

OFFICERS

Robette Johns  
President

Krista Hansen  
Vice President

Gail Currie  
Vice President

Karen Anderson  
Treasurer

Mary Hunter  
Secretary



BOARD OF DIRECTORS

The Officers and

William K. Brokken, MD

David Hansen, DVM

Rayleen Hendrix

Susan Hernquist

Pat Jung

Gayle Kaye

Nancy Kelso, DVM

Nancy McDonald

Pati Merrill

Gerrie Oliver



Membership Chair:  
Gail Currie



Newsletter Editor:  
Mary Hunter



# COLLIE HEALTH

FOUNDATION

From the President, Robette Johns  
6132 Southfield Lane, Oswego, IL 60543  
Phone: 704-219-8277/Email: [president@colliehealth.org](mailto:president@colliehealth.org)

It's hard for me to find a way to start this message. None of us could have foreseen the way our lives have changed. I hope that our Foundation Family has stayed safe and well through these horrible months. I know my dogs played a large part in comforting me during our "stay at home" time. Most of us believe it is not over yet, nor do we know what will happen in three, six or nine months. Yet planning must continue because we must move forward.

Out of concern for our many volunteers, the Board decided to cancel the "Gathering at Sunnybank" this year. Don't worry, you will still be able to participate in a "virtual" Gathering. Gerrie Oliver is calling this year "Gathering in Place" like our "stay at home" orders. We will still have T-Shirts and while the Gathering is going virtual this year, CHF has a couple of volunteers that live in New Jersey that will be holding the Sunnybank Memorial including the beloved Bagpiper on Sunday, August 15th. The ceremony will be streamed live on Facebook. The Memorial Card Form is at the bottom of the flyer on page 2 or you can pay via PayPal and submit the information on our website at <https://www.colliehealth.org/product/2020-collie-memorial-at-sunnybank-memorial-cards/>. Please do not come unless Gerrie or Nancy has asked you to participate. We don't want you or our volunteers to get sick!

Ana and Julien Goulet were nice enough to donate three pieces of jewelry that would have been auctioned off at our dinner and live auction at the 2020 CCA in Syracuse if it had taken place. Mary Hunter was able to procure two more pieces of jewelry for our auction from Dazzling Paws Jewelry. We have created a raffle for all or any of the pieces on our shop at [colliehealth.org](http://colliehealth.org). To make it more fun and have an audience, the winners will be drawn at the virtual Gathering at Sunnybank on August 15<sup>th</sup> & 16<sup>th</sup> live on Facebook thanks to Nancy McDonald and Gerrie Oliver. Please support the raffle since our major fundraisers have had to be canceled this year. We have several options to buy tickets so you can buy for one piece or all pieces. Remember, this is truly a "Raffle for Research."

I want to congratulate this year's President's Trophy winner, Dr. William Brokken. I think he was really surprised! I'm only sorry we couldn't present it in front of a big audience! Watch for the CCA Bulletin because Ginny White and I collaborated to make the article about Bill a little more in-depth with more pictures. Thanks Ginny! The same Bulletin is publishing the CHF Charts on our Rebates and Research Projects that Gail Currie keeps updated. There are many CCA members that do belong to the Collie Health Foundation, but over half do not. We hope as they learn more about CHF they will want to join us to help the Collie and all dogs.

*continued on back page*



# GATHERING IN PLACE

## 2020 Hindsight: A Look Back at Bruce

August 15 & 16, 2020

The 24th Annual Gathering is VIRTUAL!

All events will be videotaped and uploaded to the CHF YouTube Channel and Social Media for you to enjoy!  
Please stay safe and continue to watch CHF & TSM Facebook Pages and Colliesonline for more news.

### SUNNYBANK SATURDAY

#### SUNNYBANK WALKING TOUR

Kathy George, Host

#### SUNNYBANK TALKS

"A King from Queens: The Astoria Story"

Kathleen Rais MacMurray

"Building on Bruce: A Faultless Foundation"

Krissy Marshall

"The Literary Bruce: A Character Without a Fault"

Kathy George

LIVESTREAM JEWELRY DRAWING!

### COLLIE SUNDAY

#### COLLIE MEMORIAL CELEBRATION

Susie DeLorenzo, Host

#### PUPPY SELECTION PROGRAM

Nancy McDonald & Carrie Lenhart

#### GROOMING DEMO/HEAD TRIM

Nancy McDonald & Carrie Lenhart

& Hairy Headed Perry

LIVESTREAM JEWELRY DRAWING!

### Bruce T-Shirts

Crew neck/short sleeve

Designed by Kathy George

Small - XL \$20, 2X \$22, 3X \$24

Buy yours on website now!!!



### Bruce Face Masks

WWI War Hero Bruce joins the fight  
against COVID-19!

Lightweight, comfortable, cool breathing  
strips, washable up to 50X \$12.50

Buy yours on website now!!!

### Beautiful Jewelry Raffle

\$1, \$10 or \$25

Buy tickets on website now!!!

## NOTE: Premiums available by pre-order only - July 2<sup>nd</sup> thru October 15<sup>th</sup>

If you want to receive your order in time for the Gathering please place your order BEFORE August 1<sup>st</sup> to ship by priority mail August 10<sup>th</sup>

Orders placed August 1<sup>st</sup> thru October 15<sup>th</sup> will be shipped October 23<sup>rd</sup>

Nothing available after October 23<sup>rd</sup> so order yours today!

[www.colliehealth.org](http://www.colliehealth.org)

### Collie Memorial Celebration at Sunnybank - Memorial Card Order Form

Name for (memorial) (celebration) \_\_\_\_\_

Any additional information (title, year of birth, etc.) (8-10 words only, please) \_\_\_\_\_

Your Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City State Zip: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Number of Cards Ordered at \$5.00 each \_\_\_\_\_ Send #10 SASE for every two cards ordered or SASE Mailer for Large Quantity

Total amount enclosed: \$ \_\_\_\_\_ or send via PayPal at CHF Website [www.colliehealth.org](http://www.colliehealth.org)

Checks payable to **Collie Health Foundation**

Mail To: **Mrs. Susan DeLorenzo, 22 West Park Avenue, Park Ridge, NJ 07656**

FMJ: 201-906-1912 or [susiezo@aol.com](mailto:susiezo@aol.com)



## 2020 Hindsight: A Look Back at Bruce

*Collie Health Foundation*

*Gathering in Place*

*August 15-16, 2020*

Watch [colliehealth.org](http://colliehealth.org) and the CHF facebook page for details on 2020

T-shirts and facemasks going on sale soon!

Five livestream jewelry raffles will be drawn on Saturday and Sunday.

Buy your tickets on the website now!



Sterling Silver Sunshine Paws  
Pendant with 20" Chain  
\$1/ticket, \$7/10 tickets



Sterling Silver Smooth Victorian  
Frame Pendant with 18" Chain  
\$5/ticket, \$20/5 tickets



Sterling Silver Collie Puppy  
Pendant with 18" Chain  
\$5/ticket, \$20/5 tickets



14kt Gold Pave Diamond Earrings  
Rough Collie Head Profile  
\$10/ticket, \$25/3 tickets



Sterling Silver Rough Collie  
with Sheep Body Pendant  
Adjustable Chain  
\$1/ticket, \$7/10 tickets

Can't decide? Buy a \$50  
bundle and get 3 tickets  
on all 5 items!

## *CHF Election Results*

Every other year the Board of Directors appoints an Elections Committee, consisting of three Collie Health Foundations members, to conduct the process of nominations for and biannual elections of the Corporation for Corporators, Directors, and Officers. The latest election process began in the fall of 2019 and was guided by an Election Committee chaired by Ginny White. Stephen Johns and Jack White also served on the committee. All new terms usually start at the CCA National following the election. This year, because the CCA National was cancelled, Officers, Board Members, and Corporators in the class of 2024 took office on April 2, 2020:

### **Officers:**

President – Robette Johns  
Vice President – Krista Hansen  
Vice President – Gail Currie  
Treasurer – Karen Anderson  
Secretary – Mary Hunter

### **Board of Directors: The officers and**

William K. Brokken, MD  
David Hansen, DVM  
Rayleen Hendrix  
Pat Jung  
Helga Kane  
Gayle Kaye  
Nancy Kelso, DVM  
Nancy McDonald  
Pati Merrill  
Gerrie Oliver

### **Corporators – Class of 2024:**

Karen Anderson, Alinda Angerville, Gail Currie, Lydia Filzen, Chandra Flaim, Jean Framke, Kathy Gaume, Rayleen Hendrix, Mary Hunter, Robette Johns, Kathy Gaume, Gayle Kaye, Pati Merrill, Lori Montero, Eva Marie Taylor

### **Corporations in the Class of 2022 continuing their service for another two years:**

Dr. William K. Brokken, Mary Ann Campbell, Peggy Darington, Yvonne Evans-Coons, Dana Edwards, MD, Genee Foulkes, Amy Gau, David Hansen, DVM, Krista Hansen, Susan Hernquist, Pat Jung, Helga Kane, Nancy Kelso, DVM, Nancy McDonald, Gerrie Oliver, Isabel Ososki, Katrina Warsick

## **Subsides and Rebates Paid for Health Testing Done By CHF Members**

January through June 30, 2020

Type of Subsidy/Rebate	Total Subsidies/Rebates	Total \$ Amount
CEA testing rebate	10	\$500.00
DMS testing rebate	21	\$1,365.00
OFA registration subsidy	20	\$795.00
Optimal Selection Test subsidy	147	\$13,230.00
PRA testing rebate	5	\$250.00
Total	203	\$16,140.00

## *President's Trophy Award Winner 2019*

The President's Trophy was first awarded in 1988. The trophy is a one-of-a-kind bronze sculpture of a Rough Collie herding ducks and is titled "Poetry in Motion". The tradition of this award is that it is only given once in a lifetime to an individual. The original wording states that the trophy is awarded annually "to the Foundation member or members, who in the opinion of the President, contributed with outstanding professionalism and dedication to further the goals of the Foundation". Over the years, most of the people that have received this coveted award have become part of the bedrock ensuring the continuation and advancement of the Collie Health Foundation. Some volunteers work tirelessly in the background never expecting anything. This member is one of those people.

Our awardee for 2019 has been committed to the Collie Breed from childhood. The footprint left in the Collie world has already been set in cement, never to be washed away. This is a person I've always looked up to and asked for advice, especially when I took over as President four years ago. A breeder, exhibitor, and a renowned judge, the award recipient has always had the Collie's best interest in mind.

Growing up in Minnesota he was Salutatorian of his high school class and then earned his BS and MD from the University of Minnesota. After finishing his internship at San Diego General Hospital, he became a Lieutenant in the US Navy and served in Guam in 1966 and 1967 treating servicemen and women. He returned to Minnesota, serving a three-year residency at the Mayo Clinic and went on to practice Dermatology. He moved to Santa Barbara in 1980 where he now resides. A family man with three children and two grandchildren, the Collie was a huge part of their lives too.

This year's winner became a Corporator and served on the Board starting in 1998. At the same time, he started serving on the Grants committee and he is still serving today. With his wit, our winner was a big hit as the auctioneer at the 1991 CHF banquet and auction raising over \$4,000. Our awardee has served CHF for 22 years in his current capacity, while he found time to breed more than 40 champions and grand champions, judge the CCA National four times, and serve as President of the Quarter Century Group for 10 years. This year's deserving winner is one of my lifelong friends, William K Brokken, MD, Foremost Collies. Please let Bill know how much we appreciate his lifetime dedication to the Collie!



**Do you have some time to volunteer for CHF? The work can be done on a relaxed timetable and is not a huge investment of time. The Grants Committee's job is to find quality research to fund and present this to the CHF Board, but we are in need of a secretary to work directly with chairman Nancy Kelso, D.V.M., performing the following duties:**

1. Assist grants committee communications and communications with the CHF president; recording voting on grants by the grants committee
2. Maintain copy of grants approved by the CHF Board:
  - Keeping track of dates when payments are due and communicating this to the CHF treasurer
  - Keeping track of dates when grants should be completed, or updates given (usually every 6 months)
3. Keeping latest on AKC Donor advisor fund and AKC grant updates
4. Tracking all grants and making sure updates are posted to the website
5. Assist Grants chairman on grants committee updates for the CHF newsletter

## ***AKC/CHF GRANTS APPROVED FOR FUNDING!***

In May 2020, following recommendations from the Grants Committee, the Board of Directors voted to help fund the following AKC/CHF grants in the total amount of \$31,000.

### **Lymphoma Research Grants:**

#### **1. 02739-A: The Role of the Putative Tumor Suppressor Gene SETD2 in Canine Diffuse Large B-cell Lymphoma**

Principal Investigator: Bonnie Harrington, DVM, PhD; Michigan State University  
CHF Funding: \$7,500

**Project Abstract:** Lymphoma is a common, deadly cancer affecting both humans and dogs. Effective therapies without side effects are lacking. This study will investigate the role of a gene called SETD2 in the development of canine lymphoma. SETD2 is often disrupted in human cancers, including lymphoma, and preliminary data suggest a similar gene disruption in canine lymphoma. The work set forth will confirm alteration of this gene in dogs and evaluate whether and how it is related to clinical factors, including severity of disease, resistance to treatment, and dog breed. Overall, these studies will establish the significance of SETD2 dysfunction in canine lymphoma, laying the groundwork for future investigations to understand how this gene contributes to cancer development and how to more effectively treat canine lymphoma.

#### **2. 02772: Identifying Early Stage Ultra-rare Mutations as Predictive Biomarkers of Lymphoma in High-risk versus Low-risk Breeds Within the Dog Aging Project**

Principal Investigator: Daniel Promislow, PhD; University of Washington  
CHF Funding: \$7,500

**Project Abstract:** The most common type of cancer in dogs is lymphoma, with ~80,000 cases diagnosed annually in the United States. Breeds vary in their risk of lymphoma, but it is unclear why there is variation despite considerable effort to identify the genetics of cancer risk and progression in dogs. Cancer typically arises from the accumulation of non-inherited (i.e. somatic) mutations. However, variation among breeds in cancer risk could be due to breed-specific variation in the types of mutations, the rate of accumulation of mutations, or the downstream effects of mutations in healthy dogs. This study will use novel sequencing technology to test the hypothesis that breed-specific lymphoma risk is due to variation in the frequency and type of rare precancerous mutations. Normally, measuring these low-frequency mutations has been beyond the range of standard sequencing technology, which is limited to detecting mutations present in >1% of cells. The new technology applied here represents a >10,000-fold improvement in accuracy, enabling the investigators to accurately detect a precancerous mutation present at a single site at a frequency of just one out of every 10 million DNA base pairs. By determining if mutation frequency in blood of healthy high-risk and low-risk dogs can predict lymphoma risk, this work could lead to the development of novel tests for the early diagnosis and prognosis of canine lymphoma. This work has the potential to shed light on the mechanisms that underlie breed-specific variation in lymphoma risk, and in the long term, could lead to the development of novel tests for the early diagnosis and prognosis of canine lymphoma.

### **Osteosarcoma Research Grant:**

#### **1. 02768: Defining the Functional Consequences and Therapeutic Vulnerability of Dystrophin Alterations in Canine Osteosarcoma**

Principal Investigator: Cheryl A. London, DVM, PhD; Tufts University  
CHF Funding: \$4,500

**Project Abstract:** Osteosarcoma is the most common primary bone tumor in dogs, predominantly occurring in large and giant breed dogs such as the Great Dane, Irish Wolfhound, Rottweiler, Greyhound and Golden

Retriever, among others. While surgery and chemotherapy help improve outcome for patients, over 90% of dogs will develop chemotherapy resistance and die due to disease progression within one year. Therefore, new treatment approaches are needed for dogs with osteosarcoma. The investigators previously performed whole genome sequencing of canine osteosarcoma tumors and identified large deletions in DMD, the gene that encodes the dystrophin protein. Loss of this protein is associated with more aggressive cancers in people, however virtually nothing is known about the role of dystrophin in canine osteosarcoma. This study will determine the incidence of DMD gene deletions across a larger number of osteosarcoma tumors and validate a targeted sequencing panel to rapidly identify these deletions in client-owned dogs with osteosarcoma. Additionally, the investigators will characterize the role of DMD deletions in tumor biology to determine the best way to treat osteosarcoma tumors with DMD deletions. This work will lay the groundwork for future prospective clinical trials targeting genetic mutations in dogs with osteosarcoma.

## Oncology Research Grant:

### 1. 02783: Transcriptional Profiling of Canine Soft Tissue Sarcoma

Principal Investigator: Andrew D. Miller, DVM; Cornell University  
CHF Funding: \$6,000

**Project Abstract:** Soft tissue sarcomas account for 10-15% of all skin and subcutaneous cancers in dogs. Traditionally, biopsy and subsequent histology have been the primary means of diagnosing these cancers. The histology is assigned to one of three grades ranging from low (grade I), intermediate (grade II), and high (grade III). Histologic grade is currently the key criterion for guiding treatment and determining patient outcome. However, in human medicine and pathology, soft tissue sarcomas are diagnosed with a hybrid approach that involves both histologic features and genetic analysis of the tumor sample. This genetic analysis guides further treatment, aids in developing accurate follow-up information, and has been shown to have a positive effect on patient outcome and survival. Despite how common soft tissue sarcomas are in the dog, current veterinary care still relies solely on the histologic grade, which is subjective at best, and does not incorporate genetic data into the diagnostic plan. This study will perform transcriptome analysis on 300 canine soft tissue sarcomas in order to establish the transcriptome profile of canine soft tissue sarcoma and correlate this transcriptome to patient follow-up. This will allow for the formation of a hybrid diagnostic approach that will provide more accurate information to inform the prognosis for dogs afflicted with soft tissue sarcoma.

## Neurology Research Grant:

### 1. 02800: Defining the Effect of Genotype, Breed and Age on the Risk of Developing Canine Degenerative Myelopathy and Investigating the Molecular Mechanisms Underlying That Risk

Principal Investigators: Gary S. Johnson, DVM, PhD and Joan Coates, DVM, MS; University of Missouri  
CHF Funding \$6,000

**Project Abstract:** Canine degenerative myelopathy (DM) is a progressive and inevitably fatal neurological disease affecting members of different dog breeds and mixes. It is an inherited disease with an age-related penetrance. The risk of developing the disease when dogs are homozygous for the causal SOD1 variant allele is currently unknown but of great concern to dog breeders and owners. The proposed research will further define the risk for developing DM in genetically at-risk dogs with a health survey distributed to dog owners whose dogs have been tested for the risk factor allele. This work will also examine the molecular mechanisms responsible for disease onset and spread by comparing single-nucleus RNA expression patterns in specific cell types in dorsal root ganglia from normal dogs and from affected dogs at various stages of the disease.



## *AKC/CHF Research Initiatives*

Over the years, the Collie Health Foundation has partnered with the AKC/CHF on four research initiatives in addition to directly helping to fund AKC/CHF grants such as those listed on the previous two pages.

### **BLOAT**

The first research initiative we participated in was in 2013 when we became a Champion level inaugural sponsor of the Bloat Initiative, an ambitious effort in education and research, with a donation of \$50,000. Currently there are no active research projects related to Bloat.

### **EPILEPSY**

In May 2014, the Collie Health Foundation Board voted to again join with the AKC/CHF and support their Epilepsy Initiative as a Champion Sponsor, pledging \$50,000 toward the initiative.

Epilepsy is the most common medical neurological disorder in dogs. The term epilepsy refers to recurrent seizures resulting from an abnormality in brain function. The condition can be inherited (genetic epilepsy), caused by structural problems in the brain (symptomatic epilepsy), or may be of unknown cause (idiopathic epilepsy). The goal of the Initiative is to provide funds to support innovative research that will advance understanding of the mechanisms underlying epilepsy, leading to more effective treatments, as well as provide educational resources for dog owners and veterinarians.

In April 2017, the Board voted to give another \$25,000, matched by the American Kennel Club, to the AKC/CHF epilepsy initiative.

Current AKC/CHF-Funded Epilepsy Studies:

- 02792-A - Do Dogs Get Temporal Lobe Epilepsy? Clinical Signs, Magnetic Resonance Imaging and Pathological Findings in Epileptic Dogs
- 02566 - Genetics of Idiopathic Epilepsy in Labrador Retrievers
- 02561 - Is Gut Dysbiosis Associated with Canine Idiopathic Epilepsy?
- 02323 - Efficacy of Cannabidiol (CBD) for the Treatment of Canine Epilepsy
- 02252 - Investigating a Ketogenic Medium-Chain Triglyceride (MCT) Supplement for the Treatment of Drug-Resistant Canine Idiopathic Epilepsy and Its Behavioral Comorbidity

### **TICK-BORNE DISEASE**

In Fall 2017, the Board voted to partner with the AKC/CHF as a Champion Sponsor of their Tick-Borne Disease Initiative, granting \$50,000 toward the initiative. CHF's donation was matched by the AKC.

Tick-borne disease is a growing threat to canine and human health. Disease occurs when ticks infected with a pathogen bite a dog or human and transmit the pathogen into the body. Our research initiative aims to find better diagnostics, preventives, and treatments for tick-borne disease.

Current AKC/CHF-Funded Tick-Borne Disease Studies:

- 02553 - Targeted next generation sequencing panel for comprehensive testing of vector-borne pathogens
- 02528 - Developing a Next Generation Sequencing Diagnostic Platform for Tickborne Diseases
- 02386-- A Surveillance of Hepatozoon americanum In Populations of the Gulf Coast Tick Vector

### **HEMANGIOSARCOMA**

The final AKC/CHF research initiative supported by CHF is the Hemangiosarcoma Initiative. The AKC/CHF announced the AKC would match all donations made in support of canine hemangiosarcoma research, up to \$250,000 so in early May 2018, the Board voted to join the initiative as a Champion Sponsor, donating \$50,000.



Hemangiosarcoma is an aggressive and common cancer in dogs which can develop in any tissue or organ. While cutaneous masses are often treatable by tumor excision, tumors affecting internal organs are associated with poorer prognosis and are almost always incurable. The AKC Canine Health Foundation is committed to funding studies that work to find new prevention strategies, earlier diagnostics, and point of attack treatments for this devastating disease.

Current AKC/CHF-Funded Hemangiosarcoma Studies:

- 02759 - Reprogramming the Tumor Immune Niche in Canine Hemangiosarcoma
- 02746-A - Evaluation of Serum miRNA as a Diagnostic Tool for Canine Splenic Hemangiosarcoma
- 02534 - Clinical Trial for Evaluation of Propranolol and Doxorubicin in the Treatment of Canine Hemangiosarcoma
- 02519 - Prevalence of Bartonella spp. Infection in Dogs with Cardiac and Splenic Hemangiosarcomas within and between Geographic Locations
- 02510-T - Identification of Novel Synthetic Lethal Partners to Optimize PI3K Targeted Therapies in Canine Hemangiosarcoma

If you are interested in reading more about any of the studies, go to <https://www.akcCHF.org/research/research-initiatives.html>.

## *Special Collies Needed*

### **Research Studies Need Volunteers**

#### **Dermatomyositis Modifier Study: Clemson University – Dr. Leigh Anne Clark**

Collies that are 8 years old and older – DMS Genotype AA/bb & Collies with signs of DMS  
Clemson will test any dog with signs of DMS for free. Please contact Sarah Murphy at  
[scmurphy@g.clemson.edu](mailto:scmurphy@g.clemson.edu)

#### **Epilepsy Study: Clemson University – Dr. Leigh Anne Clark**

Dr. Clark is looking for Normal controls for this study. Collies should be 8 years or older and 1) have no sign of epilepsy and 2) have no relatives with epilepsy. Three generation pedigrees must be provided. Prefer dogs that have had one owner and have lived indoors.

Dr. Clark needs epileptic Collies. Dr. Clark prefers a pedigree on the epileptic Collies too but will take the sample anyway if necessary. Samples should be blood. Please contact Sydney Abrams at  
[srabram@g.clemson.edu](mailto:srabram@g.clemson.edu)

**If you have dogs banked with CHIC that fit these studies, please let Sarah or Sydney know.**

### **DMS Survey Participants Needed!**

Sarah Murphy, Ph.D. Candidate, Clemson University is asking for our help with a confidential survey they have created to collect the information necessary to determine if a relationship exists between body size and DMS genotype. You will be asked to provide sex, coat type, the height, weight, approximate age at measurement, and DMS genotypes of your dog.

If you are interested in helping, please go to:

<https://docs.google.com/forms/d/e/1FAIpQLSdl9UxwaFa7QqBt3ppDA26VT7b6NlkWxrGnbE2eEWZwplkkrA/viewform>

# Collie Health Foundation 2020 Health Studies

Responsible Collie breeders will want to take advantage and be involved in ongoing studies that can be done for all Smooth & Rough Collies whether they are a part of your breeding program, a family pet and/or rescue so that you can be sure that your dogs, and the ones you own in the future have the best chance at a long, happy, healthy life. These studies are currently available.

Study	Description of Study Topic	Method and Test Study Information	Contact
Dermatomyositis DMS	Dr. Leigh Anne Clark's genetics lab at Clemson University is looking for additional gene(s) underlying development of DMS in collies	Blood samples are requested from collies that have been diagnosed by skin punch biopsy. Dogs that have not been diagnosed by skin punch biopsy but are strongly suspected of having DMS may also be eligible. Participants will be provided with DMS risk assessment results. ** <b>NEEDED SENIORS 7+ WITH DMS RESULTS AA/bb **</b>	Sarah Murphy <a href="mailto:scmurph@g.clemson.edu">scmurph@g.clemson.edu</a> (864) 656-4696 154 Poole Agricultural Center 130 McGinty Ct. Dept. of Genetics & Biochemistry Clemson University Clemson, SC 29634-0318
CEA Coloboma Research	Dr. Gustavo Aguirre, VMD, PhD, University of Pennsylvania is supporting further research in both of these areas.	<p>Needed now:</p> <p>Group 1 (10-15 samples) are dogs that have had a clinical diagnosis of choroidal hypoplasia only by a veterinary Ophthalmologist, and are affected by the CEA DNA test.</p> <p>Group 2 (10-15 samples) are dogs that have had a clinical diagnosis of choroidal hypoplasia AND Coloboma by a veterinary Ophthalmologist, and are affected by the CEA DNA test.</p> <p>Please make sure that, in addition to the completed form and blood sample, that the following is submitted:</p> <ul style="list-style-type: none"> <li>- pedigree</li> <li>- copy of the CERF (now CAER) of the eye examination form.</li> <li>- copy of the DNA test results from OptiGen/Wisdom Health</li> </ul>	<p>Reimbursements include supplementing the subsidy for the Optimal Selection test, cost \$60, add on CEA \$25, blood draw by veterinarian, and two-day shipping to the University of PA. You do not need to be a member to participate nor own all the Collies for this study. <b>We will guarantee the all information will be kept private as it is our fiduciary responsibility with the Foundation.</b></p> <p>To participate please contact Robette Johns – <a href="mailto:president@colliehealth.org">president@colliehealth.org</a> or Dr. Nancy Kelso – <a href="mailto:collievvet@msn.com">collievvet@msn.com</a></p> <p>Dr. Murgiano – <a href="mailto:leomur@vet.upenn.edu">leomur@vet.upenn.edu</a> Ms. Lydia Melnyk – <a href="mailto:lmelnyk@vet.upenn.edu">lmelnyk@vet.upenn.edu</a></p>
Identification of Von Willebrand's Disease (vWD) causal mutation and development of a direct DNA test	CHF supporting research by looking for participants – collies that bleed excessively or unexpectedly. Prefer samples from dogs who already have results for the factor assay test and show reduced vWF factor levels.	Swabs available by contacting Ann Arnold at VetGen for details. Please include a blood assay test if your veterinarian has done one.	3728 Plaza Drive, Suite 1 Ann Arbor, Michigan, 48108 USA Phone: (734) 669-8440 (800) 483-8436, (Fax: (734) 669-8441 VetGen E-mail: <a href="mailto:vetgen@vetgen.com">vetgen@vetgen.com</a> VetGen vWD2



Study	Description of Study Topic	Method and Test Study Information	Contact
<p>Abnormalities in the Stomach's Ability to Contract</p>	<p>The goals of Dr. Nelson's study are to determine the relationship of abnormal stomach contraction with GDV and to define the biochemical and genetic alterations that may be associated with these stomach abnormalities. In the long term, they hope to develop a test to identify dogs at high risk for GDV that would allow selective breeding to eliminate the condition and to determine which dogs will benefit most from prophylactic gastropexy or other preventive therapies.</p>	<p>Contact Dr. Nelson for information</p>	<p>Dr. Laura L. Nelson, DVM, MS, Diplomate ACVS Michigan State University Small Animal Clinical Sciences E-mail: <a href="mailto:michae19@cvm.msu.edu">michae19@cvm.msu.edu</a> 517-410-6847</p>
<p>Vesicular Cutaneous Lupus Erythematosus (VCLE)</p>	<p>Vesicular cutaneous lupus erythematosus (VCLE) is a variant form of cutaneous lupus erythematosus (CLE) that affects predominantly adult rough collies, Shetland sheepdogs and Border collies. Distinctive cutaneous lesions consist of annular, polycyclic and/or seriginous erosions and ulcerations, primarily affecting the axillae, ventral abdomen and groin with frequent involvement of mucocutaneous junctions and the concave aspects of the pinnae. Microscopic changes (skin biopsy) in dogs with VCLE reveal a lymphocyte-rich interface dermatitis with evidence of basal keratinocyte apoptosis, a pathology typical of CLE.</p>	<p>Our objectives are to investigate the VCLE prevalence in Collies with a further goal of performing genome-wide association study to discover a genomic region linked to VCLE in Collies.  <a href="https://www.colliehealth.org/articles/">https://www.colliehealth.org/articles/</a></p>	<p>Frane Banovic &amp; Robert Gogal Immunodermatology Laboratory  College of Veterinary Medicine 2200 College Station Road University of Georgia 30606, Athens, GA, USA Email: <a href="mailto:fbanovic@uga.edu">fbanovic@uga.edu</a></p>

Study	Description of Study Topic	Method and Test Study Information	Contact
<p>Identification of Genetic Risk Factors for Epilepsy in Collies</p>	<p>Dr. Leigh Anne Clark proposes to conduct a genome-wide association study (GWAS) to determine if regions of the genome are associated with epilepsy in collies. As epilepsy is a genetically complex disorder, we propose a large study comprised of 50 epileptic collies and 100 healthy control collies. In Objective 2, she will generate whole genome resequencing data from epileptic and healthy collies to identify specific genetic variants that may confer risk to, or protection from, epilepsy. The long-term goal of this research is to develop a genetic test to enable selective breeding practices that will reduce the incidence of epilepsy among collies while preserving genetic variation.</p>	<p>Blood sample. Contact Sydney Abrahams, PhD for details. If you dog has been banked with CHIC please let Dr. Clark know.</p>	<p>Sydney Abrahams, PhD <a href="mailto:srabram@g.clemson.edu">srabram@g.clemson.edu</a>  864-656-4696 154 Poole Agricultural Center 130 McGinty Ct. Dept. of Genetics &amp; Biochemistry Clemson University Clemson, SC 29634-0318</p>
<p>Martha E. Hoffman CHIC DNA Banking Project</p>	<p>Contributing to this project will be one of the most important things you can do to preserve the future of the Collie breed. With the gene pool of all purebred dogs shrinking, breeders need to make health testing the cornerstone of their breeding program. With your help, we will have a DNA bank that all approved researchers will have access to when they need samples for genetic research projects.</p>	<p>Blood sample. CHF will pay the \$20 CHIC DNA Banking fee for all collies. CHF will reimburse (with receipts) up to \$125 for collection &amp; shipping costs. We ask that you do multiple dogs at a time to keep these costs under control.</p>	<p>For more information and forms visit: <a href="https://www.colliehealth.org/dna-banking/">https://www.colliehealth.org/dna-banking/</a></p>

<b>Study</b>	<b>Description of Study Topic</b> CHF supporting the research of Companion Animal Epilepsy Research at NC State University College of Veterinary Medicine to determine whether dogs with idiopathic epilepsy have alterations in their gut microbial population. We are looking for households with an epileptic dog and an unaffected dog to compare the bacterial populations within their gastrointestinal tract. Feces will be collected from both dogs to compare their gut microbiome	<b>Method and Test Study Information</b> Requirements: <ul style="list-style-type: none"> <li>• Owners must be willing to collect a one-time fecal sample from both dogs and send samples to NCSU CVM (pre-paid shipping). Owners will also be required to complete a brief online questionnaire at the time of sample collection.</li> <li>• All study materials, including shipping, will be covered by the study &amp; include: <ul style="list-style-type: none"> <li>• Free fecal floatation to examine for parasites</li> <li>• Participation will provide additional information about epilepsy that may help your dog or other animals in the future</li> <li>• Households must have one dog with epilepsy and one unaffected dog</li> <li>• Epileptic dog must have presumptive diagnosis of idiopathic epilepsy based on seizure onset between 6 months and 6 years of age, and not be on seizure medication or be on phenobarbital alone</li> <li>• Both dogs must not be on any other medications aside from monthly preventatives</li> <li>• Dogs must be fed the same diet</li> </ul> </li> </ul>	<b>Contact</b> Contact: Julie Nettifee, RVT, BS, VTS (Neurology) janettif@ncsu.edu Website for more info: <a href="http://www.go.ncsu.edu/epilepsyresearch">www.go.ncsu.edu/epilepsyresearch</a>
<b>Study</b> More Studies	<b>Description of Study Topic</b> For information and to stay up on recent studies for all breeds visit the two sites listed. AKC Canine Health Foundation & Morris Animal Foundation.	<b>Method and Test Study Information</b>	<b>Contact</b> <a href="http://www.akcchf.org/">http://www.akcchf.org/</a> <a href="https://www.morrisanimalfoundation.org/dogs">https://www.morrisanimalfoundation.org/dogs</a>





**COLLIE HEALTH**  
FOUNDATION

# Welcome to the Family!

The Collie Health Foundation Welcomes  
the Following New Members

Alexa Accettura  
New Windsor, NY

Karen Craven  
Thurmont, MD

Rebeca Julien-Moe  
Maple Valley, WA

L. Coleen O'Reilly  
West Jordan, UT

Susan Ackerman  
Grants Pass, OR

Martha Culver  
Dundalk, Ontario

Ruth Kephart  
Glen Hope, PA

Valentine Orgeron  
Lake Stevens, WA

Marily Arteaga  
Evans, CO

Valerie Delebreaux  
Casco, WI

Joseph Linsalata  
Havre de Grace, MD

Wanda Pride  
New Orleans, LA

George Avery  
Hartford, AL

Debbie DeLuco  
Beecher, IL

Patricia Losure  
Cornwall on Hudson, NY

Georgia Santucci  
Cranbrook, B.C.

Louise Baker  
Pickerington, OH

Shara Earle  
Pincher Creek, Alberta

Tim McCollister  
Cassatt, SC

Carol Sleeth  
Kingston, Ontario

Janice Barry  
Novelty, MO

Alicia Encoyand  
Coulterville, CA

Bret McCrystal  
Harrodsburg, KY

Joshua Smith  
Landover, MD

Trisha Blincoe  
Vancouver, WA

Alene Evans\*\*  
Belfair, WA

JoAnn McGrath\*\*  
Silver Springs, NV

Carmel Ann Sperti  
Oneonta, NY

Caitlin Bourque  
Goldsboro, NC

Shawn Evans  
Mocksville, NC

Hope Mielke  
Nunn, CO

Dee Varney  
Elyria, OH

Theresa Brown\*\*  
Nevada, IA

Renee Feest  
Orange Park, FL

Edee Moore  
Dryden, VA

Linda Vinciguerra\*\*  
Staten Island, NY

Therese "Tez" Bryars  
River Ridge, LA

Jeanette Golson\*\*  
Warrensburg, MO

John Moyle  
Dallas, Texas

Dina Wang  
Lancaster, CA

Michael Buffam  
Beaverton, OR

Skye Goode  
Neillsville, WI

Elaine Nance\*\*  
Los Lunas, NM

Kelly Wheeler\*\*  
Albany, OR

Hannah Cain  
Moreno Valley, CA

Alana Group  
Belfair, WA

Sandra Faria Nesmith  
Modesto, CA

Suzanne Wise\*\*  
Nelson, NE

Sheila Carter-Field  
Elizabeth, CO

Stuart Hemming  
Greenland, NH

Note: \*\*indicates previous member... **Welcome Back!**  
New Members – February 16, 2020 through June 30, 2020

## Donations in Honor/Celebration/Memory/General Donations February 16, 2020 – June 30, 2020

<b>Donor</b>	<b>In honor/celebration/memory of...</b>
Greenville Kennel Club	In Honor & Celebration of the 90th Birthday of Bobbie Fairbanks of Azalea Hill Collies from our membership
Doug Aiken	In Honor of Bill Brokken
Cindy Alvarado	In Memory of my unforgettable mentor in Collies, Bettie Crawford, who was an inexhaustible source of knowledge, friendship, and laughter. I still miss her
Karen Anderson & Susan Hernquist	In Memory of GCH Lonepine Who Knew owned by Vicky Kniss
Karen Anderson	In Memory of Helene Forthal
Phyliss Autrey	In Memory of Rose McDonald
Patt Caldwell	In Honor of all health/critical care workers, first responders and essential care workers who are on the job for our well-being. Thank you all.
Melissa Campbell	In Memory of Dougal & Hamish Campbell
Pam Cockrell	In Memory of all the Collies that have lived at Roxam in the past. You all are still loved and missed
Kate Douglass	In Memory of Jean DeGruchy
Connie DuBois, Cindi Bossart, Earl Liverance & Simon Klaver	In Memory of GCHG Sylvan Argent Hollywood and Vine - Marilyn
Lydia Filzen	In Memory of her husband, Larry Filzen
Denise Fitzgerald	In Honor of Rory, Shelby & Cassie
Chandra & Frances Flaim	In Honor of Giovanni - GCH Qualteri's Highland Warrior
Gail Hetzel	In Memory of GCHB Apple Valley Free Spirit
Martha Ives	In Memory of her dog Amber
Janet & Edward Jeffries	Matching Donation
Robette & Stephen Johns	In Memory of Jane Dixon of Singing Hills Collies and Shelties. She was a mentor, a role model for me as a judge, and most of all a lifetime friend
Robette & Stephen Johns	In Memory of CH Row-Bar's Dalamore Lacey HT who was a loving, smart, and beautiful Collie
Gayle Kaye	In Memory of Helene Forthal
Susan Larson	In Memory of DC Northshield's Rangefinder, HSAd, HSBd, HIAd, HIBd, HXAd
Kate Long , CCA District Director (FL)	Proceeds from Meet the Breeds Raffle held at AKC National Championship Orlando, FL

## **Donor continued**

Kate Long  
Dr. Stephen & Nancy Machinton  
Maureen McGrath  
Pati & Grant Merrill  
Pati & Grant Merrill  
Stephen Mierz & Family  
June Morris  
Marie & Blair Mullin  
Robert Myers  
Gerrie Oliver  
Gerrie Oliver  
Eileen Oswald  
Bernice Parks  
Joe & Terry Pegram  
Frances Preston  
Mary & Rose Robischon  
Mary & Rose Robischon  
Mary & Rose Robischon  
Mary & Rose Robischon  
Elise Roper  
Jeanine Stannard  
Debbie Taylor  
Katrina Warsick & Gail Currie  
Katrina Warsick  
Heidi Webster  
Heidi Webster

## **In honor/celebration/memory of....continued**

In Memory of MBIS/MBISS GCH-B Sunnland's Grand Entrance,  
HSAs - Greta  
In Memory of RachLen's Special Showgirl - Lola  
In Memory of Lad, Tad, Pepper, Ruff, Beau Lassie  
In Memory of Larry Filzen  
In Memory of Steve Cheatham  
In Memory of Jody the beautiful smooth collie loved & owned by Judy  
& Ken Virchow  
In Memory of Steve Cheatham  
In Memory of MBIS/MBISS GCH-B Sunnland's Grand Entrance,  
HSAs – Greta  
In Memory of his wife Lynn  
In Honor of Norwood Collicove Contessa  
In Memory of Jean DeGruchy  
In Memory of Rose McDonald, mother of Nancy McDonald  
In Honor of Tory & Luwa  
In Memory of Southland's A Place In The Sun BN CD RN HIAs -  
Tanner  
In Memory of CH Riverrun Daydream, CGC – Beth  
In Memory of Jean DeGruchy  
In Memory of Jim Liddle  
In Memory of Helene Forthal  
In Memory of Tommy Chisholm  
In Memory of Richard Sayre  
In Memory of Can CH Alciara's Can You Imagine HS  
In Honor of 2018 Shining Star Co- Ambassador for all of his  
humanitarian efforts  
In Honor of Debbie Holland for all she has done for collies and for  
being a wealth of knowledge  
In Honor of Pati & Grant Merrill for their devotion to collies and for  
their love to us – Miracle, David, Skyler, Lyra & Katrina  
In Memory of Cassidy  
In Memory of Ralph Laube



## The Following Supporters Made Donations to the General Fund

Krista Allison	Dr. David Hansen	Nancy Kelso, DVM	Sue Rioux
Karen Anderson	Krista Hansen	John & Norma McAndrew	Nick & Anne Smith
Leslie Butler	Rayleen Hendrix	Heidi Mendez	Carolyn Taylor
MaryAnn Campbell	Mary Hunter	Pati & Grant Merrill	John Thompson
Yvonne Coons	Doreen Ingrassia	Sally Mobraaten	Peg Vohr
Jean Framke	Terrell Jones	Karrie & Emily Nix	Susan Webber
Janice Geller	Pat Jung	Gerrie Oliver	Sabrina Wenrich
Joan Hamilton	Gayle Kaye	Isabel & Edward Ososki	Joan White



## *Celebrating Our Seniors!*

February 16, 2020 through June 30, 2020

Horizon's Calico Skies CD RA - Katie  
DOB: 5/18/2003 – 4/9/2018  
Breeder: Vickie Sizemore  
Owner: Sue Webber

Marleigh Rudebeck RN FDC NAP NJP CA BCAT  
CGC TKI IT HIC RATI JS-N  
DOB: 4/1/2008 (appx)  
DOD: 6/2/2020  
Breeder: unknown, adopted from Cascade Collie  
Rescue

Can. CH.Tallywood Glitterati – Hush  
DOB: 9/8/2005  
Breeder: Nancy Anstruther  
Owner: Wendy Reekie

CH Chelsea Blonde Bombshell - Harlow  
DOB: 2/2/2009  
Breeder/Owner: Gayle R. Kaye

Parker  
DOB: 4/7/2006 (approx.) – 4/27/2020  
Breeder: unknown, adopted from Cascade Collie  
Rescue  
Owner Jaclyn Rudebeck

GHCB Chelsea Casanova Cowboy - Grissom  
DOB: 5/1/2010  
Breeder/Owner: Gayle R. Kaye



# Collie Health Foundation Statement of Financial Income and Expense

Accrual Basis

January through June 2020

	TOTAL
<b>Income</b>	
4000 · Direct Public Support	8,153.59
5200 · Membership Income	38,160.00
5300 · Investment Income	20,151.61
5400 · Revenue from Other Sources	
5401 · Income Promotion	5,391.60
5402 · Expense Promotion	-8,634.97
<b>Total 5400 · Revenue from Other Sources</b>	<b>-3,243.37</b>
5800 · Special Events Income	
5810 · CCA Income	0.00
5820 · CCA Expenses	-390.00
5860 · Sunnybank Income	252.00
5870 · Sunnybank Expenses	-300.00
<b>Total 5800 · Special Events Income</b>	<b>-438.00</b>
6800 · Unrealized Gains and Losses	1,427.59
<b>Total Income</b>	<b>64,211.42</b>
<b>Gross Profit</b>	<b>64,211.42</b>
<b>Expense</b>	
7000 · Grants & Direct Assistance	
7050 · Rebates	16,140.00
<b>Total 7000 · Grants &amp; Direct Assistance</b>	<b>16,140.00</b>
7500 · Contract Service Exp	6,028.02
8100 · Office	995.53
8500 · Other Expense	2,615.14
8600 · Business Expense	1,500.00
99010 · Bank Service Charges	0.00
<b>Total Expense</b>	<b>27,278.69</b>
<b>Net Income</b>	<b>36,932.73</b>

No CPA provides assurance on these reports.



**Collie Health Foundation  
Statement of Financial Position**

As of June 30, 2020

Accrual Basis

	Jun 30, 20
<b>ASSETS</b>	
<b>Current Assets</b>	
Checking/Savings	188,699.30
<b>Other Current Assets</b>	
1400 · Inventory	13,293.20
1500 · Investments	1,183,132.93
<b>Total Other Current Assets</b>	1,196,426.13
<b>Total Current Assets</b>	1,385,125.43
<b>TOTAL ASSETS</b>	<b>1,385,125.43</b>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
Current Liabilities	6,377.41
<b>Total Liabilities</b>	6,377.41
<b>Equity</b>	
3010 · Net Assets - Without	1,341,815.29
Net Income	36,932.73
<b>Total Equity</b>	1,378,748.02
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>1,385,125.43</b>

No CPA provides assurance on these reports

**A Friendly Reminder  
Collie Health Foundation Educational Grants**

What are the guidelines to apply?

- You must be a member club
- Your seminar must be health related and within the Foundations purposes
- You will need to tell us your costs, your expected attendance, etc. Be sure to list all your expense including printing, rent, speaker fees.
- If you are not sure if your seminar qualifies, contact Carmen Leonard or Patt Caldwell.
- Your member club or clubs can apply for up to \$500 per seminar. The Educational Grant Committee decides whether they feel the seminar is related to canine health. If they do, they send it on to the Board for approval or disapproval. The amount of the grant may also be changed by the Board.

Over the years, CHF has approved many different types of educational grants including a grants for a seminar on acupuncture and a seminar on reproduction. This year, the Board approved a grant for the CCA Breed Ed Committee on their seminar for the 2021 CCA National - The Ins & Outs of Pedigree Analysis, Genetic Diversity, & Genetic Disease Control.

You may download the new application from the Collie Health Foundation Website at:  
<https://www.colliehealth.org/grants/educational-grants/>

In these difficult times, we need to focus on the good things even if they are small. The Board voted to send Veteran Participation Medallions to all 42 of the Collies entered at the Collie Club of America National Specialty Show in Syracuse. If you had a veteran in the show, we salute you as we always salute our veterans. We hope through health testing we are lengthening the life span of our beloved Collies. Some of these beautiful veterans will not be able to travel to California for next year's show. Others might have crossed over the rainbow bridge, so we thought it was important to honor them in this small way.

The Foundation's Board also voted to send Junior certificates and the novelties they would have received from the CCA to all 18 Juniors entered. We saw so many Board members and Corporators step up and give money towards shipping and others helped write note cards and Ginny White provided the beautiful certificates for the Juniors. In the end, the volunteers stepped up and covered all of the costs involved with making a few people smile when they receive these special "thank-yous". It's one way to say, "the Collie Health Foundation cares". I want to thank all of you who helped in any way.

The Collie Club of America Breed Education Committee, in conjunction with CHF and Wisdom Health, just presented their first seminar on "Inherited Eye Disease Relevant to Collies." The seminar presentation should be up on the CHF's YouTube channel by the time you receive this and there may be other new seminars up on our channel as well. Please enjoy and learn some important things. Go to <https://www.youtube.com/channel/UCLIFqu0eOfrgNZsasG0xckA>

I hope that you stay safe and well. I'm already looking forward to the fall!

--Robette

