



# Sheltie Showdown



A publication of the Central Indiana Shetland Sheepdog Club

March 2014

## Club Meetings

Our membership meetings are held at 7:30 p.m. at Bark Tudor, 2122 Broad Ripple Avenue, Indianapolis, IN 46220. Bark Tudor is located in a strip mall just west of the intersection of Keystone Avenue and Broad Ripple Avenue (62<sup>nd</sup> Street). **Membership Meetings for 2014:** January 3<sup>rd</sup>, **March 29<sup>th</sup> Awards Banquet**, May 2<sup>nd</sup>, July Picnic TBD, September 5<sup>th</sup>, November 7<sup>th</sup>. Board meetings for 2014: February, April, August, October.



## March 29<sup>th</sup> Awards Luncheon

See Awards luncheon invitation in this newsletter. Please R.S.V.P. to Carole Creech by March 22<sup>nd</sup>.



### 2014 Officers

President: Kathy Underwood  
Vice President: Liz Carroll  
Treasurer: Doug McKee  
Recording Secretary: Cheryl Sharp  
Corresponding Secretary: Becky Hamm

### Board of Directors

Elizabeth "Babs" Beck  
Carole Creech  
Linda Lee  
Kathy McKee

### Standing Committees

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

Website URL: <http://www.cissc.net>

## 2014 CISSC Upcoming Events

### Spring Specialty Shows

May 10, 2014

Judge: Yvonne Samuelson

May 11, 2014

Judge: Mary Benedict

Johnson County Fairgrounds

Fitzpatrick Hall

Franklin, IN

### Summer All-Breed Obedience & Rally Trial

July 19-20, 2014

Judges: Suzanne Mayborne & Fred Buroff

Pawsitive Partners Obedience Training Center

Beech Grove, IN

### Fall Agility Trial (pending AKC approval)

November 15-16, 2014

Judge: Scott Stock

Pawsitive Partners Dog Training Center

Beech Grove, IN



### 2014 ASSA National, Central

Grey Summit, MO

Location: [Purina Farms](#)

Host Club: ASSA

Breed: Janet Turnage Nahikian

Dogs: Mark Houston-McMillan

Bitches: Nioma Coen

Futurity: Jane Hammett-Bright

Jr. Showmanship: TBA



## Think Spring!!!



# 2014 CISSC Awards Banquet



*This year's CISSC Awards Banquet will be held on  
Saturday March 29th  
From 12:00 noon - 2:30 p.m.  
at*

*Bravo Cucina Italiana  
2658 Lake Circle Drive  
(West 86<sup>th</sup> St. & Township Line Rd.)  
Indianapolis, IN 46268*

*Please R.S.V.P. by March 22<sup>nd</sup> to  
Carole Creech*

*[sassyroo1@yahoo.com](mailto:sassyroo1@yahoo.com)*

*317-340-1926*

*CISSC members may invite one guest to the banquet*

# Membership Survey

The CISSC Board is interested in your thoughts. Please take the survey at the link below.

<https://www.surveymonkey.com/s/GC28QXZ>

## Bragging Rights!!!

### From Karen Adams:

Riff: Road's End Sirius Mayhem, NA, NAJ, NF earned his first leg in Open Standard Preferred at the CISSC agility trial on November 16<sup>th</sup> under Judge C. Bowers with a first place finish. He also earned an Open FAST Preferred leg that day with a first place finish. His second OAP leg was earned at the ACI trial December 29<sup>th</sup> under Judge Carolynne Rose with a first place finish and his third leg and title were earned at the CISSC trial on January 12<sup>th</sup> under Judge Mary Mullen with a first place finish. Riff earned his first Open Jumpers Preferred leg on December 28<sup>th</sup> at the ACI trial under Judge Carolynne Rose with a second place finish. His second leg was earned at the CISSC trial on January 12<sup>th</sup> under Judge Mary Mullen with a first place and his third leg and title were earned at the ACI trial on February 16<sup>th</sup> under Judge Mary Mullen with a first place finish. Riff also earned his CPE CL2-R, CL2-S and CL2 titles at the K9 Athletes CPE trial on September 28.

Quin: Baccara Makin' Waves, AX, OJ, OF earned Ex FAST legs on 1/11/14 and 2/15/14 at CISSC trials under Judge Mary Mullen, both with 1st place finishes. He earned his first T2B leg at the CISSC trial on 2/16/14 under Judge Mary Mullen.

Indee: Indiana Joan AX, MXJ earned two more legs toward her MXJB at the CISSC agility trial on 2/15 & 2/16 under Judge Mary Mullen. She is close to finishing her MX and has 3 QQ's toward her MACH.

### From Babs Beck:

It's MACH 4 Bodacious Bravo!! Bravo earned his MACH 4 on December 27, 2013 at the Agility Club of Indianapolis under judge Carolynne Rose.

### From Kathy McKee:

Derby, Keeara's Down and Derby OA OAJ earned her AXJ title with a first place at the CISSC Agility Trial on January 12<sup>th</sup> under judge Mary Mullens.

## Border Collie Collapse Syndrome Study

ASSA received word from one of the study investigators that Sheltie owners with affected dogs are welcome to participate in the study.

### "The Syndrome

Border Collie collapse (BCC) is an episodic nervous system disorder that is triggered by strenuous exercise. BCC is recognized throughout North America, Europe, and Australia and is observed in dogs used for working stock, as well as dogs participating in agility or fly-ball competitions or repeatedly retrieving a ball. This disorder has also been called exercise induced collapse (EIC), exercise induced hyperthermia, stress seizures and "the wobbles".

Affected dogs are normal at rest and seem healthy. Typical collapse episodes begin 5 - 15 min after onset of exercise and include disorientation, dull mentation or loss of focus; swaying, staggering and falling to the side; exaggerated lifting of each limb while walking and a choppy gait; scuffing of the rear and/or forelegs, and crossing of the legs when turning. All of the factors contributing to the tendency for an affected dog to collapse on a given day (excitement, heat, intensity of exercise) have not been determined. Some dogs seem relatively normal while they are exercising but only show symptoms about 5 minutes after exercise is

halted. Dogs are abnormal for 5 to 30 minutes, but then recover completely with no residual lameness or muscle stiffness or discomfort. Affected dogs are often unable to exercise and must be retired from competition and work."

The Shetland Sheepdog is one of the breeds in which this has been seen. I have personally seen it in 3 Shelties.

For more information see:

<http://www.cvm.umn.edu/vbs/faculty/Mickelson/lab/EIC/bordercollieEIC/home.html>

Best regards,

Mary Mahaffey  
Chair, ASSA Research Advisory Committee



## PDA Study

ASSA received an update from Dr. Kathryn Meurs of NC State University concerning her work on possible underlying genetic cause of PDA. I believe she is collecting DNA samples from several breeds, including Shelties.

As of 2014, she has received DNA samples from 4 affected and 9 normal Shelties. More samples are needed although newer techniques used to evaluate DNA may allow her group to obtain more information from fewer samples.

Basically, I just wanted to let you know that the study is still active and ask you to spread the word to anyone who might have the misfortune of having an affected pup.

Attached is the updated study notice containing information about how to participate. The notice should be posted to the ASSA website in the future.

Best regards,  
Mary Mahaffey, DVM  
Chair, ASSA Research Advisory Committee

Updated February, 2014

## Patent Ductus Arteriosus

Patent ductus arteriosus (PDA) is a congenital anomaly of the heart which causes fluid build-up in the lungs, exercise intolerance and possibly death if left untreated. During normal fetal development, the ductus allows most of the blood in the pulmonary artery to bypass the lungs and go into the aorta. In normal animals, the ductus should close shortly after birth. Dogs with a PDA can be successfully treated surgically.

PDA is one of the most common congenital cardiac defects in dogs. It also occurs in humans. A characteristic "machinery" murmur is usually heard by a veterinarian on physical examination. In one retrospective study (Ackerman, 1978) of 537 dogs with PDA, Miniature and Toy Poodles, Pomeranians, and Shetland Sheepdogs were identified as being of high risk for PDA. Although PDA is considered to be an inherited defect in most affected dogs, the mode of inheritance is complicated and not well understood. Additional information on PDA is well-presented at the links below:

<http://www.gopetsamerica.com/dog-health/patent-ductus-arteriosus.aspx>

<http://www.akcchf.org/canine-health/your-dogs-health/disease-information/patent-ductus-arteriosus.html>

Ackerman N, Burk R, Hahn AW, et.al. Patent ductus arteriosus in the dog: a retrospective study of radiographic, epidemiologic, and clinical findings. *Am J Vet Res*, 1978; 39:1805-10.

## **Shetland Sheepdog Patent Ductus Arteriosus Study\***

(1<sup>st</sup> posted, 2012, updated - 2/14)

Dr. Kathryn Meurs of North Carolina State University is a veterinary cardiologist and the director of the NCSU Veterinary Cardiac Genetics & Holter Laboratories. In addition, she is the Associate Dean of Research at NCSU. Dr. Meurs is interested in studying the genetics of PDA in Shetland Sheepdogs.

Dr. Meurs suspects that PDA is caused by a polygenic trait. At this time, she does not believe that the presence of an affected puppy in a litter is reason to spay/neuter the sire, dam, or other puppies in the litter. She does recommend not repeating the breeding or breeding to closely related dogs.

For the study, DNA samples are needed from normal Shelties as well as Shelties that have been diagnosed with PDA. For more information about the study and for submission forms see below:

\* As of February, 2014 Dr. Meurs has received DNA samples from 4 affected and 9 normal Shelties. Samples from more Shelties are still needed.

### **Shetland Sheepdog Patent Ductus Arteriosus Study**

We are very interested in studying the genetics of the congenital heart defect Patent Ductus Arteriosus (PDA) in Shetland Sheepdogs to try to identify a genetic mutation for this defect.

**We are currently looking for DNA samples from:**

1. Shetland Sheepdogs who **DO NOT** have a patent ductus arteriosus (PDA) and have been cleared by a cardiologist ideally by echocardiogram

2. Shetland Sheepdogs who **DO** have a PDA that has been diagnosed by a cardiologist

### **Sample collection**

Please ask your veterinarian or a veterinary technician to pull a blood sample into an **EDTA** tube. Most veterinary hospitals have these readily available.

1. Blood drawn into a Standard EDTA Tube does not need to be refrigerated.
2. Blood draw volume should be 1 to 2 ml, if possible.
3. Please label tube well, with dog's call name and family last name and send the samples to our lab via the address above.

**Blood drawn does not need to be mailed back with ice packs or be shipped overnight.**

**However, if possible please try to send the sample within a few days by standard mail. Until the blood can be mailed, it is a good idea to refrigerate it (i.e., if the blood was drawn late Saturday and cannot be mailed until Monday, it's a good idea to refrigerate it between Saturday and Monday).**

**Questions? Contact Info:**  
**[Kate\\_meurs@ncsu.edu](mailto:Kate_meurs@ncsu.edu)**

**Please return the form on page 2 with your sample and mail to:**

NCSU - College of Veterinary Medicine  
ATTN: Veterinary Cardiac  
Genetics Laboratory  
Research Bldg. 460  
1060 William Moore Dr.  
Raleigh, NC 27607

*Thank you very much for your submitting a sample, we greatly appreciate it!*

## **Shetland Sheepdog Patent Ductus Arteriosus (PDA) Study**

**Dog Name:**

**Gender:**

**Birthdate:**

**Owner Name:**

**Complete Address:**

**Phone Number:**

**E-mail:**

**Has your dog been diagnosed with a patent ductus arteriosus (PDA) ?**

**Has your dog been cleared by a cardiologist of not having a patent ductus arteriosus (PDA) ?**

**If this dog has been used for breeding, has it produced any puppies that were diagnosed with a PDA?**

**Date (if ever) of Last Echocardiogram, please include a copy of the echocardiogram if possible:**

**If possible could you please include a Xerox copy of a pedigree?**

***THANK YOU!!!!!!!!!!!!***