

Emergency and Critical Care Conference: Session Descriptions
Texas A&M University
October 21-22

Saturday Morning October 21



***Dr. Elizabeth Rozanski** is a 1992 graduate of the University of Illinois who completed an internship at the University of Minnesota, and a residency at the University of Pennsylvania. She has worked at Tufts University since 1996, outside of Boston. She practices in a busy ER and focusses on clinical teaching and service.*

Brachycephalic and Other Breed Specific Respiratory Disease -

In this presentation, the attendee will learn the current approach to management of common breed specific diseases, such as brachycephalic disease, as well as less common diseases such as pulmonary fibrosis and Norwich terrier syndrome.

The Geriatric Pet in the ER

In this presentation, the attendee will learn to manage common and not so common emergent conditions affecting the older pet. In addition, the common progression of medical conditions, such as arthritis, heart disease, and kidney disease will be discussed. In addition, the attendee will learn how to help the geriatric pet owner make informed decisions.

10 Tips for Trauma

In this session, the attendee will learn to prioritize the major body systems in trauma, as well as learn to avoid common errors preventing a successful outcome of traumatized dogs and cats.

Roundtable Discussion on Respiratory Cases - Dr. Elizabeth Rozanski and Dr. Christine Rutter

This case-based discussion will help the attendee work through common and less common diseases; including videos and radiographs from recent challenging cases.

Saturday Afternoon October 21



***Dr. Bradley Simon** received his DVM from Ross University School of Veterinary Medicine, completed a residency in anesthesia and analgesia at the University of Pennsylvania, and is a diplomate of the American College of Veterinary Anesthesia and Analgesia (ACVAA). Dr. Simon also received a Masters of Science through Research with emphasis in opioid-opioid interactions in cats. Currently, Dr. Simon is an assistant professor of veterinary anesthesiology at Texas A&M University College of Veterinary Medicine and Biomedical Sciences. Dr. Simon has published manuscripts pertaining but not limited to opioid analgesia, epidural anesthesia and analgesia, oligoanalgesia in the emergency and critical care department, benzodiazepines, pharmacokinetics, and acupuncture in a variety of journals. He has also contributed to the first practical guide to feline anesthesia and pain management entitled "Feline Anesthesia and Pain Management, which will be available December 2017.*

Anesthetic Management of Traumatic Brain Injury

The attendee will learn the physiological consequences and management of traumatic brain injury and the factors that exacerbate increases in intracranial pressure and brain herniation during the perioperative period. The attendee will be able to formulate an appropriate anesthetic plan which encompasses premedication and induction agents, maintenance anesthetics and analgesics, monitoring, and recovery of anesthesia.



***Dr. James Barr** earned both his undergraduate degree (1997) & Doctor of Veterinary Medicine (2001) from Louisiana State University. After completing his residency at the Angell Animal Medical center in Boston, MA, Dr. Barr received board certification as a Diplomate in the American College of Veterinary Emergency and Critical Care in 2007. He was an Assistant Professor of Emergency and Critical Care at Texas A&M University from 2009 to 2017. Currently Dr. Barr is the Group Medical Director of BluePearl Veterinary Partners in the Southwest region.*

Cooler Heads Will Prevail - Approach to Heatstroke and Heat Related Illness

An evidence based approach to how to treat heatstroke and heat related illness. Prognostic factors will be examined and myths dispelled about the treatment of this common disease state. Methods of cooling, fluid therapy, treatment of coagulopathy and heparin therapy will be discussed.



Dr. Justin Heinz received his veterinary degree from Purdue University. Following a rotating internship at Louisiana State University, he completed a residency in emergency and critical care at Texas A&M University. After a year in private practice at California Veterinary Specialists, he has returned to TAMU as a clinical assistant professor in ECC. His areas of interest include hemodialysis and apheresis, as well as sepsis and immune-mediated disease.

Common Veterinary Toxicities

The attendee will learn how to management several common toxicities encountered in veterinary medicine. These include non-steroidal anti-inflammatory drugs, xylitol, sago palm, anticoagulant rodenticide, and attention deficit hyperactivity disorder (ADHD) medications. Attendees will learn toxic dosages, decontamination and preventative measures, and principles of treatment of acute overdoses.



Dr. Ashley Saunders is an Associate Professor of Cardiology at Texas A&M University and a native Texan. She is board certified in the specialty of cardiology by the American College of Veterinary Internal Medicine and is a fellow of the Michael E. DeBakey Institute for Comparative Cardiovascular Science and Biomedical Devices. She joined the faculty in the College of Veterinary Medicine and Biomedical Sciences at Texas A&M University in 2005. Dr. Saunders areas of interest include congenital heart disease, interventional cardiology, advanced imaging and innovative teaching. She serves as an editor for the Journal of Veterinary Cardiology and has won multiple teaching awards including the Texas A&M Association of Former Students University-Level Distinguished Achievement Award in Teaching.



Dr. Tamy Frank-Cannon is a Clinical Assistant Professor of Veterinary Anatomy obtained BS, DVM and PhD degrees from Texas A&M University. She teaches anatomy and professional program and has a special interest in the development of anatomical teaching models & clinical skills teaching models.

Pericardiocentesis Laboratory

During the 1 hour interactive laboratory, the attendee will be able to practice pericardiocentesis on a canine model. By the end of the lab, the attendee will be able to select the proper supplies and list indications for performing pericardiocentesis.

Sunday Morning October 22



***Dr. Kelley Thieman Mankin** attended veterinary school at the University of Missouri – Columbia. She then completed a small animal rotating internship at the University of Tennessee. Following her internship, she completed a combined Master of Science and surgical residency program at the University of Florida. She then joined the soft tissue surgery team at Texas A&M University and has been here ever since.*

Traumatic Coagulopathy

The attendee will learn about the phenomenon of acute traumatic coagulopathy in small animals. In people, the presence of acute traumatic coagulopathy (ATC) implies a higher mortality rate, and ATC may worsen with increasing degree of trauma. The attendee will learn that resuscitative strategies should be administered to minimize ATC.



***Dr. Joe Mankin** received his DVM from the University of Tennessee and completed a rotating internship at Purdue University followed by a neurology/neurosurgery residency at the University of Tennessee. He is currently a Clinical Assistant Professor of neurology/neurosurgery at Texas A&M University. He is board certified in the College of Veterinary Internal Medicine, Specialty of Neurology.*

Stabilization of the Neurologic Emergency

The attendee will learn how to address the critical neurologic cases in the emergency setting. This will include stabilization of seizures, cases of traumatic brain injury and spinal cord injury, as well as how to determine if something is neurologic in origin.



***Dr. Jill Heatley** received her D.V.M. from Texas A&M University, then completed an internship followed by a residency in Zoological Medicine at Louisiana State University and received a Masters degree there as well. She is a Diplomate of the American College of Zoological Medicine and the American Board of Veterinary Practitioners (Avian).*

Avoiding the Dead Bird Syndrome: Avian Assessment and Triage

Small Creature, Big Problem: Exotic Mammal Emergencies

Sunday Afternoon October 22



Dr. Johnathan Lidbury received his veterinary degree from the University of Glasgow, Scotland in 2002. He worked for several years in general and referral practices in the United Kingdom before completing an internship in small animal medicine and surgery at the California Animal Hospital, Los Angeles, California. In 2007 Jonathan joined the GI Lab as a PhD student and he started his residency in small animal internal medicine in 2008. In 2011 Jonathan achieved board certification with the American College of Veterinary Internal Medicine. He is interested in all areas of small animal gastroenterology and is working to develop new non-invasive tests for liver disease in dogs. Jonathan currently serves as an Assistant Professor with the Department of Veterinary Small Animal Clinical Sciences.

Diagnosis and Management of GI Bleeding

This lecture will focus on the diagnostic approach to gastrointestinal hemorrhage in dogs and cats, difficulties in recognizing GI hemorrhage and localizing its source and current recommendations for its treatment. After the lecture attendees should be able to: recognize laboratory changes consistent with GI hemorrhage; formulate a diagnostic plan for a patient with occult GI bleeding; and formulate a therapeutic plan for a patient with GI bleeding

Protein Losing Enteropathy: Improving Outcomes

Attendees will review the clinical presentation of, diagnostic approach to, and underlying causes of protein losing enteropathy, as well as the appropriate treatment and supportive care for dogs with this syndrome. After the lecture attendees should be able to: Understand that protein losing enteropathy is a syndrome not a disease; understand the diagnostic approach to protein losing enteropathy, formulate a therapeutic plan for a dog with protein losing enteropathy; formulate a nutritional plan for a dog with protein losing enteropathy



Dr. Christine Rutter, Conference Chair, is originally from Biloxi, Mississippi and attended Mississippi State University for both her undergraduate and veterinary education. She was a general practitioner in Coral Springs, Florida for 2 years before pursuing an emergency and critical care internship in Louisville, Kentucky. In 2009, she completed an emergency and critical care residency at The Tufts Cummings School of Veterinary Medicine in Massachusetts, then joined a multi-specialty referral practice Pittsburgh, Pennsylvania. As the director of emergency medicine for 6 years, she served as coordinator for student externships, served on the intern committee, and was a founding member of their nonprofit, community-based volunteer animal blood bank. She joined Texas A&M University in

March, 2016 to have a more active role in veterinary education and clinical research. She is a diplomate of the American College of Veterinary Emergency Critical Care, a member of the Veterinary Emergency and Critical Care Society, and a member of the Veterinary Comparative Respiratory Society. Her interests include coagulation, immune mediated blood dyscrasias, transfusion medicine, trauma management, post-operative patient care, and respiratory disease.

Immune Mediated Hemolytic Anemia

***Dr. Johanna Heseltine** received her DVM from the University of Saskatchewan in 1998 and then completed a rotating small animal internship at the University of Prince Edward Island. She completed her Master's degree and small animal internal medicine residency at Virginia*



Tech and is a Diplomate of the American College of Veterinary Medicine (specialty of small animal internal medicine). She has held faculty and teaching positions at Oklahoma State University and the University of Saskatchewan, respectively. She has also practiced in private specialty clinics in Vancouver, British Columbia and Sugar Land, Texas.

Complications of Immunosuppressive Drugs

The attendee will be able to recognize side effects of immunosuppressive drugs including prednisone, cyclosporine, azathioprine, and mycophenolate. There will be a focus on recognizing and diagnosing opportunistic fungal infections in dogs on immunosuppressive medication.