

# PetSmart Charities North American Spay/Neuter Conference

## Spay/Neuter Veterinary/Technician Track

Thursday August 14, 2014



### COMMUNITY CAT WET LAB

The community cat lab will be held at the Austin Humane Society on Thursday August 14, 2014. The Austin Humane Society is a nonprofit limited admission shelter that also operates a high volume feral cat spay/neuter program that has served over 30,000 patients since March 2007. The community cat lab will focus on high volume techniques used on community cats, including the ovarian pedicle tie, the Miller's knot, incision placement, closure techniques, identification of reproductive status, tattoo technique, ear tipping, and flank spay. The lab will accommodate up to 30 veterinary attendees with 10 attendees rotating through each of three two-hour training periods. Each participant will perform at least three surgeries.

**Wet Lab coordinator: Dr. Katie Broaddus, Chief Veterinarian for the Austin Humane Society, Wet lab instructors include Dr. Kimberly Bodner, Dr. Laura Helmueller, Dr. Brian DiGangi, Dr. Sara White, and Dr. Phil Bushby.**

Friday August 15, 2014

8:30 – 9:30 am                      **OPENING SESSION**

10:00 - 10:50 am

### **WHAT MONITORS CAN AND CAN'T TELL YOU: REAL WORLD MONITORING FOR FIELD AND HIGH VOLUME ANESTHESIA (Level 1)**

This talk will discuss how we monitor depth of anesthesia, cardiovascular and respiratory function and temperature in the high volume setting with minimal equipment. Limitations and problems with monitoring will be reviewed with an emphasis on prevention of complications.

**Presenter: Emily McCobb, DVM, MS, DACVAA**

### **ADVANCED SURGICAL TECHNIQUES: SPAY NEUTER IN THE UNUSUAL CASES (Level 2)**

Discussion and demonstration (by video) of spay neuter techniques used in unusual cases such as cryptorchidism, uterus unicornis, mammary hyperplasia, etc.

**Presenter: Philip Bushby, DVM, MS, DACVS**

11:00 - 11:50 am

### **PREVIOUSLY SPAYED/NEUTERED – HOW DO YOU KNOW? (Level 1)**

Cats and dogs often present to spay/neuter programs with an unknown history. Staff frequently need to determine if an animal has already been spayed or neutered so that unnecessary anesthesia and surgery are avoided. In this workshop, we will look at a variety of methods to determine whether or not an animal has been spayed/neutered. Asking the owner or caregiver about the animal's current behavior, performing a pre-operative physical examination, and utilizing hormonal assays can assist in this determination. Methods of permanently identifying cats and dogs as spayed/neutered will also be discussed so that there will be no question regarding an animal's reproductive status in the future. **Presenter: Kathleen Makolinski, DVM**

**MALFORMED, MISPLACED AND MISSING: DEVELOPMENTAL ABNORMALITIES OF THE REPRODUCTIVE ANATOMY (Level 2)**

And they say all spay/neuter surgeries are the same! In this session, you will see what these abnormalities look like, why they occur, how often they occur and potential problems they present during your spay/neuter surgeries. **Presenter: Laura Helmueller, DVM**

**1:30 - 2:20 pm**

**SPECIAL CONSIDERATIONS FOR FREE ROAMING COMMUNITY CATS AT THE SPAY/NEUTER CLINIC (Level 1)**

Free-roaming community cats may be socialized cats that live outdoors all or part of the day, un-socialized feral cats or anything in between! Regardless of the level of socialization and their daily activities, cats that present to the spay/neuter clinic for surgery in a humane trap require special understanding of their lifestyle and adjustment of medical and management protocols that takes their unique needs into consideration. In this workshop we will discuss how to adjust clinic protocols to address these needs and make the clinic experience less stressful for both the patients and the staff. **Presenter: Carolyn Brown, DVM**

**UNDERSTANDING YOUR CLINIC'S RECIPES: HIGH VOLUME ANESTHESIA AND ANALGESIA (Level 2)**

This one hour session will discuss the basic mechanism of actions of the most common anesthetic and analgesic drugs used in high volume spay neuter practice. In addition combination protocols will be reviewed and the pros and cons discussed.

**Presenter: Emily McCobb, DVM, MS, DACVAA**

**2:30 - 3:20 pm**

**PANEL: SPAY/NEUTER CLINIC MODELS (Level 1)**

Panelists will discuss a variety of spay/neuter clinic models and facilitate discussion with attendees about those models.

**Panelists: Sara White, DVM, Laura Helmueller, DVM, Katie Broaddus, DVM, Carolyn Brown, DVM, Kathleen Makolinski, DVM, and Philip Bushby, DVM, MS, DACVS**

**THE THINGS THAT WORRY YOU: AVOIDING AND TROUBLESHOOTING ANESTHETIC COMPLICATIONS (Level 2)**

Causes of anesthetic morbidity and mortality will be reviewed with an emphasis on preventing and avoiding complications as well as early detection of problems.

**Presenter: Emily McCobb, DVM, MS, DACVAA**

**4:00 – 5:00 pm**

**SPONSOR SPEAKERS FORUM**

**BENEFITS OF ZEUTERIN FOR SPAY/NEUTER CLINICS**

**Presenter: Dr. Byron Maas**

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## **COMPARING QUALITIES, CLINICAL EFFECTS AND COSTS: ALPHA 2 AGONISTS AND DISSOCIATIVE ANESTHETICS**

An in depth review of the physiology and pharmacology of the alpha 2 agonists and dissociatives with a specific focus on dexmedetomidine, xylazine, ketamine and tiletamine/zolazepam. A cost comparison with the associated clinical benefits and negatives will be presented.

**Presenter: Dr. David Martin**

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**5:30 – 7:30 pm**

**Cocktails, Small Bites and Live Texas Music (Exhibit Hall)**

**Saturday August 16, 2014**

**8:30 - 9:20 am**

### **ERGONOMICS IN THE HQHVSN CLINIC (Level 1)**

The HQHVSN clinic is full of physical activity: technicians, assistants, veterinarians, and administrative staff all work hard to get the job done, lifting animals, cleaning cages, clipping patients, entering data on the computer, and performing surgery. This session will explore the ways we can minimize the risks of these repetitive activities, and find out what research from medicine and industry can tell us. We will look at inexpensive ways to protect staff comfort and health and manage risks. **Presenter: Sara White, DVM**

### **CREATING SECURE LIGATURES (Level 2)**

Create secure ligations on pedicles CONFIDENTLY. Learn what makes a knot secure, and discover which ligation techniques have the greatest occlusive ability.

**Presenter: Dan Smeak, DVM, DACVS**

**9:30 - 10:20 am**

### **PUPPY BREATH AND KITTEN TAILS: THE INS AND OUTS OF PEDIATRIC SPAY/NEUTER (Level 1)**

Is it necessary? Is it safe? This evidence-based lecture will focus on the role of pediatric spay-neuter in animal welfare and the science behind the practice. Common myths and misperceptions about spay-neuter will be discussed in light of current scientific literature.

**Presenter: Brian A. DiGangi, DVM, MS, DABVP (Canine/Feline)**

### **ABDOMINAL CLOSURE PROBLEMS: FROM SUTURE TO TECHNIQUE (Level 2)**

Abdominal Wall Closure Complications- Get it right the first time! This lecture will cover suture patterns, knots, and suture selection. Learn the most common causes for dehiscence and discover the reasons for postoperative lumps and bumps at your incisions.

**Presenter: Dan Smeak, DVM, DACVS**

**10:30 - 11:20 am**

## **HIGH QUALITY INFECTIOUS DISEASE CONTROL FOR HIGH VOLUME SETTINGS (Level 1)**

This presentation will focus on the most common infectious disease agents encountered in HQHVSN clinics and discuss simple, but important methods of control that will still allow your day to keep running at full-speed. **Presenter: Holly Putnam, DVM**

## **ERGONOMICS FOR SURGEONS (Level 2)**

Where do HQHVSN surgeons hurt, and why? What impact do speed, caseload, and surgical technique have on surgeon comfort? Are there ways we can minimize the risks of the work that we do? This session will discuss typical patterns and risk factors for discomfort in HQHVSN surgeons, and ideas and techniques for recognizing and reducing biomechanical stresses in surgery. **Presenter: Sara White, DVM**

**1:00 - 2:30 pm**

## **SPAY WHAT? EXOTIC SPECIES SPAY NEUTER (Level 1)**

Spay and neuter techniques in common small exotic pet mammals will be discussed, with special emphasis on anesthetic protocols and pre and post-surgical care to maximize patient safety. **Presenter: Anneliese Strunk, DVM, DABVP (Avian)**

## **SPAY NEUTER PROBLEMS: HOW TO AVOID THEM (Level 2)**

This session will cover a few common procedures, ways to avoid complications, and how to manage them if they occur.

**Presenters: Dan Smeak, DVM, DACVS and Laura Helmueller, DVM**

**3:00 - 4:30 pm**

## **BASIC TECHNIQUES FOR PEDIATRIC SPAY NEUTER (Level 1)**

**\*\*REQUIRED FOR PEDIATRIC WET LAB PARTICIPANTS\*\***

Discussion and demonstration (by video) of surgical techniques used in pediatric spay neuter. (Followed by dry lab activities) **Presenter: Philip Bushby, DVM, MS, DACVS**

## **IMPLEMENTING HIGH QUALITY, HIGH VOLUME SPAY/NEUTER: CHALLENGES AND SOLUTIONS (Level 2)**

In 2008, the Association of Shelter Veterinarians published detailed guidelines outlining the recommended quality of care that should be provided when performing high quality, high volume spay/neuter (HQHVSN). Following these guidelines will not only raise the quality of care for each patient, but will also improve the perception of HQHVSN Clinics for the public and the veterinary profession. How can your program implement these guidelines? Are you facing numerous challenges? In this interactive session, participants will be encouraged to share their challenges, learn of solutions developed by other programs, and together discuss how to provide optimal care in an efficient, cost-effective manner.

**Presenters: Carolyn Brown, DVM and Kathleen Makolinski, DVM**

**4:30 - 6:00 pm**

## **CLOSING SESSION: Pecha Kucha Experience**

Pecha Kucha is an exciting presentation style in which 20 slides are shown for 20 seconds each (six minutes and 40 seconds in total). The format, which keeps presentations concise and fast-paced, powers multiple-speaker events called Pecha

Kucha Nights. The multi-speaker session will inspire and energize you to continue your spay/neuter mission in your community.

***Presenters: Kenny Lamberti, Program Manager for Pets for Life, HSUS, Madeleine Laird, ED HOPE Spay Neuter Clinic, Ft. Wayne, IN, Amy Christian, VP of Spay/Neuter Operations at ASPCA, Andy Ayoob, Founder Spay n' Save, Orlando, FL, Matt Piccone, Founder PAWS of Rochester, Rochester, NY***

## **Sunday August 17, 2014**

### **PEDIATRIC WET LAB**

The pediatric wet lab will be held at Emancipet on Sunday August 17, 2014. Emancipet is a high volume, low cost spay neuter clinic that was founded in 1999 in Austin and has recently expanded to other communities. The pediatric wet lab will focus on high volume techniques used on pediatric patients, including the ovarian pedicle tie, the Miller's knot, incision placement, use of a Snook hook, intradermal closures, tissue handling, tattoo technique, and scrotal neuters in puppies. The lab will accommodate up to 56 veterinarian attendees with 14 attendees rotating through each of four two-hour training periods. One veterinary instructor will supervise each surgery table (7 total tables) and two attendees per training period and one technician will be assigned to each surgery table. Each participant will perform at least three pediatric surgeries.

***Wet Lab Coordinator: Dr. Laura Helmueller, Chief Medical Officer of Emancipet. Instructors include Dr. Kristen Grimes, Dr. Holly Putnam, Dr. Katie Broaddus, Dr. Kimberly Bodner, Dr. Brian DiGangi, Dr. Sara White and Dr. Phil Bushby.***