



# Sheltie Showdown



A publication of the Central Indiana Shetland Sheepdog Club

September 2016

## Club Meetings

Our membership meetings are held at 7:30 p.m. at Camp Bow Wow, 10830 Pendleton Pike, Indianapolis, IN 46236. Camp Bow Wow is just past North German Church Rd.

**Next Membership Meeting:**  
**September 9th.**

**Meeting Program: Safety Tips for Dogs**  
Linda Lee will share ideas on how to keep our dogs safe during the heat and also tips on products that are not safe to use. Linda is a former Surgery Supervisor of a large Veterinary Hospital in Honolulu, Hawaii.



## 2016 Officers

President: Carole Creech  
Vice President: Linda Lee  
Treasurer: Doug McKee  
Recording Secretary: Cheryl Sharp  
Corresponding Secretary: Kathy McKee

## Board of Directors

Elizabeth "Babs" Beck, Becky Hamm  
Kathleen Morpew, Kathy Underwood

## Standing Committees

Agility Trial: Babs Beck  
Education: Linda Lee  
Equipment: Doug McKee  
Judges Selection: Carole Creech  
Legislative: Carole Creech  
Membership: Kathy McKee  
Obedience Trial: Kathy Underwood  
Policies & Constitution: Cheryl Sharp  
Sheltie Info Line: Becky Hamm  
Showdown: Carole Creech  
Specialty Show: Cheryl Sharp  
Website: Carole Creech

## 2016 CISSC Upcoming Events



### Agility Trials

November 19-20, 2016  
Pawsitive Partners Dog  
Training Center  
Beech Grove, IN

## 2017 CISSC Upcoming Events

### Specialty Shows

### Back-to-Back

May 13, 2017

Johnson County Fairgrounds  
Franklin, IN

Sweeps - A.M.: Gael Silverman  
A.M. Judge: Kim Schive  
P.M. Judge: Yvonne Defreitas

*Happiness is a warm puppy!!!*





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## 2016 State Legislation Update

**Of significance - MSN passes for all Animal Care Facilities**

**HB 1201 Companion Animal Sterilization - signed by Governor on 3-24-16 - Public Law 201.**

Digest: Companion animal sterilization. Authorizes the board of animal health to establish a registry of animal care facilities. Requires that beginning July 1, 2021, a dog or a cat in an animal care facility must be spayed or neutered before adoption from the facility. Defines "animal care facility" as an animal control center, an animal shelter, a humane society, or another animal impounding facility that has as its purpose the humane treatment of animals and that has dogs or cats that are available for adoption, including governmental and private entities and animal rescues. Exempts certain cats and dogs from the spay companion animal sterilization.

## 2016 Local Level Ordinances

### Anderson:

**Mandatory spay/neuter – Passed by the City Council.** This is an ordinance on mandatory sterilization on a first impoundment unless the owner can prove the dog is a "show dog." Includes annual breeder permits for anyone who wants to breed.

### Hartford City:

Mandatory spay/neuter  
Two board members of the Blackford County Animal Shelter have proposed mandatory spay/neuter of all dogs and cats living within the city limits of Hartford City.

### Indianapolis: Paul Upton Case

Indianapolis Animal Care and Control unlawfully seized dozens of dogs during a November 5, 2015 raid of the Upton's Famous Pet Training Center. A lawsuit filed by Upton states that Indianapolis Care and Control officers launched a surprise raid in which they impounded 35

German Shepherds belonging to Paul Upton. A trial date is scheduled for November 2016.

**IPDA is working with the AKC Legislative Department and the NAIA to write a bill that will be introduced to the Indiana General Assembly in 2017. This bill, if passed by both houses, will prevent the unwarranted seizure of animals and insure due process.**

## AKC News

### AKC Suspends Use of the Collapsed Tunnel

This past week, The American Kennel Club Agility department held their annual field representative meeting. During the meeting, the staff reviewed concerns raised by the Agility community involving the collapsed tunnel. This obstacle has been shown to cause issues as performances have become faster and higher level classes have become more complex.

After their review, the Agility Field Representatives agreed unanimously to suspend the use of the collapsed tunnel effective immediately. Based upon the Agility department's recommendation, Sports and Events Senior Management contacted the AKC Board of Directors to request immediate action. The Board concurred that the concern regarding the safety of the dogs was the first priority.

As of August 30, 2016, the AKC will suspend the use of the collapsed tunnel in all courses until the concerns can be resolved. Judges will be contacted by their Field Representative to review how to adopt this immediate change.

Thank you to the Agility community for working in partnership with the AKC to bring positive changes to our sport.

## Detection of bladder cancer in “high-risk” dogs using Raman spectroscopy and molecular composition urinalysis

John Robertson, Ryan Senger, Nikolaos Dervisis, David Grant  
Virginia Tech, Blacksburg, VA

### Background

Bladder cancer is a serious disease that affects dogs. Based on some studies, between 1-2% of dogs will develop bladder cancer, but the disease is much more common in some dog breeds. Scottish Terriers are a breed in which the risk of developing bladder cancer is highest, but several other breeds, including Shetland Sheepdogs, West Highland White Terriers, Eskimo Dogs, and Beagles are also at increased risk. Bladder cancer is more common in older dogs, females and neutered dogs.

Dogs with bladder cancer may show a variety of concerning clinical signs including blood in the urine (owners may see pink discoloration on floors and rugs), increased frequency of urination, pain when urinating, and even changes in housebreaking. Of course, these signs can also be seen in dogs with urinary tract infections and other kidney problems, so accurate and timely diagnosis is important.

Unfortunately, many dogs that develop bladder cancer are not seen until tumors have invaded the wall of the bladder and elsewhere. Currently, there is no routine diagnostic test that quickly detects bladder cancer in early stages – when it would be more treatable.

Once bladder cancer is detected, dogs commonly are given chemotherapy to make them more comfortable and to shrink tumors. Such therapy rarely cures the tumor, but may slow its continued growth.

### Who are we and what do we propose?

We are a group of veterinarians and engineers who have developed a method which we think will help us detect bladder cancer in dogs (and people!). The test involves analysis of molecules in urine specimens using laser (Raman) spectroscopy. There are normally over 150 individual types of molecules present in urine. We have found that when bladder cancer is present, the types and concentrations of some molecules changes – allowing us to spot dogs whose urine molecular composition is abnormal. The test uses about a teaspoon of urine and takes about 20 minutes.

**We are validating this test and we need urine!** Working with the ASSA, we would like to get urine specimens from a substantial number (30-50) of Shelties. These can be dogs of any age, sex, neutering, and health status (normal, healthy dogs or dogs with health problems). We will analyze these specimens and then create a mapping of urine molecule clusters. We expect that most Shelties will have a similar cluster pattern, although we may see differences based on sex, age, and health. For example, elderly dogs with chronic kidney problems would be likely to have a different cluster pattern than young, healthy dogs. We will compare the urine molecular cluster data from Shelties with samples from West Highland White Terriers, from other purebred dogs, and from mixed breed dogs. We have already analyzed samples from more than 70 dogs of all breeds, including 6 dogs with bladder cancer (who have a different urine molecular signature).

We are asking members of the ASSA to provide urine specimens from their dogs. We have special procedures for collection and handling (free-catch samples, freezing). We will be happy to discuss our work and these procedures with any owner or their veterinarian. A standard questionnaire will be provided to collect information on dogs donating urine.

The ASSA has generously agreed to subsidize the cost of shipping frozen urine specimens to us. The molecular cluster testing is **absolutely free** to ASSA members.

For further information, the contact person for the study is Dr. John Robertson ([drbob@vt.edu](mailto:drbob@vt.edu)) and his cell phone number is 540-239-0169.