



# Sheltie Showdown



A publication of the Central Indiana Shetland Sheepdog Club

January 2016

## 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). **Next**

### Membership Meeting: January 8th.

We will vote on 2016 Officers and Board Members. A brief program on canine legislation will be presented.



## 2016 Dues

Your annual membership dues of \$15.00 are due on January 1<sup>st</sup>. Checks, cash and PayPal are accepted. Contact Doug McKee.



## 2015 Officers

President: Liz Carroll

Vice President: vacant

Treasurer: Doug McKee

Recording Secretary: Cheryl Sharp

Corresponding Secretary: Kathy McKee

### Board of Directors

Elizabeth "Babs" Beck

Becky Hamm

Linda Lee

Kathy Underwood

### Standing Committees

Agility Trial: Babs Beck

Education: Liz Carroll

Equipment: Doug McKee

Judges Selection: Carole Creech

Legislative: Carole Creech

Librarian: Karen Burton

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

### Specialty Shows - Back-to-Back

May 14, 2016

Johnson County Fairgrounds  
Franklin, IN

Sweeps: Stephanie Trautman-Riley

A.M. Judge: Meredith Hector

P.M. Judge: Hector Hector

### All Breed Obedience Trial

July 23-24, 2016

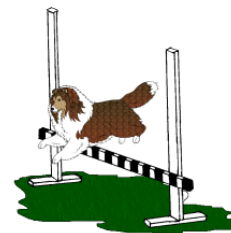
Pawsitive Partners Obedience  
Training Center  
Beech Grove, IN

### Agility Trials

August 6-7, 2016

November 19-20, 2016

Pawsitive Partners Dog  
Training Center  
Beech Grove, IN



 Happy  New  Year! 

# CNGA1-PRA and other inherited eye diseases in the Shetland Sheepdog

Sue Pearce-Kelling, President and Manager, OptiGen, LLC  
November, 2015

OptiGen, a veterinary diagnostic laboratory specializing in DNA testing of inherited diseases in dogs, has recently added a test for Progressive Retinal Atrophy (PRA) in Shelties. Similar to the CEA/CH DNA test that OptiGen has provided for Shelties for many years, the CNGA1-PRA test is able to detect whether the dog carries 0, 1 or 2 copies of the mutation. Also similar to CEA/CH, CNGA1-PRA is inherited in an autosomal recessive manner, meaning that carriers of only one copy of the mutation will not develop the disease however they can pass the mutation on to their offspring. A rule of thumb in breeding should be to ensure that *at least* one parent of a litter is Normal/Clear of the mutation. This will ensure that none of the pups develop this form of PRA--which is typically first detected in routine eye exams when the dogs are 3-5 years of age.

Although the CNGA1 DNA test is very useful, it should be viewed as a tool that is complementary to regular eye exams performed by board certified veterinary ophthalmologists. These clinical examinations are where a variety of other diseases may be observed, including other forms of PRA that remain uncharacterized and have no DNA test yet available. As is the case in many breeds for which DNA tests for PRA are available, we now know that at least one other type of PRA occurs in the Shetland Sheepdog.<sup>1</sup> OptiGen supports an ongoing research program aimed at identifying new mutations that cause PRA (and other important inherited eye diseases, e.g. day blindness, cataracts and canine multifocal retinopathy). **As part of this research program, OptiGen accepts blood samples from pedigreed dogs that have been diagnosed as having PRA by a board certified ophthalmologist.** Through this program we are able to determine whether multiple forms of PRA are occurring in a breed as well as to include the samples in our search for new mutations. Please contact [suepk@optigen.com](mailto:suepk@optigen.com) if you are interested in submitting samples for this research.

The CNGA1-PRA mutation was described by a Scandinavian research group<sup>2</sup> and it appears that the mutation may be more common in Shelties from that region compared to those from North America however the sample size of CNGA1-PRA tested dogs at this time is too low to allow for conclusive estimates of frequency. For further information, please visit OptiGen's website, [www.optigen.com](http://www.optigen.com)

<sup>1</sup> Karlstam L., Hertel E., Zeiss C., Ropstad E.O., Bjerkas E., Dubielzig R.R. & Ekesten B. (2011) A slowly progressive retinopathy in the Shetland Sheepdog. *Veterinary Ophthalmology* 14, 227–38.

<sup>2</sup> Wiik, A. C., Ropstad, E. O., Ekesten, B., Karlstam, L., Wade, C. M. and Lingaas, F. (2015), Progressive retinal atrophy in Shetland sheepdog is associated with a mutation in the CNGA1 gene. *Animal Genetics*. doi: 10.1111/age.12323 <http://onlinelibrary.wiley.com/doi/10.1111/age.12323/abstract>



**CENTRAL INDIANA SHETLAND SHEEPDOG CLUB**  
**APPLICATION FOR MERIT AWARDS**  
January 1, 2015 - December 31, 2015

**MEMBERS ONLY**

Please fill out the form below to entitle you to your CISSC Merit Award for any of the titles listed below. You must be owner or co-owner of record to qualify for an award on an individual dog.

**PLAQUES:** Awarded for the following accomplishments – successive awards for the same dog will be presented as additional engraved brass plate to be attached to the original plaque – **please indicate if your dog already has a plaque.**

Champion Titles (GCH, CH, MACH, PACH, OTCH, HC, TC)

**CERTIFICATES:**

CD, CDX, UD, UDX, HT, PT, HS, HI, HX, RN, RA, RE, RAE, TD, TDX, VST, NA, NAJ, OA, OAJ, AX, AXJ, MX, MXJ, NAP, NJP, OAP, OJP, AXP, AJP, MXP, MJP, NF, OF, XF, MXF, NFP, OFP, XFP, MFP, NT2B, OT2B, XT2B, NPT2B, OPT2B, XPT2B, MXB, MXS, MXG, MJB, MJS, MJG, MJC, PAX, FTC1, THD, FDC, FM, ONYX)

High in Trial (all breed or specialty show)

Best in Show (all breed or specialty show)

Breeder or an owner for any of the following placements at the National Specialty:  
(BIS, BOS, WD, WB, Award of Merit Winner, HIT)

Breeder of the most Champions within the award year.

Breeder of the most Obedience titled dogs within the award year.

Breeder of the most Agility titled dogs within the award year.

Breeder of the most Herding titled dogs within the award year.

Versatility Award (any dog obtaining 3 titles; i.e. CH, UD, HT, TD, or any combination thereof)

Breeder or Owner of a sire or dam of Merit (Sire=10 CH, Dam=5 CH)

Breeder of Conformation Champion; Breeder of an Agility, Obedience, Tracking or Herding titled Dog

High Combined

Group Placement or Major Win

Placement at a National Specialty Show

Non-regular Obedience Classes: Beginner Novice, Graduate Novice, Graduate Open



CENTRAL INDIANA SHETLAND SHEEPDOG CLUB  
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January 1, 2015 - December 31, 2015

You must have qualified for an award between the dates of *January 1, 2015 and December 31, 2015*. Please use a separate application for each award for each dog and submit the names and dates of the shows/trials where your dog qualified for the award. ***You must be owner or co-owner of record to qualify for an award on an individual dog except for breeder awards.*** Be sure to clearly print or type this information because this goes to the printer/engraver and must be legible. Return this application to:

Liz Carroll, 11532 Seafan Court, Indianapolis, IN 46236 or scan form and email to [hardy1960me@hotmail.com](mailto:hardy1960me@hotmail.com). ***DEADLINE FOR SUBMITTING THE APPLICATION FOR MERIT AWARDS IS JANUARY 18, 2016.***

TYPE OF AWARD: \_\_\_\_\_

SHOW & DATE QUALIFIED: \_\_\_\_\_

AKC REGISTERED NAME OF DOG: \_\_\_\_\_

BREEDER: \_\_\_\_\_

SIRE: \_\_\_\_\_

DAM: \_\_\_\_\_

OWNER: \_\_\_\_\_

Please note, if a dog is co-owned and the co-owner wishes a plaque or certificate, a 2nd certificate or plaque can be purchased. **Only one plaque or certificate will be awarded.**