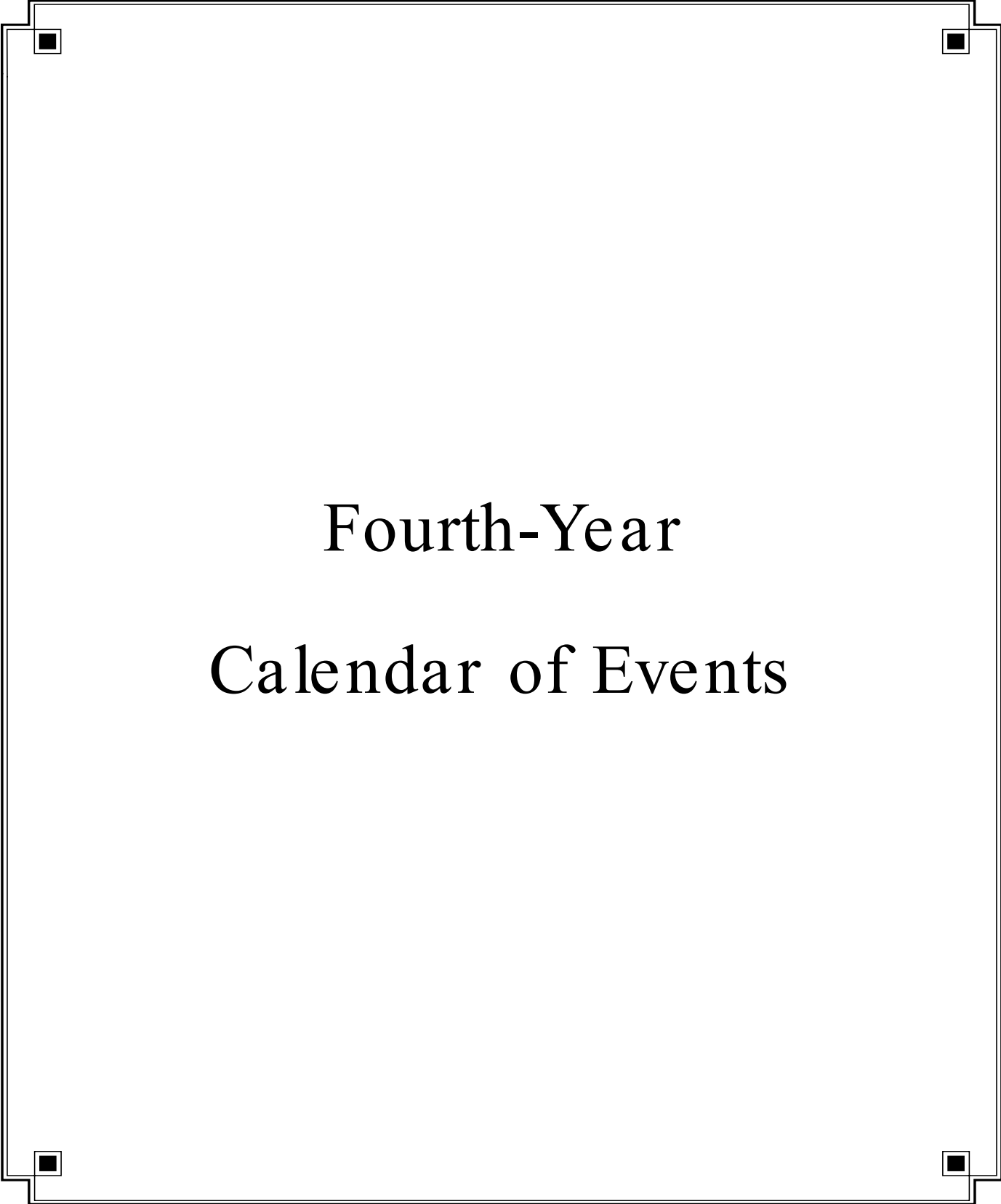
Departmental Coordinating Authorities	
<ul style="list-style-type: none"> Large Animal, SA & LA Radiology & COMCON Small Animal and LA & SA Anesthesiology VTPB 940 Diagnostics form 	Jennifer Wilson (VLCS) Salena Scott (VSCS) Dr. Laura Bryan (See Dr. Bryan for additional absence form required for VTPB 940)
Approved	DCA Signature:
Rejected	DCA Signature:
Comments:	

APPROVAL OF INSTRUCTOR/CLINICIAN DURING DAYS MISSED

*Return to DCA after gaining approval from Instructor

Print Clinician/Instructor Name	Signature of Approval	Course Name	Date
Print Clinician/Instructor Name	Signature of Approval	Course Name	Date

Completed Form Returned (date and initials): _____



Fourth-Year Calendar of Events

**College of Veterinary Medicine, Texas A&M University
2022-2023 Block and Clinical Term Schedule (22V) 202241**

All clinical terms, except diagnostic imaging, anesthesia and primary care, are 2 weeks long and begin and end at 8:00 a.m. on a Monday.

BLOCK 1	Clinical term 1: Clinical term 2:	May 9- May 23, 2022 May 23 - June 6
BLOCK 2	Clinical term 3: Clinical term 4:	June 6 - June 20 June 20 – July 4
BLOCK 3	Clinical term 5: Clinical term 6:	July 4 - July 18 July 18 –August 1
BLOCK 4	Clinical term 7: Clinical term 8:	August 1 - August 15 August 15 - August 29
BLOCK 5	Clinical term 9: Clinical term 10:	August 29 - September 12 September 12 - September 26
BLOCK 6	Clinical term 11: Clinical term 12:	September 26 - October 10 October 10 - October 24
BLOCK 7	Clinical term 13: Clinical term 14:	October 24 – November 7 November 7 - November 21
BLOCK 8	Clinical term 15: Clinical term 16:	November 21 – December 5 December 5 - December 19
INTERSEMESTER GROUPS:		
GROUP A - Monday, December 19, 2022		
GROUP B - Monday, December 26, 2022		
GROUP C - Monday, January 2, 2023		
BLOCK 9	Clinical term 17: Clinical term 18:	January 9 - January 23, 2023 January 23 - February 6
BLOCK 10	Clinical term 19: Clinical term 20:	February 6 - February 20 February 20 - March 6
BLOCK 11	Clinical term 21:	March 6 - March 13 (week 1 of Clinical term 21)
GROUP D - Monday, March 13, 2023		
		March 20 - March 27 (week 2 of clinical term 21)
	Clinical term 22:	March 27 - April 10
BLOCK 12	Clinical term 23: Clinical term 24:	April 10 - April 24 April 24- May 8, 2023

Graduation Date: Wednesday, May 10, 2023 (Tentative)

2022-2023 INTERSEMESTER BREAK SCHEDULE

Hospital services operate continuously throughout the year with clinical training being an ongoing process. Students will be randomly placed in 2 of 4 equal groups (A, B, C, D) and will be assigned to the Large Animal Clinic or the Small Animal Clinic. Each intersemester group will start and end at 8:00 a.m. on a Monday. **Students will have until Friday, October 1, 2022 to request changes.**

The break periods occur during the Christmas/New Year's Holiday and Spring Break.

GROUP A	December 19, 2022 through December 26, 2022
GROUP B	December 26, 2022 through January 2, 2023
GROUP C	January 2, 2023 through January 9, 2023
GROUP D	March 13, 2023 through March 20, 2023

DRAFT

Fourth-Year Financial Aid

There are some differences in the distribution of financial aid during the fourth year. To assist you in budgeting, the following information is provided.

1. There will be little or no time for outside employment. We strongly advise that you make a budget and plan your borrowing accordingly.
2. There will be extra expenses associated with the NAVLE and State Board examinations (approximately ~\$1,250).
3. There may also be extra expenses associated with travel to externships, interviews or to sit for other state board exams. (Keep receipts; they may be needed at a later date.)
4. For 2021-2022 academic year, the cost of attendance (tuition, fees, books & supplies, room & board, transportation, and personal expenses) for the 12-month year resident is estimated at \$53,984 and non-resident is estimated at \$71,643.
5. Billing and Financial Aid disbursements for 4th year students are made **2 times**:
May: First half unsubsidized Guaranteed Student Loan (GSL), Stafford Loan
First half of any grants (TPEG), scholarships, and/or Perkins are credited to your account.

November: Second half unsubsidized GSL (Stafford Loan),
Second half of any grants (TPEG), scholarships and/or Perkins are credited to your account.

Notes of Interest:

- Remember that all professional students are automatically classified as independent. If you want to be considered for Health Profession Student Loans, or Loans to Disadvantaged Students, * you must submit parent data regardless of your independent status.
- The annual limit on Unsubsidized loans is budget. The Unsubsidized loan is not a need based loan, BUT CAUTION IS ADVISED. On this loan, interest is capitalized while you are in school (this means each month the interest is added to the principle and it balloons). Do whatever you can to pay the interest when due.
- Borrowing for education is nearly a necessity for professional students; but controlling the borrowing and budgeting is the key. For example, the monthly payment on \$10,000 (8% interest for a payoff in 10 years) is \$122.00. The monthly payment on a \$30,000 debt is \$364.00. The monthly payment on a \$40,000 debt is \$486.00.
- As of 2020, the average debt of our graduating students is \$90,425.

*These loan programs are distributed based upon need -- the federal need formula considers parental income, number of siblings or parents in college, and other factors. These are generally 5% loans.

CAUTION! CAUTION! CAUTION!

Remember to budget for*:

Externship - travel, living expenses - this will vary. Keep receipts, they may be necessary later.

Interviews - travel - might be out of state so will vary

Graduation - cap/gown, invitations ~\$100 - will vary depending on number of invitations

Photographs - composites - sitting fee + any pictures ordered

Parking - (August) ~\$349 - excess will be refunded after graduation *if requested*.

Boards - NAVLE & State Boards - ~\$1,250 + more if testing in another state

*These are estimated prices.

Contacts regarding Scholarships and Financial Aid

- CVMBS Scholarship Coordinator: Jamie Kearney (jkearney@cvm.tamu.edu)
- Financial Aid Advisor for the DVM program: Andrea Patterson (andrea_patterson@exchange.tamu.edu)

A person is standing on a rocky mountain peak, facing away from the camera with their arms raised in a 'V' shape, signifying triumph or accomplishment. The background shows a vast, rugged mountain range under a clear blue sky with some light clouds. The overall scene is bright and inspiring.

4VM

Orientation

April 12, 2022

Questions you might have...

- Where do I go?
- What do I do?
- What should I wear?
- How long will I be there?
- Is there emergency duty?

Each rotation is different.
Canvas Class of 2023
Module has links to
information on each
service.

Absences

Absences are essentially the same...

- **Excused** – death in the family, etc.
 - Email absences@cvm.tamu.edu (PPO contact) **and** the senior clinician on the rotation
 - Copy Salena Scott (VSCS) or Jennifer Wilson (VLCS) on the email
 - Must complete absence request form
- **Authorized** – Job interviews, conferences, wedding etc.
 - Allowed 7 per year
 - Complete the Absence Request Form, obtain clinician signature, and submit to Salena Scott (VSCS & ANES), Jennifer Wilson (VLCS & RAD), Dr. Laura Bryan (DIAG) and Drs Roberta Westbrook & Karen Cornell (HSPCA)
- 2 days maximum per (2 week) rotation or make-up will be required.

Make-up Rotations

If you miss more than 2 days on a 2-week rotation (equivalent for rotations of varied lengths), a make-up is required. This applies to both excused and authorized absences.

Intersemester weeks and SAER do not allow absences

Rotation Make-ups (Rotation or Intersemester)

- During vacation rotation, if available
- After your last clinical rotation.

-Make-ups cannot be completed while you are scheduled for another rotation.

-Keep this in mind when you start to schedule moving/start of a job, etc. You will need to wait until you have your state license before you can start your job.

Rotations/Schedules – Basic Info

- All of you should have checked your scheduled against any commitments (scholarships, etc.) to ensure it is correct.
- This also goes for intersemester assignments if you need a swap but haven't submitted a request yet. Hospital assignments will be released in May.

Rotations – Beginning & End Times

- Most TAMU rotations end at 8 AM the morning of rotation change

- This means you must

Be proactive!

Communicate effectively and in writing.

- What does this mean for starting externships?

- You must have permission of the faculty in advance **and** arrange to have your treatments covered by a classmate

Know your responsibilities on each rotation

- If a specific duty is missed (e.g., treatment shifts, emergency duty shift, etc.), it must be repeated on a 2:1 basis and may result in a decreased letter grade

Things we need to know to assure your safety

- If you are immunocompromised
- If you are pregnant
- Anything else that may impact your ability to be in specific settings, etc.



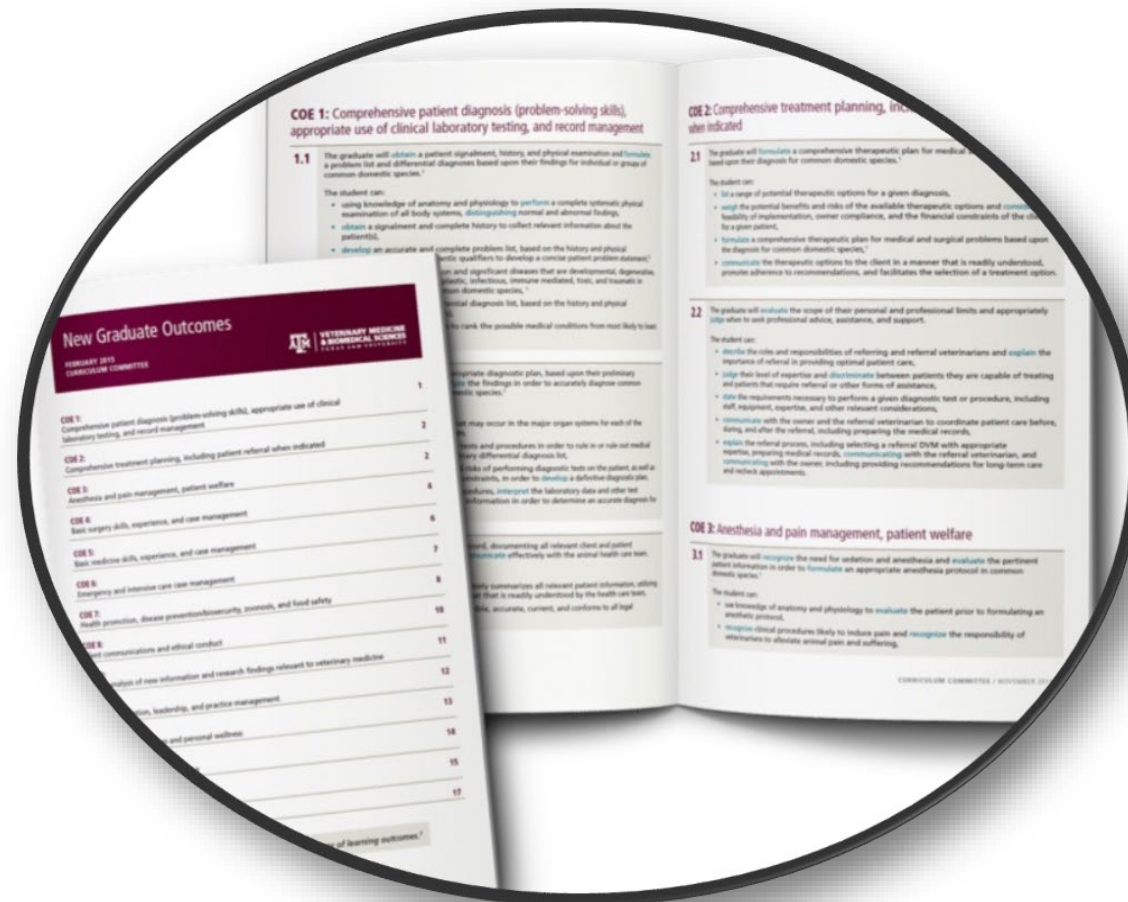
Attire

- Professional:
 - Scrubs
 - Small animal – something your mother would approve of if she drove 4 hours to see a specialist
 - Large animal – jeans and a green jacket for most in-house rotations & coveralls
 - See rotation syllabus for specifics



4VM Student Assessment

How will you be graded during your clinical rotations?



4th year clinical grading

- My CVM grading program
- Clinical rotations use rubrics for grading your performance
 - Three main categories-
 1. Knowledge
 2. Skills/ Integrated Activities
 3. Professionalism
- Grade is the average of 3 categories except if fail one category = fail rotation
- Course materials for each service will be in Moodle under the Class of 2023 page

Knowledge						
Problem List	Student identifies all relevant problems in a livestock patient and reports signs consistent with zoonotic or contagious implications when applicable.	Almost Always	Usually	Sometimes	Rarely	Almost Never
Differential Diagnoses / Diagnostic Tests	Student uses history and physical examination findings to develop appropriate differential diagnoses and diagnostic tests for common food animal conditions.	Almost Always	Usually	Sometimes	Rarely	Almost Never

Skills / Integrated Activities						
Animal Handling / Restraint	Student demonstrates appropriate livestock animal handling and restraint that maximizes patient and handler safety.	Almost Always	Usually	Sometimes	Rarely	Almost Never
Physical Exam	Student performs a complete and thorough physical exam and accurately interprets findings.	Almost Always	Usually	Sometimes	Rarely	Almost Never

Professionalism						
Time Management	Student effectively accomplishes tasks in a clinical setting through demonstration of punctuality, initiative, efficiency, and work ethic.	Almost Always	Usually	Sometimes	Rarely	Almost Never
Communication	Student communicates effectively with members of the healthcare team and clientele.	Almost Always	Usually	Sometimes	Rarely	Almost Never

How will you receive your grades?

- My CVM page under Student Schedule
 - Will see all released letter grades. Can click on the letter grade to view the submitted evaluation and comments.
- Faculty grade due date is one week after the end of the rotation. Any questions regarding status of grade contact associated departmental coordinator or office.
- Students are required to complete an evaluation of faculty for each rotation. Once that has been completed the submitted rotation grade will be released. (Double blind evaluations on both sides)

My 4VM Rotation Schedule

CURRENT ROTATION



Grade

Intersemester Off

Jan 3, 2022 - Jan 9, 2022

Term: 2022V-35

PAST ROTATIONS

B

Grade

Primary Care Services

May 10, 2021 - Jun 6, 2021

Term: 2022V-1

Instructor Evals: Submitted 

B

Grade

Texas Department of Criminal Justice

Jun 7, 2021 - Jun 20, 2021

Term: 2022V-3

Instructor Evals: Submitted 

A

Grade

Houston SPCA

Jun 21, 2021 - Jul 4, 2021

Term: 2022V-4

Instructor Evals: Submitted 

A

Grade

Small Animal Soft Tissue Surgery

Jul 5, 2021 - Jul 18, 2021

Term: 2022V-5

Instructor Evals: Submitted 

B

Grade

Small Animal Cardiology

Jul 19, 2021 - Aug 1, 2021

Term: 2022V-6

Instructor Evals: Not Submitted 

My 4VM Rotation Schedule

CURRENT ROTATION

I

Grade

Equine Community Practice + Field Services

Aug 30, 2021 - Sep 12, 2021

Term: 2022V-9

PAST ROTATIONS

A

Grade

Small Animal Soft Tissue Surgery

May 10, 2021 - May 23, 2021

Term: 2022V-1

Instructor Evals: Submitted 


A

Grade

Small Animal Orthopedic Surgery

May 24, 2021 - Jun 6, 2021

Term: 2022V-2

Instructor Evals: Submitted 


I

Grade

Clinical Diagnostics

Jun 7, 2021 - Jun 20, 2021

Term: 2022V-3

Instructor Evals: Submitted 

A

Grade

Anesthesia

Jun 21, 2021 - Jul 11, 2021

Term: 2022V-3

Instructor Evals: Submitted 


I

Grade

Diagnostic Imaging

Jul 12, 2021 - Aug 1, 2021

Term: 2022V-4

Instructor Evals: Submitted 

A

Grade

Integrated Oncology Service

Aug 2, 2021 - Aug 15, 2021

Term: 2022V-7

Instructor Evals: Submitted 


A

Grade

Radiology Elective

Aug 16, 2021 - Aug 29, 2021

Term: 2022V-8

Instructor Evals: Not Submitted 

UPCOMING ROTATIONS

I

Grade

Dermatology

Sep 13, 2021 - Sep 28, 2021

Term: 2022V-10

Clinical Grading Scale

- The standard for acceptable clinical performance by the student should be satisfactory progress toward entry level as a practicing veterinarian. Each rotation has developed criteria and acceptable levels of performance in their clinical rotation. A passing grade must be attained for each category of the grading rubric (Knowledge, Integrated Skills, and Professionalism) in order to pass the rotation.
- The DVM grading scale:
(A = 90-100; B = 80-89.9; C = 70-79.9; D = 65 - 69.99; F = below 65).
- Each student must pass every clinical rotation (minimum grade of a D (65%)). Failure of a 2-week clinical rotation will result in a grade of "F" for that clinic course. The grade "I" (Incomplete) is not appropriate for those students who fail a clinical rotation. All "F" grades must be remediated during vacation or after graduation. Under the guidelines of the current Professional Student Handbook, any student who accumulates two "F" grades, two "D" grades and one "F", or three "D" grades during the 4 years of the professional curriculum is subject to academic dismissal.
- For further information, please review the Professional Student Handbook. "The Academic and Clinical Progress Committees will monitor students' academic progress and will forward this information to the Associate Dean for Professional Programs, who will transmit appropriate warnings or actions to the students."
(Professional Student Handbook)

Externships

1. You find externship locations and submit to your mentor for approval. (HireAggies website, recommendation, etc.)
2. After approval, fill out the externship registration form in Moodle. Must be completed prior to the start of the scheduled term.
3. We send the supervising DVM a link to your evaluation in an email. (The email is usually sent out at the end of the first week of the term. There is an example evaluation in Moodle.)
4. Once we receive your evaluation will be inputted into My CVM
5. If we don't receive your evaluation, we will send out another email to the clinic.

Externships

- Each externship rotation (2 week) has to be completed at **one** location.
- Both externship rotations can be taken at the same location
- Must be supervised by a DVM
- Should not be supervised by a relative or at a clinic owned by a relative
- Regular rotation rules required. Suggest minimum of 10 days but no less than 8 days to receive credit.

Information to keep in mind for the upcoming year

- Please complete the Howdy User Term Agreement **and** Location for Full Yr. Professional Term 2022 (202241) for 4VM registration
- Dosimetry Badges will be swapped out every quarter. Notified via email.
- NAVLE (Nov 1 to Dec 16)- Exam date will be assigned (Preference for which rotation will be sent out this summer via email)
- TX State Board Exam- Will apply in the spring via application on the TBVM website. Tentative Date is April 19.
- TAMU Official Name Changes- Need to be completed by end of February in order to be on your diploma. More information can be found on the Office of the Registrar's Website under Name Changes



Financial Aid Office

Andrea Patterson

Financial Aid Advisor

979.458.5367

andrea_patterson@tamu.edu



CVMBS Based Contact

Jamie Kearney

jkearney@cvm.tamu.edu

Keys for a Successful Year:

- Communicate!
- Be pro-active- Do not wait until the last minute
- If you are unsure about something, please ask!
- Bear with us with the new grading program and rotation changes that will hopefully be coming due to less COVID restrictions
- Please check your email regularly!
- Reference material and this recording will be in Moodle under 4VM Rotations & Externships and DVM Policy, Procedures & Forms





**Best wishes for
a successful clinical year!**

4VM Orientation Q&A



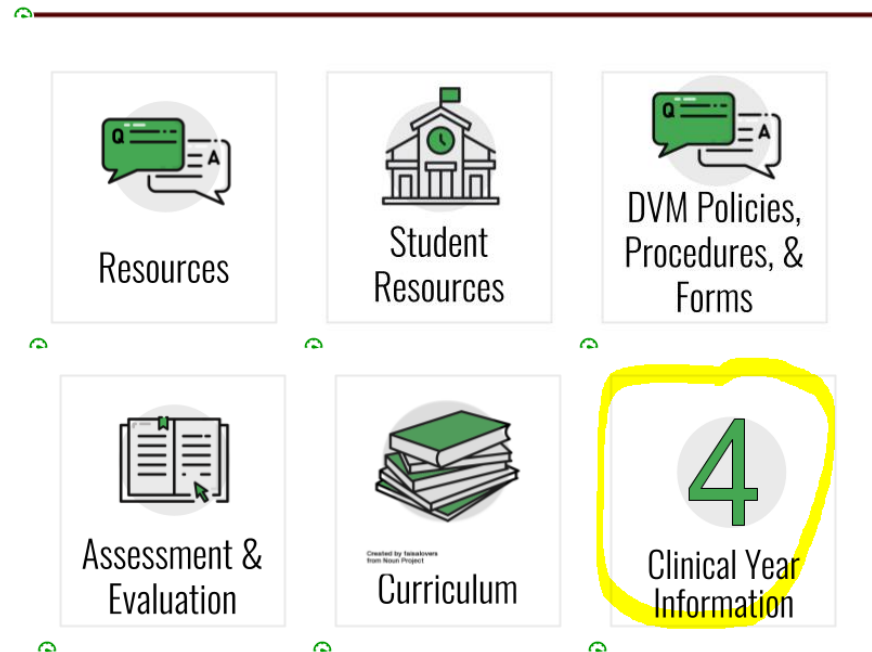
Reminder of Important Documents:

On Class of 2023 Canvas page- 4VM Rotation module

Please read/re-read:

- The 4VM policy & Procedure Guide
- The Curriculum Guide
- DVM student handbook.

Welcome back, Class of 2023!



Intersemester-

What are intersemester break rotations?

A seven day clinical rotation. Each student is randomly assigned to 2 intersemester week rotations. The 2 intersemester weeks you are not assigned to (intersemester off) are vacation weeks.

You will be assigned to a specific service or a combination service for each intersemester week by Jennifer Wilson and Salena Scott after the October 1 swap deadline. The way the services are run vary depending on the intersemester week. You will receive a graded evaluation for each intersemester week.



Financial Aid-

When will tuition be paid for 4VM?

On your Howdy Portal, financial aid for the fourth year will appear as one lump sum (usually divided between fall and spring). Although it won't appear on your Howdy Portal, your aid will be split equally between May & November. Think of your May disbursement as your fall semester and your November disbursement as your spring semester.

Fourth year students do not need summer financial aid since it's a twelve-month term.

Historically, tuition payments are due in June and January. Last year, funds were disbursed on May 1 & November 8. We should know the exact due date closer to the beginning of the fourth year.



Financial Aid-

Is tuition taken out of loans automatically (like normal) or is it due in August?

Tuition is taken out of student loans like normal (except in May & November) and if there is money left over, it will be disbursed at the same time.



Externships:

Do we need to send the clinician any forms to sign prior to the evaluation sheet that the school sends the clinician directly?

No, the only form we need from your supervising DVM is your evaluation. Reminder, there will be an example evaluation form available on Canvas shortly you can provide them with. Evaluations usually are sent out via email at the end of the 1st week of the rotation.

My first 2 rotations are externships, when will the externship forms become available?

Hopefully, very soon.



Logistics:

Are we assigned 1 locker somewhere over in the hospital area? Or will it change each rotation?

4VMs are not assigned one locker for the whole year. There are designated student lockers in each hospital you can use when assigned to a rotation in that hospital. There are also service rounds rooms with cubbies, etc. that can also be utilized for personal items.

Locks- You can utilize your own personal lock for 4VM lockers. Most student choose to do this. You can also check out a locker from the PPO, but it must be returned to cleared for graduation.

We hope to be able to label the 4VM lockers in each hospital this summer to make it clearer for all.

All 3VM lockers must be cleaned out prior to **Monday, May 9.**



NAVLE (ICVA):

NAVLE testing period: November 1 through December 16, 2022

Application period will open: early June

Application deadline: August 1

Website: www.icva.net/navle

The NAVLE can be taken at any Prometric testing center.

Closest one is at the TAMU General Services Center (GSC), but surrounding testing locations are in Austin, Houston and Waco.

The GSC is open Monday- Thursday for NAVLE testing. Other Prometric testing centers offer Friday and Saturday exam dates.



NAVLE

Order of Fall NAVLE Scheduling:

1. Laura will email you in May with NAVLE information and a link to request which term you would like to take it, and a preferred date, if you have one. Even if your preferred date and testing location are not in BCS or you are on a vacation rotation.
2. You will submit your NAVLE application when it becomes available in early June.
3. I will send out the date you should sign up to take the NAVLE (this will be your excused date).
4. You will receive a NAVLE testing permit (It has been on a rolling basis based on when your application was received.)
5. You will sign up with Prometrics for the date you were assigned to take the NAVLE.

The GSC has reserved the following dates for the NAVLE:

- November 1, 2, 3, 7, 8, 9, 10, 14, 21, 28, 29, 30
- December 1, 5, 6, 7, 8, 12, 13, 14, 15

If you need testing accommodations, you must request them and submit the appropriate documentation Directly to ICVA. TAMU testing accommodations do not apply to the NAVLE or any state board exam.





TEXAS A&M UNIVERSITY
Veterinary Medicine
& Biomedical Sciences

Large and Small Animal Clinical Sciences

Class of 2023

4VM Policy & Procedures Orientation



Salena Scott

sscott@cvm.tamu.edu

979-845-0341 | VSAH 2031.A

VSCS Program Coordinator of
Academic and Student Services for
Small Animal Clinical Sciences



Jennifer Wilson

jwilson@cvm.tamu.edu

979-845-9127 | LAH 205

VLCS Program Coordinator of
Academic and Student Services for
Large Animal Clinical Sciences



Small & Large Animal Clinical Sciences

Where Do I Find Clinical Rotation Information?

- 4VM Policies & Procedures Guide
 - Available on the Class of 2023 Canvas page in the 4th Year – Clinical Year Information Module
- Clinical Rotation Pages
 - Each service has a Moodle page that will be linked to your Class of 2023 Canvas page
 - If increased COVID modifications become necessary, updated information will be found on each service's page.
 - The structure of the rotations for individual services vary and may change throughout your clinical year.
 - Do not assume that a service will function the same way for every rotation throughout the year.



Clinical Calendar

What is a Term? Rotation? Block?

College of Veterinary Medicine, Texas A&M University 2022-2023 Block and Clinical Term Schedule (22V) 202241

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	Clinical term 22:	March 27 - April 10
BLOCK 12	Clinical term 23: Clinical term 24:	April 10 - April 24 April 24- May 8, 2023

Graduation Date: Wednesday, May 10, 2023 (Tentative)

BLOCK 1

Clinical term 1:

May 9- May 23, 2022

Clinical term 2:

May 23 - June 6

BLOCK 2

Clinical term 3:

June 6 - June 20

Clinical term 4:

June 20 - July 4

BLOCK 3

Clinical term 5:

July 4 - July 18

Clinical term 6:

July 18 -August 1

Block:

- 4 weeks
- Made up of 2 terms/rotations

Clinical Term/Term/Rotation:

- 2 weeks (can be 3 or 4)



ABSENCE Request Procedures

IF YOU ARE ABSENT, REGARDLESS OF THE REASON, YOU MUST SUBMIT THE 4VM ABSENCE REQUEST FORM

Exceptions:

- NAVLE in the Fall and Texas State Board in the Spring
- Travel day for an externship (You are allowed, but not required to use Monday as a travel day).
- If you miss a day, or part of a day, on Monday through Friday of a rotation, it is considered an absence and a form must be approved and submitted to either Salena (SA) or Jennifer (LA) for the time you are absent. You are allowed a maximum of 7 authorized absences for the year.
- If you miss more than the maximum allowed number of days per rotation you will have to make-up all or part of that rotation.
- Weekend absences should be reported, but do not count against your total absences.



ABSENCE Request Procedures

Absence Request Procedures

- Form is found on Canvas - DVM Student Policies, Procedures, & Forms

4VM ABSENCE REQUEST FORM No. rotation days missed

You must submit requests for authorized absences ten days prior of the first day of your absence.

Authorized *Excused (call associate dean's office at 845-3878 or email absences@cum.tamu.edu to report excused absences)
*Absences considered excused are: illness of the student or dependent family member, major illness in a student's immediate family, doctor's appointments of student, dependent, or immediate family member, death of family member, military duty, and required presence at legal proceedings. Excused absences do not count against your 7 authorized days. *See below if more than seven days are needed.

IMPORTANT! All Absences not listed as excused are counted as authorized absences. Each student is allowed up to **7 (seven) authorized absences per year, with the approval of the instructor of rotation during the days missed.**

*All requests for additional authorized days should be submitted to the Associate Dean for Professional Programs, Office of the Dean, and will be considered for approval on a case by case basis.

Absence Information							
Student Name:				Student ID:			
Rotation Name/Number:							
Dates Missed:	Day:	Date:	Time:	THRU	Day:	Date:	Time:
No. of Rotation Days/Hours Missed:		Reason for Absence:					
Location (City, State):							
Student Signature:						Date:	
Approvals							
Departmental Coordinating Authorities							
Large Animal Diagnostic Imaging (LA&SA), VET - Jennifer Wilson (Large Animal Administration)							
Small Animal and Anesthesiology (LA&SA) - Salena Scott (Small Animal Administration)							
Clinical Diagnostics - Dr. Laura Bryan (see Dr. Bryan for additional absence form required for VTPB 940)							
HSPCA - Dr. Karen Cornell (also communicate with Dr. Dev @ HSPCA)							
Approved DCA Signature:							
Rejected DCA Signature:							
Comments:							
APPROVAL OF INSTRUCTOR/CLINICIAN DURING DAYS MISSED							
<small>*Return to DCA after gaining approval from instructor</small>							
Print Clinician/Instructor Name	Signature of Approval	Course Name	Date				
Print Clinician/Instructor Name	Signature of Approval	Course Name	Date				

Completed Form Returned (date and initials): _____

Revised 3/30/21

1. Fill out the absence request form completely
2. Ask the senior clinician for approval & signature. Approval for authorized absences is at the discretion of the senior clinician.
 - If emailed, copy Jennifer Wilson(LA) or Salena Scott(SA)
3. Turn in the signed absence request form to Jennifer (LA) or Salena (SA).
 - THE FORM SPECIFIES THIS INFORMATION
4. We will sign, process, and send over to the PPO
 - You will be copied on this email.



4VM Absence Request Form

- For authorized or planned excused absences, request should be presented to the duty clinician and departmental coordinating authority at least **10 days before** the anticipated absence for approval and signature.
- Arrangements for alternate personnel must be made by the student and approved by the duty clinician to ensure that all clinical obligations are properly covered, including patient care.
- In the case of an illness or emergency, you will also need to contact the PPO to make them aware of your absence. Your form can be completed and submitted after you have returned to school, but you **MUST** submit a form.
- **NO ABSENCES ALLOWED** during Intersemester break
- There may be additional VLCS/VSCS specific procedures or policies related to absences.



Make-up Dates Due to Absences

MAXIMUM number of allowable days missed per rotation:

- 2 days per 2-week rotation
- 3 days per 3-week rotation
- 4 days per 4 -week rotation

This is the maximum number of days, regardless of the reason. Anything above this number will require a make-up.

Make-ups must be completed during your vacation rotation or after your clinical year ends (i.e., during Term 1 of the next clinical year if needed rotation is available).

Make-ups may be 1 for 1, or you may be required to make-up the entire rotation. This will be determined by the senior clinician.



Grades & Evaluations

Grades

The faculty will make every effort to complete the student grades by the end of the following rotation.

- If you have questions about:
 - The grade that was assigned - contact the senior clinician.
 - Your grade not posted for viewing - contact the department program coordinator (Jennifer or Salena)
- Grades will be available through MyCVM

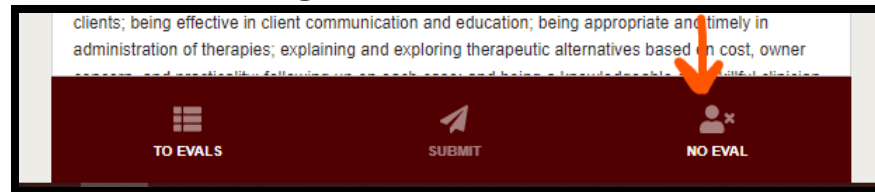


Grades & Evaluations

Evaluations

You will evaluate all the **Senior Clinician(s)** and **Resident(s)** on the service you are assigned.

- If you have an evaluation to complete but did not work with the clinician or resident, then select the button at the bottom of the page “NO EVAL”



- If the clinician or resident you worked with is not in your evaluations, contact Jennifer(LA) or Salena (SA).
- Complete **ALL** evaluations, so you will be able to receive your rotation grade.

Small & Large Animal Clinical Sciences

- Rotations begin at 8:00 am on the first day of assignment and terminate at 8:00 am of the day following the last assigned day.

Example:

Assignment (June 6 – June 20). Begins 8:00 am Monday, June 6 and terminates 8:00 am Monday June 20.

- Email is our primary form of communication for rotation information. You are responsible for checking your email daily (at minimum) for important information and updates.



Small & Large Animal Clinical Sciences

Student Responsibilities

- Clinical veterinary medicine **DOES NOT necessarily** start at 8:00 am or end at 5:00pm or get out early on Friday afternoon.
 - **Students are expected to provide, as needed, all the care that their cases demand.**
 - These assignments are part of the clinical duty, and you are expected to complete them all.
 - This includes intensive care cases.
 - It is important for students to clarify with your senior clinicians the expected start or finish times.





TEXAS A&M UNIVERSITY

Veterinary Medicine
& Biomedical Sciences

Small Animal Clinical Sciences

Salena Scott, Program Coordinator



Small Animal Clinical Rotations

- Anesthesiology (ANES)
- Anesthesiology Elective (ANESEL) – 2 weeks
- Cardiology (CARDIO)
- Critical Care Elective (CCEL)
- Dentistry (SADENT)
- Dermatology (DERM)
- Small Animal Emergency (SAER)
- Small Animal Internal Medicine (SAIM)
- Neurology (NEURO)
- Oncology/Onco Surgery (ONCO)
- Ophthalmology (OPHTH)
- Small Animal Orthopedic Surgery (SAORTHO)
- Primary Care (SAPC)
- Small Animal Soft Tissue Surgery (SASOFT)

Off-Campus

- Houston SPCA (HSPCA)*

*Absence forms are sent to Dr. Cornell & Dr. Westbrook for approval



Small Animal Clinical Rotations

- Anesthesiology – 3 weeks
- Small Animal Primary Care – 4 weeks
- All other SA rotations are 2 weeks



Small Animal Schedules

Salena will email out the Clinical Duty, Block, and Small Animal Emergency Schedules prior to the start of the rotation.

- Clinical Duty Schedule
 - Clinicians, Residents, & Interns on rotation
- Block Schedule
 - Students on rotation
- Emergency Duty Schedule
 - Students on SAER shifts (Day and Night)

You will receive rotation specific/orientation information from the SA service prior to the rotation start date. If you do not receive anything from the service by the Friday before the Monday start date, please email Salena



Small Animal Emergency Duty

- Small Animal Emergency (SAER) duty is a 14-day commitment
 - No weekend duties off
 - Shifts:
 - Daytime 6AM-6PM
 - Evening 4PM-4AM**
- **On Sunday evenings, the students will be released at 12AM, caseload allowing.



Scheduling of Small Animal Emergency Duty

- Students are assigned one week of day shift and one week of night shift duty
- Students are randomly assigned these shifts
- Days/Nights off during the week are dependent on the number of students on the rotation
- NOTE: Schedules are subject to change based on service needs.

Rotation # 8							
Week 1							
Shift	8/16/2021	8/17/2021	8/18/2021	8/19/2021	8/20/2021	8/21/2021	8/22/2021
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
6:00 AM	OFF	Wan, Shannon	Wan, Shannon	Wan, Shannon	Wan, Shannon	Wan, Shannon	Wan, Shannon
to	Chavarria, Jorge	OFF	Chavarria, Jorge	Chavarria, Jorge	Chavarria, Jorge	Chavarria, Jorge	Chavarria, Jorge
	Atkinson, Cody	Atkinson, Cody	OFF	Atkinson, Cody	Atkinson, Cody	Atkinson, Cody	Atkinson, Cody
	Gorski, Katrina	Gorski, Katrina	Gorski, Katrina	OFF	Gorski, Katrina	Gorski, Katrina	Gorski, Katrina
6:00 PM							
4:00 PM	Gourley, Taylor	Gourley, Taylor	Gourley, Taylor	Gourley, Taylor	OFF	Gourley, Taylor	Gourley, Taylor
to	Toppins, Abby	Toppins, Abby	Toppins, Abby	OFF	Toppins, Abby	Toppins, Abby	Toppins, Abby
	Faisal, Noor	Faisal, Noor	OFF	Faisal, Noor	Faisal, Noor	Faisal, Noor	Faisal, Noor
	Tucker, Orville	OFF	Tucker, Orville	Tucker, Orville	Tucker, Orville	Tucker, Orville	Tucker, Orville
4:00 AM	OFF	Blick, Anna	Blick, Anna	Blick, Anna	Blick, Anna	Blick, Anna	Blick, Anna

Week 2							
Shift	8/23/2021	8/24/2021	8/25/2021	8/26/2021	8/27/2021	8/28/2021	8/29/2021
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
6:00 AM	Gourley, Taylor	Gourley, Taylor	Gourley, Taylor	Gourley, Taylor	OFF	Gourley, Taylor	Gourley, Taylor
to	Toppins, Abby	Toppins, Abby	Toppins, Abby	OFF	Toppins, Abby	Toppins, Abby	Toppins, Abby
	Faisal, Noor	Faisal, Noor	OFF	Faisal, Noor	Faisal, Noor	Faisal, Noor	Faisal, Noor
	Tucker, Orville	OFF	Tucker, Orville	Tucker, Orville	Tucker, Orville	Tucker, Orville	Tucker, Orville
6:00 PM	OFF	Blick, Anna	Blick, Anna	Blick, Anna	Blick, Anna	Blick, Anna	Blick, Anna
4:00 PM	Wan, Shannon	Wan, Shannon	Wan, Shannon	OFF	Wan, Shannon	Wan, Shannon	Wan, Shannon
to	Chavarria, Jorge	Chavarria, Jorge	OFF	Chavarria, Jorge	Chavarria, Jorge	Chavarria, Jorge	Chavarria, Jorge
	Atkinson, Cody	OFF	Atkinson, Cody	Atkinson, Cody	Atkinson, Cody	Atkinson, Cody	Atkinson, Cody
	OFF	Gorski, Katrina	Gorski, Katrina	Gorski, Katrina	Gorski, Katrina	Gorski, Katrina	Gorski, Katrina
4:00 AM							



Small Animal Emergency Duty Assignment Responsibilities

**NO EXCUSED or AUTHORIZED ABSENCES during
SAER rotation**

- This means no vacation, personal, or professional days will be approved.

You alone will be held responsible for the time you are
assigned.

Failure to show up for an assigned time will result in your clinic grade for that rotation ***being lowered one letter grade, as well as any missed duties will be made up on a 2-for-1 basis.***



Small Animal Emergency Duty Operating Procedures

- Rotation specific information will be sent to you by the SAER service prior to your rotation start date
- Provide care for emergency cases received at the clinic during your shift until properly transferred
 - Continuing care after a shift ends remains the responsibility of the student **who received the case**, unless that case has been transferred properly.
 - If help with treatments is required in the ICU, the students will be expected to assist in ICU prior to leaving.

NOTE:

Emergency case care on animals may require the small animal emergency student to stay past the end of their scheduled shift (Day or Night). Always check with your senior clinicians before leaving.



Anesthesiology Rotation

- ANES is a 3-week rotation
- Prior to attending the Anesthesiology rotation
 - View the virtual tour and brief orientation on ANES Moodle page found under “Orientation Materials”
 - You are required to complete laser safety training and catheter lab training before attending
 - This information is available to you as soon as you start the clinical year on the Moodle page for Anesthesiology



ANES – Laser Safety Training

Laser safety training needs to be completed the Friday before you start the rotation

- Don't worry – this information will also be emailed to you the week prior to your rotation start; however, you can work on this before that time
- There is a lot of reading involved so it may be in your best interest to start this early
- You will receive a Certificate of Training when completed that you will send to the service the Friday before you start



ANES – Laser Safety Training (cont.)

- To access the Laser Safety Training
 - Go to: <https://ehsdtraining.tamu.edu>
 - Enter your NetID and password
 - Begin Session
 - Select “Laser Safety Training”
 - Once you pass your training, you will receive certificate via email



ANES – Lead Safety & Catheter Lab Training

- View the Cath Lab Lead Safety orientation video
- After viewing this video, review the Catheter Lab expectations and sign the form (a representative from the OR will contact you to request this signed form and/or you will be asked for it the first day of your rotation)

Texas A&M University VMTH Catheterization Lab Pre-Entry Expectations Acknowledgment Form

I _____ hereby, acknowledge that I have viewed the lead safety video and have read and understand the SA-OR Cath Lab expectations form. I now know how to remain safe from potential radiation exposure from Fluoroscopy procedures and how to properly conduct myself in the Cath Lab.

Signature: _____

Date: _____



Small Animal Dress Code

Dress code will comply with guidelines set by the Dean's Office.

- **Blue jeans are not considered appropriate dress for Small Animal Hospital.**
- **Hats should never be worn in the building or when seeing clients.**
- **See additional information on each rotation's syllabus about dress code**



Admission of Student-Owned Animals

- Hospital facilities are **NOT** to be used for personal benefit. This includes animal housing, clipping, bathing, drying, grooming, etc.
- Student-owned animals are to be admitted by **appointment only** and only **after proper forms** are completed.
- Contact the senior clinician with any questions on how a service accepts student-owned animals before bringing an animal to the hospital.
- If a student-owned animal is admitted on an emergency basis, standard emergency procedures will be followed.
 - The duty clinician will always be notified upon admission.
 - Emergency fees may be charged in these cases.





TEXAS A&M UNIVERSITY

Veterinary Medicine
& Biomedical Sciences

Large Animal Clinical Sciences

Jennifer Wilson, Program Coordinator



Large Animal Clinical Rotations

- Diagnostic Imaging (IMAGE)
- (3 weeks)
- Equine Community Practice/
Field Service (EQFSCP)
- Equine Internal Medicine
(EQIM)
- Equine Orthopedics
(EQORTHO)
- Equine Soft Tissue (EQSOFT)
- Equine Sports Medicine &
Imaging (EQSMI)
- Equine Theriogenology
(EQTHO)
- Food Animal Medicine and
Surgery (FAMS)
- Radiology 2 (RADEL)
- Texas Department of Criminal
Justice (TDCJ)
- Veterinary Medical Emergency
Management (VET)



Large Animal Clinical Rotations

VERO Rotations:

- Rural Practice (V-RURAL)
- Dairy (V-DAIRY)
- Feedlot (V-FEED)
- Cow/Calf (V-CCP)

Off-campus Rotations:

- Equine off-campus (EQOFF)
- Food Animal off – campus (FAOFF)
- Small Ruminant (SMRUM)

Clinician information for these rotations must be submitted to VLCS through the Clinician Information Form (link in Canvas)



VERO

VETERINARY EDUCATION,
RESEARCH, & OUTREACH



Large Animal After-Hours Emergency Duty

Ambulatory vs. Hospital After-Hours Emergency Duties

- Ambulatory
 - EQFSCP, EQTHO, and TDCJ
 - On-call shifts (must be able to be at hospital within 15 minutes)
- Hospital
 - EQIM, EQSMI, EQORTH, EQSOFT, and FAMS
 - 8:00 AM – 5:00 PM Shift (at the hospital) on weekends and holidays
 - 5:00 PM – 12:00 AM (at the hospital)
 - 12:00 AM- 8:00 AM (on-call)
- You can trade duties with another student on the same 2 week rotation schedule
- You can only be scheduled for 1 shift per day (including back-up shifts)
- It is your responsibility to check the Ambulatory/Hospital phone log by the 1st Monday at 5 PM
- There may be times when adjustments must be made to schedules due to unforeseen circumstances and we may have to ask for help. Please volunteer if you are able when these situations arise.



Large Animal After-Hours Emergency Duty

Distribution of Emergency Schedules and Service Specific Information

- Schedules will be posted on Moodle (linked through your Class of 2023 Canvas page) during the week prior to the start of the rotation.
- Review syllabus and orientation information carefully for each service before reaching out to your clinician with questions.
- Once the schedule has been posted and distributed, students are NOT allowed to change your schedule (switch services).

**This is new method of schedule distribution. Be aware that your Ross/SGU and Class of 2022 rotation mates will not be used to this.*



Ambulatory After-Hours Emergency Duty

Students are assigned duty in groups of 2. This is an "on call" assignment. **All students are to double check their phone number(s) with the Large Animal Admissions Desk at the start of the 2-week rotation.** If an ambulatory emergency occurs, the assigned students will be called and instructed when and where to meet. **Students must be able to be at the Large Animal Hospital within 15 minutes when called.** If 2 ambulatory emergencies happen at the same time, the Back-up students will be called. **Holidays & Weekends:** The 8:00am-5:00pm and 5:00pm-8:00am shifts will be the back-up for each other. Students may trade duty by drawing a line through their name and printing in the name of the student who will assume the duty. **However, students are NOT allowed to be on more than 1 shift per day (including the back-up shifts).** **The student originally assigned the duty is responsible to see that the substitute assumes the duty.**

May 7-14, 2018							
Shift	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8:00am to 5:00pm							
5:00pm to 8:00am							
Back-Up						X	

May 14-21, 2018				
Shift	Monday	Tuesday	Wednesday	Thursday
8:00am to 5:00pm				
5:00pm to 8:00am				
Back-Up				

Example of the Schedules

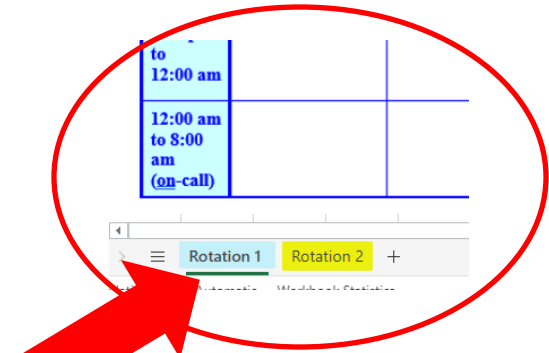
Rotation 1 May 7-21, 2018

Hospital After-Hours Emergency Duty

Each day starts at 8:00am and ends at 8:00am the next day (24 hours total). Students are assigned duty in groups of 2 and are to be present at the Large Animal Hospital at the time assigned, with the exception of the on-call shift from midnight to 8am. **Back-up Assignments:** The 5:00pm-12:00 am & 12:00 am-8:00am shifts will be the back-up for each other. **Holidays & Weekends:** The 12:00am-8:00am shift will also be the back-up for the 8:00am-5:00pm shift. **All students are to double check and update their phone number on the Telephone Log posted on the bulletin board in ICU.** Students may trade duty by drawing a line through their name and printing in the name of the student who will assume the duty. **The student originally assigned the duty is responsible to see that the substitute assumes the duty.**

May 7-14, 2018							
Shift	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8:00 am to 5:00 pm							
5:00 pm to 12:00 am							
12:00 am to 8:00 am (on-call)							

May 14-21, 2018							
Shift	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8:00 am to 5:00 pm							
5:00 pm to 12:00 am							
12:00 am to 8:00 am (on-call)							



Note: Schedules posted in Moodle will have more than one tab

Large Animal After-Hours Emergency Duty

Requesting Time Off From Emergency Duty

IMPORTANT!!!!!!

- An approved authorized or excused absence does **NOT** guarantee you time off from emergency duty or patient care.
- If you have a specific day or days you would prefer to not be scheduled on emergency duty, fill out the online form (link on Canvas) with the dates and reason. Depending on the schedule and number of students it may not be possible for me to accommodate all requests. Use this form to notify me of externship travel needs.
- If your request is not able to be accommodated, you may trade with another student on the same 2-week emergency schedule.



Large Animal After-Hours Emergency Duty

Procedure for Switching Emergency Duty

- Ambulatory

- Mark the change on the list in the binder at the front desk

Week of:	Week of:
Monday 5PM-8AM	Monday 5PM-8AM
1	1
2	2
Back-Up Students	Back-Up Students
1	1
2	2
Tuesday 5PM-8AM	Tuesday 5PM-8AM
1	1
2	2
Back-Up Students	Back-Up Students
1	1
2	2
Wednesday 5PM-8AM	Wednesday 5PM-8AM
1	1
2	2

- Hospital

- Mark the change on the schedule posted on the ICU bulletin board and notify Dr. Hardy of the change (jhardy@cvm.tamu.edu)

IF YOU TRADE DUTY WITH SOMEONE, YOU ARE ULTIMATELY RESPONSIBLE FOR MAKING THAT CHANGE ON THE SCHEDULE AND WILL BE HELD ACCOUNTABLE FOR ANY MISSED DUTY



Large Animal After-Hours Emergency Duty

Missed Duty or Unable to be Reached for Emergency Call

- Your rotation grade will be lowered by at least one letter grade
- The missed duty will be made up on a **2 for 1 basis** in a future rotation for either Hospital Emergency Duty or Ambulatory Emergency Duty
- If you do not have any other clinical terms in Large Animal, the make-up will be scheduled for the first clinical rotation of the next year
- A grade of “incomplete” will be given until successfully completed
- Ongoing issues will result in disciplinary action



Large Animal Clinical Sciences

Diagnostic Imaging

IMAGE

- Email with rotation information will come from me on the Friday before the rotation begins. Read carefully – instructions will be included
- Diagnostic Imaging has their own After-Hours Emergency Duty Schedule that covers both hospitals. Students will create it at the beginning of the rotation.
- 1 week in Large Animal Radiology
1 week in Small Animal Radiology
1 week in Ultrasound
- These assignments will be in the email you receive before the rotation starts and you CANNOT switch weeks.

Radiology Elective

RADEL

- Email with rotation information will come from me on the Friday before the rotation begins. Read carefully – instructions will be included



Large Animal Clinical Sciences

VERO Rotations

V-RURAL, V-DAIRY, V-FEED, V-CCP

- Emails will come from VERO and will contain information about housing, what you need to bring with you, etc.
- Syllabus and grading rubric can be found on Moodle

Veterinary Medical Emergency Management

VET

- Emails will come from Dr. Zoran or Dr. Bissett
- Syllabus and grading rubric can be found on Moodle



Large Animal Clinical Sciences

Dress Code for Large Animal Hospital

- Wear **clean, approved clinic apparel and safe footwear** whenever you are in the clinic. **This includes Saturday and Sunday.**
- Name tags must be worn at all times.
- Generally speaking, jeans and your green smock are appropriate for the Large Animal Hospital.
- Jeans should be non-distressed, even wash.
- Specific apparel required for each rotation may be found in the rotation syllabus.
- Will need 2 pairs of coveralls and rubber boots for FAMS and TDCJ

*** Keep in mind that if you are on-call you should have appropriate apparel with you wherever you are, including the hospital.



Large Animal Clinical Sciences

Texas Department of Criminal Justice

- Name Badges are NOT to be worn at any of the TDCJ prison units (this includes personal items such as stethoscopes)
- Must have a photo ID on your body at all times while in the units
- All personal items not required for patient care will be left in the trucks (cell phones, etc.)
- Use common sense around the inmates
- You need at least 2 pairs of coveralls/overalls
 - Appropriate attire under your coveralls/overalls (No yoga pants, shorts, tank tops etc.)



Large Animal Clinical Sciences

Off-Campus Rotations (EQOFF, FAOFF, SMRUM)

NOT THE SAME AS AN EXTERNSHIP – PROCEDURE AND GRADING IS DIFFERENT

- List of approved practices for EQOFF and FAOFF will be available on Canvas. If you choose a practice not listed, you will need to get approval by the curriculum committee.
- A lot of the practices take students from other universities so make your reservation early!
- Please contact the clinician at least 2 weeks in advance of when you start to touch base.
- Please fill out the online form (link on Canvas) so we know where to send your evaluation.



Large Animal Clinical Sciences

Special Opportunities

- For mixed and large animal tracking students to participate in palpations, castrations etc.
- You will receive an email when an opportunity arises
- You must complete an authorized absence form and have the approval of your assigned clinician
- The days will count against your 2-day absences per rotation and 7 allotted for the year.



Small & Large Animal Clinical Sciences

SPECIAL NOTE:

**FLOORING PROJECT IN LARGE ANIMAL
HOSPITAL MAY CONTINUE THROUGH
THE FIRST COUPLE ROTATIONS**



Small & Large Animal Clinical Sciences

Communication is KEY

If you have any questions during the year,
please ask.

We are here to help!





TEXAS A&M UNIVERSITY

Veterinary Medicine
& Biomedical Sciences

Have a great 4th Year!!

Thank you!!



4VM Student Requirements

Service	Required Dress Code	Required Materials/Instruments	Recommended Resources
Anesthesiology	Please wear clean surgical scrubs and an appropriate lab coat/jacket.	Bring a thermometer, pen, stethoscope, hemostats, bandage scissors, note pad, name badge, dosimeter (if you have one) and facemask. Everyone is required by the hospital to wear a mask while in the VMTH. Please be aware that anesthesia is a very busy service so a packed lunch/snacks is recommended. Please announce prior to start of rotation if you do not have a dosimeter badge and/or have not had radiology safety training.	
Clinical Diagnostics	Necropsy portion of this rotation will require: cloth or paper face masks (2 per day). Masks must be taken home daily for cleaning. Rubber boots (must be in good condition- no tears, holes, patched with tape, etc. no lace up boots). Scrubs will be provided for you. Clinical Pathology, Microbiology, and parasitology portions of this rotation will require: Closed toed shoes and preferably clothing that covers the lower leg. Students are to supply their own face masks. Face masks are REQUIRED!		1VM, 2VM, and 3VM course class notes and associated references.
Comparative Ophthalmology	Clean white jacket and name tag. Professional attire (business casual) or scrubs. An additional clean pair of scrubs should be available to change into when involved in surgical procedures. No jeans, open-toed shoes, shorts, or athletic wear.	20D condensing lens (TAMU students), stethoscope, thermometer, a pair of clean scrubs to change into as needed for surgical procedures, a clean white coat, a smartphone, a device to connect to Zoom.	
Cow/Calf	Clean coverall and boots will be required every day. A washer and dryer are provided at VERO to launder coveralls. Students will be working outside on a daily basis. The weather in the Texas panhandle can be extreme and unpredictable. Students should bring attire for both freezing/snowing conditions as well as extreme heat.	Students are expected to have a stethoscope and thermometer every day. Supplies for the day's activities (gloves, sleeves, etc.) will be provided.	
Diagnostic Imaging		Radiation Safety Training must be completed prior to enrollment in this clinical rotation!	Review diagnostic imaging material prior to and throughout this rotation (including your notes, textbooks, literature,...)
Diagnostic Imaging Elective		Radiation Safety Training must be completed prior to enrollment in this clinical rotation!	
Equine Field Practice + Community Practice	Professional attire (jeans or khakis are acceptable). Appropriate close-toed footwear for working around large animals. Coveralls, Green lab coat, Name badge, radiation badge.	Stethoscope, bandage scissors, thermometer, coveralls, green lab coat, radiation badge, name badge.	
Equine Internal Medicine	Students need to wear clean coveralls or smocks in clinic. Please always display name tag properly or have name visible at all times. We recommend wearing boots for foot protection.	You will need gloves, thermometer, stethoscope, pen light, hoof pick, and sometimes bandage scissors, hemostats, or a sharp. Carry a red-top test tube in pocket at all times to catch needed specimens (urine, feces, etc.)	
Equine Orthopedic Surgery	Scrubs with green coat	Thermometer, stethoscope, bandage scissors, green coat, extra pair of scrubs	
Equine Soft Tissue Surgery	Students should wear scrubs with their green coat	Thermometer, stethoscope, bandage scissors, green coat, extra pair of scrubs	
Equine Sports Medicine & Imaging	Clinical attire that maintains a professional appearance during whatever activities are necessary to provide patient care is a requirement of this rotation. You will be bending over frequently to work on horse's limbs and your attire needs to cover your front and back mid-riff at all times . Other apparel requirements for the lameness service: jeans or khaki pants (must cover your ankles, green coat, boots or leather shoes with grip soles, name tag.	Thermometer, stethoscope, pen light, hoof pick, bandage scissors	
Equine Theriogenology	Students need to wear clean coveralls. It is not necessary to wear the smocks because you will be doing a lot of palpation and should not get those dirty with manure. Please always display name tag properly or have name visible at all times, except when you are at the prison. We recommend wearing boots for foot protection.	You will need gloves, thermometer, stethoscope, pen light, hoof pick, and sometimes bandage scissors, hemostats, or a sharp. Carry a red-top test tube in pocket at all times to catch needed specimens (urine, feces, etc.)	
Food Animal Medicine & Surgery	Students should wear scrubs, coveralls, and rubber or leather boots that can be disinfected (rubber boots required for ambulatory calls). Students should also wear their radiology badge at all times.	Minimum 2 pairs of coveralls, minimum 1 pair of scrubs, thermometer, stethoscope, student radiology badge, an internet connection and personal computer for at home learning.	
Food Animal Small Ruminant Medicine			

Houston SPCA	A clean white coat is optional (bring a spare if you have one), Texas A&M Name badge, clean scrubs (NO jeans, shorts, or athletic wear in Small Animal Hospital. Jeans, cargo pants, or khakis can be worn on days assigned to Large Animal), closed toe shoes, face mask, NO facial piercings	Stethoscope, thermometer, pocket notebook, several pens, highlighter, permanent maker, cell phone (keep on vibrate!), extra pair of scrubs, calculator, pen light, watch	
Integrated Oncology Services			
Primary Care Services	Please dress in professional attire (no jeans, shorts, scrubs, or open-toed shoes) to meet and interact with clients. Bring clean scrubs to change into for surgery and dentistry! It is also acceptable to have scrubs to change into if your professional dress is soiled. A clean white lab coat with your name badge is also required as well as a thermometer, pen, stethoscope, and bandage scissors - you must provide and keep up with your own equipment. Please remember long fingernails and nail polish are not allowed for surgical days. Lastly, hats should not be worn in the building and are definitely not allowed for seeing clients.	Name badge, thermometer, pen, stethoscope, and bandage scissors	
Small Animal Cardiology	Dress in professional attire or scrubs with a clean lab coat and stethoscope	Have an extra set of scrubs and lab coat available	
Small Animal Critical Care	Scrubs and clean, white coat with name badge. Comfortable Shoes. No jeans, shorts, or athletic wear. No Open-toed shoes. No hats.	Stethoscope, thermometer, pocket note book, several pens, cell phone (Kept on vibrate when talking to clients!)	
Small Animal Dentistry	Scrubs, clean white lab coat	Name badge, Personal pocket hand sanitizer, Clean white lab coat, Thermometer, Calculator, Writing material/pocket notebook and/or electronic template, Blue/black pens	
Small Animal Dermatology	Professional attire, including clean and tidy scrubs, is a must for this rotation. Open-toed shoes, anything too revealing, shorts, and athletic wear are not acceptable in the Small Animal Hospital. Dark-colored, intact (no holes) jeans acceptable, although slacks/khakis are preferred. Comfortable shoes are highly recommended.	Name badge, Personal pocket hand sanitizer, Clean white lab coat for Small Animal Clinic (keep an extra coat readily accessible during the day), Green jackets for Large Animal Clinic, Stethoscope, Thermometer, Calculator, Writing material/pocket notebook and/or electronic template, Blue/black pens	
Small Animal Emergency	Scrubs and clean, white coat with name badge. Comfortable Shoes. No jeans, shorts, or athletic wear. No Open-toed shoes. No hats.	Stethoscope, thermometer, pocket note book, several pens, cell phone (Kept on vibrate when talking to clients!)	
Small Animal Internal Medicine	Smart street clothes or scrubs are fine. In general: No jeans, shorts or athletic wear. No open-toed shoes. No hats Always: Clean white coat (bring a spare if you can) Name badge	Stethoscope, Thermometer, Pocket note book, Several pens, highlighter and permanent marker, Cell phone (kept on vibrate when talking to clients!), Extra pair of scrubs	
Small Animal Neurology	Students appear clean and professional (no jeans, shorts, open-toed shoes, or hats), with a white lab coat, name tag and face mask. A pair of clean scrubs must be available to change into prior to entering the operating room (OR). Scrubs that are worn outside the building or that have not been protected by a lab coat should be changed before entering the OR.	Stethoscope, Thermometer, Pocket Notebook, Several pens, cell phone (kept on vibrate), extra pair of scrubs.	
Small Animal Orthopedics	Students appear clean and professional (no jeans or shorts), with a white lab coat. A pair of clean scrubs must be available to change into prior to entering the operating room (OR). Scrubs that are worn outside the building or that have not been protected by a lab coat should be changed before entering the OR.	Name badge, Clean white lab coat for (keep an extra coat readily accessible during the day), Stethoscope, Thermometer, Calculator, Writing material/pocket notebook and/or electronic template, Blue/black pens, bandage scissors, cell phone (keep on vibrate!), extra pair of scrubs. Long fingernails and nail polish not allowed on surgical days. Bring your lunch and snacks each day.	
Small Animal Soft Tissue Surgery	Students appear clean and professional (no jeans or shorts), with a white lab coat, name tag and face mask. A pair of clean scrubs must be available to change into prior to entering the operating room (OR). Scrubs that are worn outside the building or that have not been protected by a lab coat should be changed before entering the OR. Always have extra clean scrubs and lab coats available.	Be prepared to be here for long periods of time- bring food and beverages (label with your name and date- you may use the refrigerator/freezer and microwave)	
Texas Department of Criminal Justice	Students are to wear appropriate attire (no shorts, tank tops, or yoga pants, etc.) under coveralls that will allow the outer layer to be removed prior to entering the truck or restaurants. Students should bring with them 2 pairs of clean coveralls each day. Appropriate footwear for working with large animals and/or rubber boots are also required. Further TDCJ Guidelines: jewelry items on the facial area are prohibited for all (e.g., earrings or studs in the nose, tongue, or eyebrow), hair and fingernails shall be well-groomed, beards, mustaches, and/or sideburns shall be neatly trimmed and well-groomed, it is preferred that hair color be of natural shade, it is preferred that men not wear earrings of any kind.	Photo ID, Stethoscope, bandage scissors, pen light, thermometer, pen. Name badges are NOT to be worn at any of the prison units and you MUST carry a photo ID on you at all times! All cell phones, PDAs, and other electronic devices must be left in the truck while on prison grounds.	
TVMDL	Long pants and closed toe footwear are requirements for visiting TVMDL. We will provide lab coats, coveralls, rubber boots, and necropsy equipment for the students.		

VERO	You will need a clean green coat, coveralls and boots every day. Rubber boots are highly suggested. Laundry facilities are available through campus housing and/or the VERO facilities. Rotation activities will often occur outside. Please note that the weather in the Texas Panhandle is unpredictable and varies greatly; students should be prepared for both cold and heat extremes as well as strong winds.	Enthusiasm for, and engagement in, rotation activities, respect for practice owners, fellow students, support staff, and the greater WT community, stethoscope, thermometer. A list of needed supplies will be provided.	
Veterinary Medical Emergency Management	Professional dress is appropriate for the emergency preparedness portions of this course.	"Go-Bag" for students on the rotation that wish to deploy (list can be found on Moodle course page)	

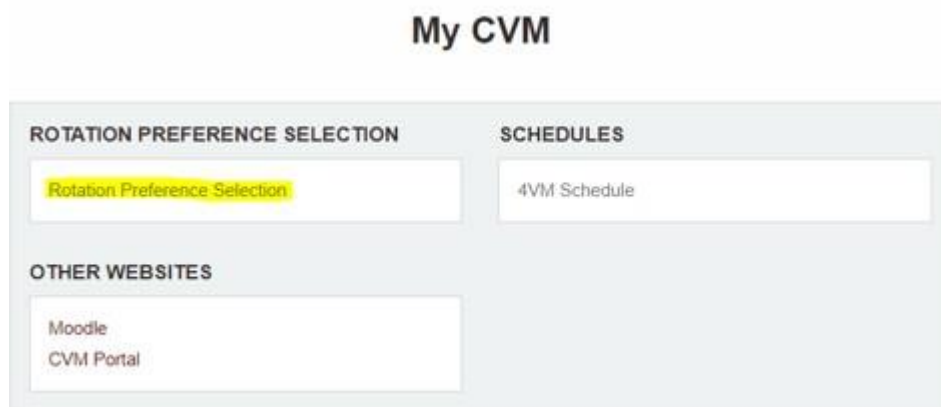
Required Item	When & Where to buy	Notes
White Coat	It is the student's responsibility to have their white coat before the start of any rotation that requires it. Instructions for ordering can be found below.	Length doesn't matter. Up to student discretion
Green Coat	It is the student's responsibility to have their green coat before the start of any rotation that requires it. Instructions for ordering can be found below.	Length doesn't matter. Up to student discretion
<p>Ordering White/Green Coat (2 options): <u>1-Custom Embroidering Option (only option for Green Coat) (\$36.50-\$38.50):</u> go to Professional Apparel website (www.professionalapparel.com), type in item #113W0 for women's or #11300 for men's (called "Men's/Women's Finest Doctors Coat"), select either "White" or "Black Forest" color options. THESE ARE THE ONLY TWO COLOR OPTIONS APPROVED. It is up to you whether or not you would like to get your name/vetsclepius emblem embroidered on the coat. Please note that we provide name tags you are required to wear at all times in the hospitals, so you might not want to spend the extra money on embroidering. <u>2-Option without Embroidering (cheaper, but only available in white) (\$24.95-\$35.99):</u> go to Landau website (www.landau.com), type in item #1140, choose the option to purchase online, a menu will pop up with various online stores. PLEASE NOTE: there are other color options when you click on the various online stores. Any color other than white is NOT APPROVED by the Professional Programs Office.</p>		

Instructions for Submitting your Track and Rotation Preference for 2022-2023

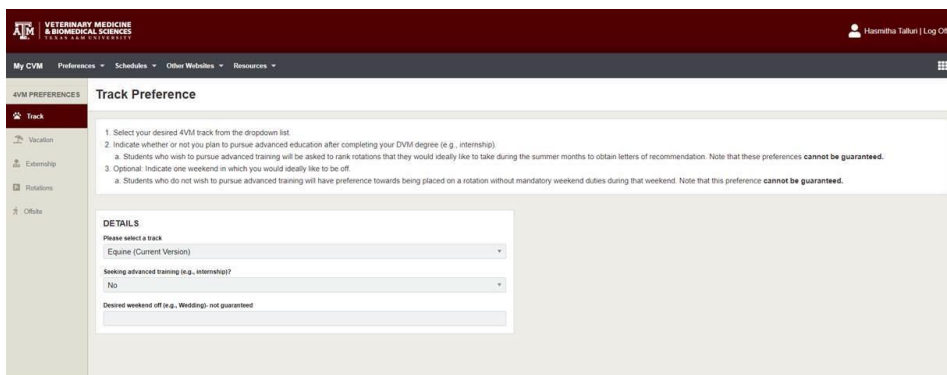
Input your track and clinical rotation preferences for your 4th year starting in May. The 4VM curriculum guide for 2022-2023 should be read to familiarize yourself with important information regarding your 4th year. The document includes course (rotation) descriptions, externship information, 4VM forms, important policies, and the clinical term schedule. The deadline to input your track and rotation preferences is **Friday, December 3rd**. You can change your preferences as many times as you would like within that window.

Directions:

1. Go to: apps.cvm.tamu.edu/MyCVM
2. Login using your NetID and password



3. Click on Rotation Preferences
4. Start selecting the tabs on the left side. The program should autosave.
 - Track
 - Vacation
 - Externship
 - Rotation Preferences, based on selected track
 - Off-site – if your track has this as one of the options



A few things to note:

- If you receive an error regarding a need to confirm your email address, you will need to go to your email and click the link to validate you have access to that email address. You should be using your CVM (or TAMU) email address.
- Any elective courses that are selected and require approval (examples: critical care or radiology) will have the initial approval completed by us.
- If you have difficulty with the program or have a question regarding this process, please complete the **4th Year Track & Preference Submission Issues** form. Response could take a few days.
- Once the deadline for the selection process passes, rotation schedules will be created using a lottery system (random), taking into account the selected preferences (although these are not always guaranteed)
- Because rotation schedules are made using a lottery system, we cannot guarantee the terms in which students will take specific rotations. However, once students receive their schedule, they can try to move rotations around. Note that each service has capacity requirements, and we take these into account when considering schedule change requests.
- The 4th year clinical schedules are anticipated to be released in February.