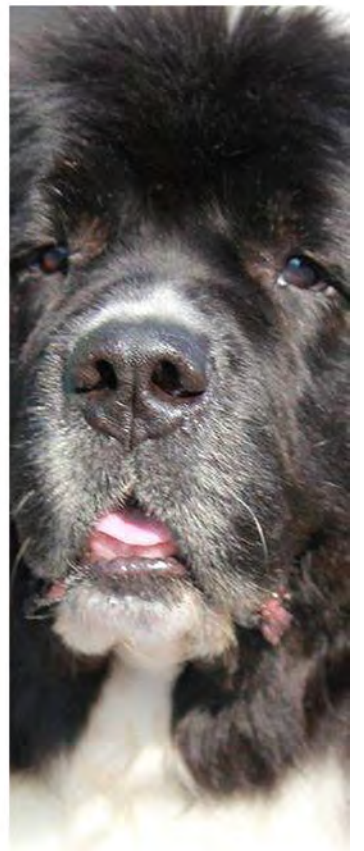




Annual Report



YOUR GIFT
THEIR FUTURE



**Newfoundland Club
of America
Charitable Trust**

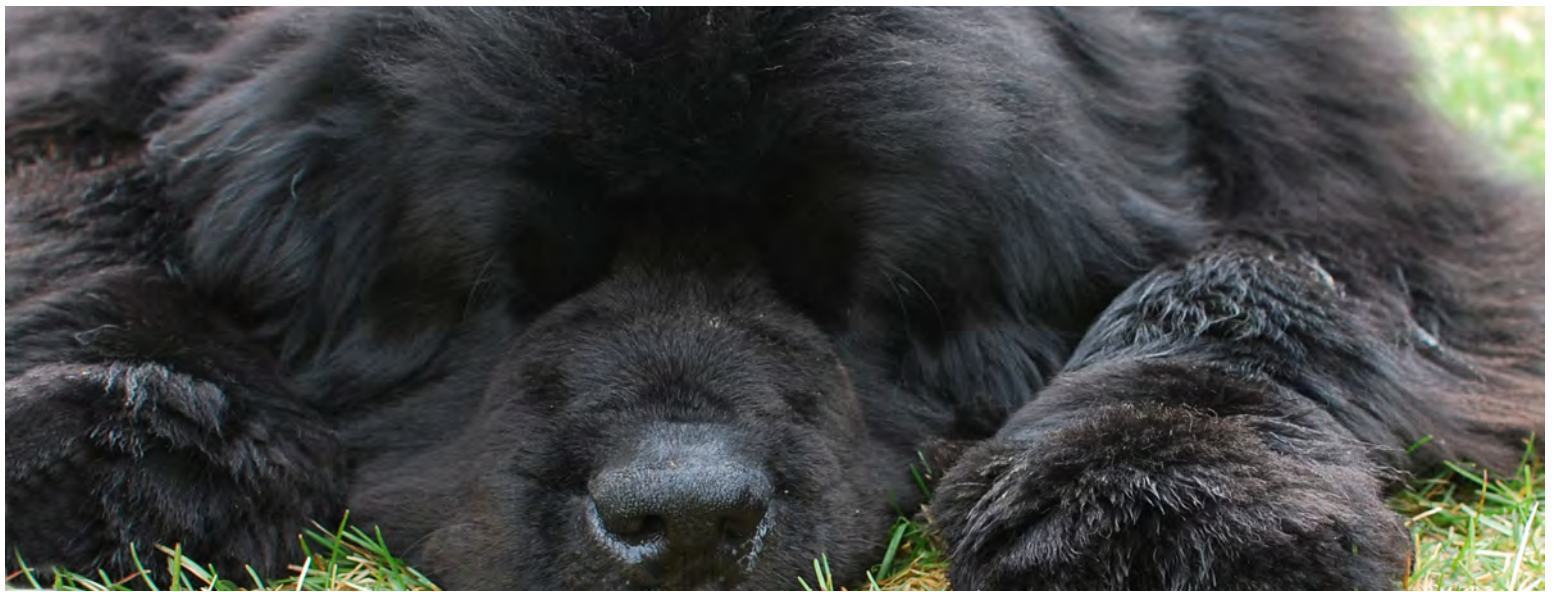


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*Working towards
a safe
and healthy
future
for every
Newfoundland*



Report of the Chairman

*“Learn from yesterday,
live for today, hope for
tomorrow.*

*“The important thing is
not to stop questioning”
Albert Einstein*

This past year has certainly lived up to the above quote from Albert Einstein. The year began with the NCA Trust being the recipient of three bequeaths from past NCA members. The CTMB, which manages these financial resources for the trust, felt the need to develop a long term investment policy for the trust that would prudently protect assets while providing a return on our investment capital to be used for future research, rescue and scholarship activities of the trust.

The NCA Trust Investment Policy was approved by the Trustee in May 2016 and the CTMB selected Morgan Stanley as our investment advisor. You can review our investments in the Trust financial reports. The Endowment Fund is our long term investments. Thus, learn from yesterday!

Newfoundland Rescue continues to be an ongoing responsibility for Mary L. Price, Diane Lynch and their army of volunteers across the US, Canada and the rest of the world. A large rescue of over 40 Newfoundlands was a formidable task but with the help of donors thru the *Precious Newfoundlands* campaign had a very successful outcome. The CTMB continues to support regional Newfoundland Clubs with rescue to support veterinary care and surgical procedures through grants from the NCA Trust Rescue Fund. Thus, taking care of Newfoundlands in need, live for today.

Our next challenge from the NCA Trustee was the inclusion of Education in the NCA Trust Mission and operating agreement. The NCA Trust retained NCA member attorney, Jeffrey Gibson, to help fulfill this task. The NCA Trust will submit the necessary changes to the Trust document to include Newfoundland Education:



“Education – To provide general education involving the care, raising, health, nutrition, training, disease, research, breeding, judging and exhibiting the Newfoundland breed.”

The CTMB will submit a document to the NCA Trust trustee to approve the criteria and application for education grants. Additionally, the CTMB will set up an Education Fund within the trust to accept tax deductible donations to be used for Newfoundland education. If you would like to donate to the Education Fund, mark your donation as designated for education. Thus, Hope for the future thru education.

The NCA Trustee approved increasing the NCA Junior Scholarship to \$3,000 per year and we can award up to two scholarships per year. The junior Newfoundland members are the future of the Newfoundland Club of America and it is exciting to see our juniors participate in conformation, obedience and working activities. The future looks bright with our juniors.

The CTMB continues to be active in supporting current research with \$35,000 committed to Morris Animal foundation to support funding of 3 grants and \$10,000 to support 2 Acorn grants at Canine Health Foundation and \$10,000 in support of the Canine Tick Borne Initiative to study tick borne diseases, as they are becoming more prevalent, especially with the spread of lyme disease and ehrlichiosis. Additionally, the CTMB through CHF has entered into a MOU (memorandum of understanding) with Dr. Joshua Stern and the Canine Cardiology Lab at the University of California, Davis Veterinary College to continue research with SAS in the Newfoundland dog. Updates on our research support appear in additional articles in this annual report and on our website, www.ncacharities.org

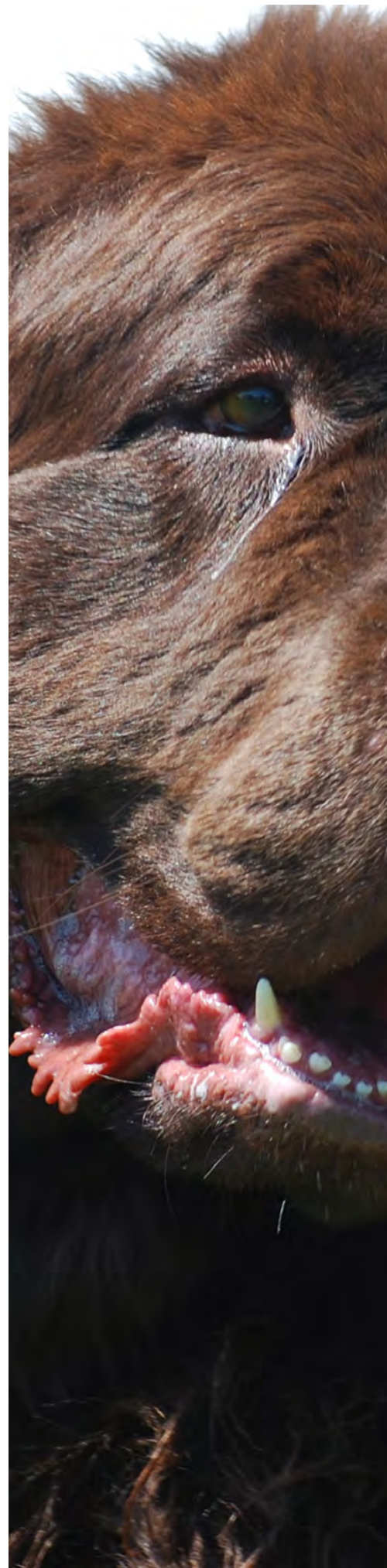
Long time CTMB members Janice Hight and Andy Zinsmeyer will be retiring from the board in April after the Annual Meeting. Janice served the board with expertise and representation from a Newfoundland pet owner perspective, who has been in the breed for many years and was very knowledgeable in Newfoundland collectibles and memorabilia. Janice’s insight and guidance helped the NCA Trust to get where we are today. Andy came to the CTMB with a wealth of experience in the field of financial planning and investment knowledge. He helped start our investment venture “the Dogs of the Dow” at Scottrade and then developed the Newfoundland Endowment Fund with the purpose of accumulating funds to earn monies to be used to support the future activities of the Trust. Andy aided in the development of the NCA Trust Investment Policy and the selection of our investment firm, Morgan Stanley. The members of the CTMB and I personally, would like to say a big “Thank You” to Janice and Andy for their service to the NCA Trust and insuring a healthy future for our Newfoundlands.

I would like to end this report with a big Thank You to you the NCA members and Newfoundland owners who support the NCA Charitable Trust with your donations of time, resources and volunteer efforts. Without your support the accomplishments of the trust would not be possible.

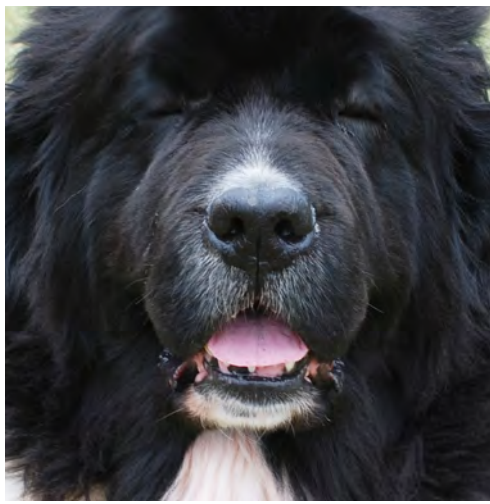
Someone once said “the only constant is change” and the NCA Trust and the CTMB is constantly changing and continuing to adapt and improve. To quote famous theoretical physicist and futurist, Stephen Hawking

“Intelligence is the ability to adapt to change”.

Clyde E. Dunphy, DVM



Rescue Report



*“The time is always right
to do what is right.”*

Martin Luther King Jr.

NCA Newfoundland Rescue was established in 1983 and, with the help of hundreds of dedicated Rescue workers, adopters and donors, over 1,300 Newfoundlands have been placed in new homes.

Donations, bequeaths, fundraising projects, and placement fees provide the resources to care for Newfoundlands surrendered to NCA Rescue. Grants are used to subsidize extraordinary veterinary care for Newfoundlands in regional Newfoundland clubs' rescue programs. The Barrister Fund grants are awarded to help Newfoundland owners facing unusual veterinary costs.

Inquiries generated through the NCA website, and other sources, are answered and referred to regional clubs' Rescue Services. Owners are counseled about surrendering to NCA Rescue,

placing Newfoundlands directly into new homes and, on rare occasions, are advised to euthanize due to unreliable aggressive behavior. The NCA Charitable Trust Management Board meets monthly to review NCA Rescue grant funding and investment strategies for the Rescue Endowment Fund for bequeaths to support NCA Rescue.

Please contact us with any questions about the NCA Rescue program. Foster care, potential adopters and donations are always needed.

*Mary L. Price, Chair
Diane Lynch, Asst. Chair*

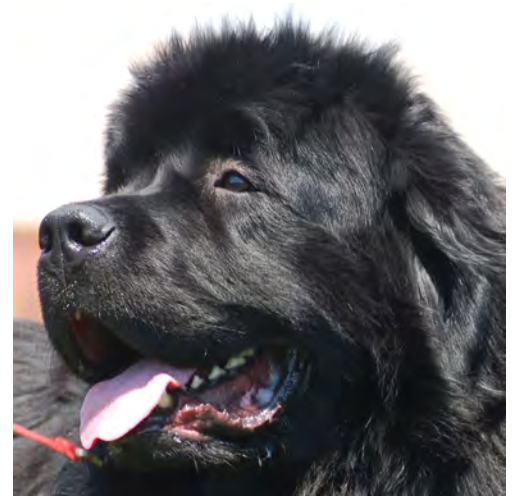
In 2016

*35 Newfoundlands were
surrendered to
NCA Rescue.*

*\$27,133.97 was spent
for veterinary care for
Newfs in NCA Rescue.*

*\$10,012.89 was granted
to Regional Club Rescues
for Newfoundlands in
their care.*





The Newfoundland Health Challenge (NHC) is responsible for raising funds to support active research regarding the health of our breed. Research is not an easy game to play. First, we must establish the current health problems in our breed, thus the Health Survey must be updated to identify where the health issues are shifting and then partner with OFA to publish it. From the statistics the Health Survey reveals, typically the top 5 become the targets of funding. That said, the top health concerns do not mean research will be available for us to support. Thus, we have established a partnership with both the AKC Canine Health Foundation(CHF) and the Morris Animal Foundation (MAF). Each of these organizations pair our top health concerns with ongoing research, new proposals, parent clubs with the same health issues, and when necessary release a request for proposal on a targeted health problem. Both Foundations require intense peer review at their level and then identify which proposals are

worthy of funding, and even so that does not mean that a researcher is going to submit a proposal or that research on a specific problem is worth their time. We continue to bet on the research game and we're winning thanks to the CHF and the MAF. All proposals released by the CHF or MAF after their intense internal peer review process are then reviewed by our Research Advisory Committee (RAC). When deemed worthy by RAC the proposal is sent to the CTMB which then reviews the findings and decides whether to approve the study and at what level of funding.

This is the foundation of the NHC, we must continue to raise funds to invest in the health of our breed, because the health of our breed is its future. We are blessed by our individual donors, often the gift will be as small as five dollars or as large as thirty thousand. Each dollar is counted one by one, so the amount is not the goal but the donation itself. These donations come

from the across the spectrum of the Newfoundland fancy both here and abroad. Another facet, are the regional clubs who continue to raise funds for the NHC, kudos to Seattle Newfoundland Club who raises funds each year for the NHC, they are a truly a steward of the breed. Thanks to all for their support of the NHC!

Newfoundland Health Challenge





Health Challenge

AKC Canine Health Foundation Research

The Newfoundland club of America Charitable Trust has been involved with the AKC Canine Health Foundation since its inception in 1995 as a Charter Member. The Mission of the CHF states:

“The Foundation is dedicated to advancing the health of all dogs and their owners by funding scientific research and supporting the dissemination of health information to prevent, treat, and cure canine disease.”

Their Mission closely supports the NCA Trust mission of “Scientific Research Activities - To participate in the forwarding of scientific research

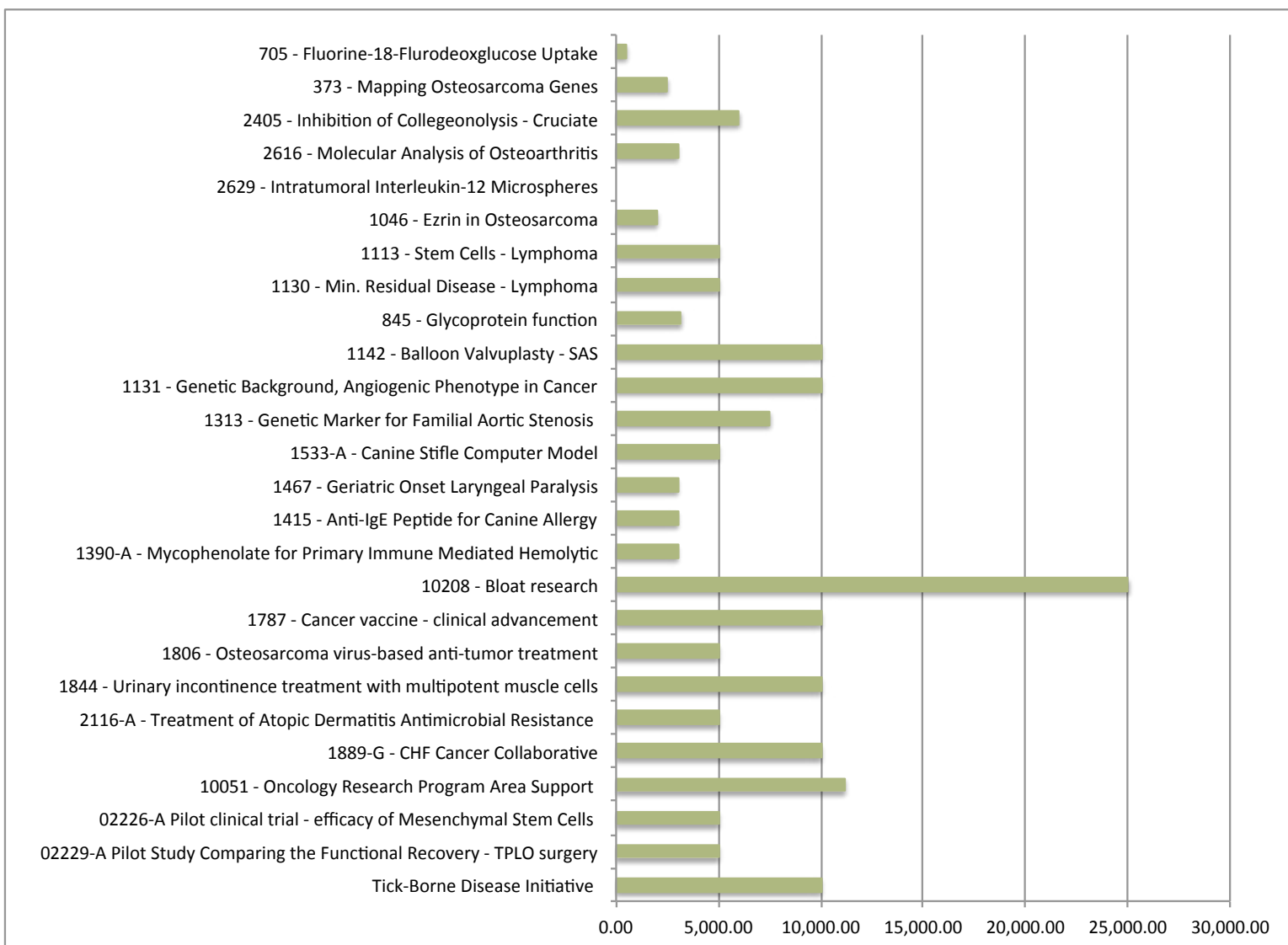
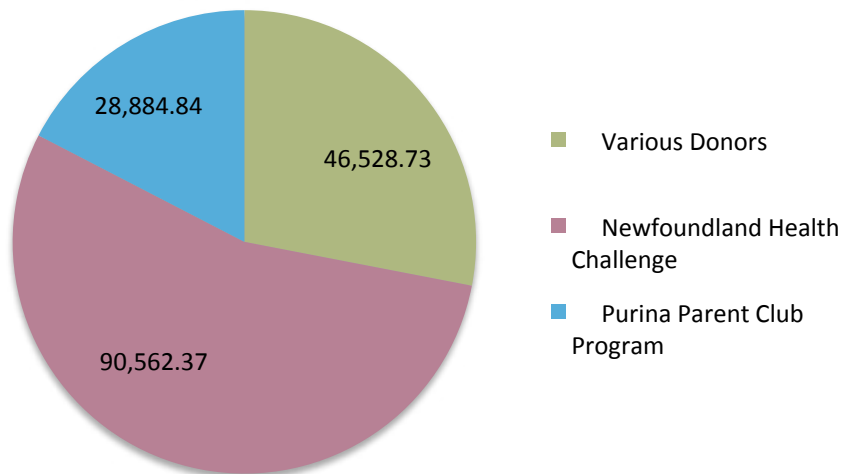
by Universities, Veterinary Schools, Research Veterinarians, and other reputable research-based sources to do research on canine diseases, conditions, and health related subjects affecting the Newfoundland breed, either by solely funding such activities or in cooperation with the Canine Health Foundation, the Morris Animal Foundation or other similar organizations with the same goals.”

Working together since 1995 the NCA Trust, under the guidance of the Charitable Trust Management Board (CTMB), have funded 26 research Grants through the CHF with our investment of \$164,828 in support of these grants. The Newfoundland Donor Advised Fund at CHF is the mechanism for the dispersal of the monies donated by individuals, corporations and the NCA Trust to the DAF.

Working together we have supported research in the following areas: Tick borne disease, TPLO surgery, Stem Cell research, CHF Cancer Collaborative including osteosarcoma, cancer vaccine and lymphoma, Atopic Dermatitis and Canine Allergy, Laryngeal Paralysis, Canine Cruciate Ligament Disease, Subaortic Stenosis both in the areas of treatment and research for a genetic marker, Osteoarthritis and several basic research studies to develop better techniques for genetic mapping of the canine genome and methods of identifying genetic disease markers.

Our partnership with CHF has led to breakthroughs that have directly benefited our Newfoundlands and many other canine companions as well. This relationship with the CHF will

continue in the future with your help and support. The accompanying graphs show where our research dollars are being invested.



Health Challenge

Morris Animal Foundation Research



Controlling itch and inflammation in dogs with atopic dermatitis Wolfgang Baeumer, DrMedVet, North Carolina State University

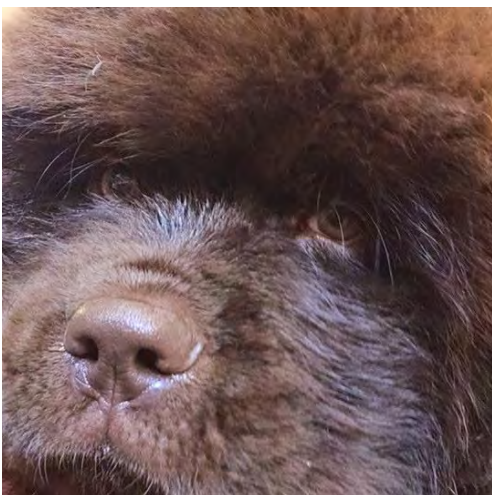
Morris Animal Foundation-funded researchers from North Carolina State University are investigating the role of an inflammation-promoting protein, cytokine thymic stromal lymphopoietin (TSLP), in atopic dermatitis, a chronic relapsing allergic skin disease. Recent studies show that TSLP plays a central role in the initiation and maintenance of atopic dermatitis in several species. However, little is known about TSLP and its itch-inducing role in dogs.

So far, the researchers have confirmed the increased expression of TSLP in canine skin cells in response to house dust mite antigen under laboratory conditions. Because there is a large overlap between itch and pain signaling, the team currently is trying to produce enough recombinant canine TSLP to investigate the role of TSLP in skin tissue samples and sensory neurons from atopic dogs. Once these steps are complete, the team will be able to investigate how current treatments and anti-TSLP antibodies interact to control TSLP expression and secretion in skin cells, and if these treatments impair TSLP function. About 10 percent of all dogs are affected by atopic dermatitis. While current treatments provide relief, some atopic

dogs suffer from lifelong itching and inflammation which can lead to self-trauma. Many of the currently available therapies for atopic dermatitis are associated with significant side effects, such as liver problems and diabetes mellitus linked to long-term steroid use. Because little is known about the biological mechanisms of itch in dogs, developing new therapies has been difficult. This study is providing valuable, new information on the mechanisms behind the itch associated with atopic dermatitis, and may help identify TSLP as a new therapy target to control symptoms of itch and inflammation in chronic atopic dogs. (D16CA-048)

The OFA/NCA Health Survey indicates that 11% of Newfoundlands are impacted by atopic dermatitis.

The NCA Newfoundland Health Challenge partially funded this study at \$10,000.



*The NCA Newfoundland Health Challenge
has provided \$15,000 in funding to the
Osteosarcoma Global Initiative Fund.*

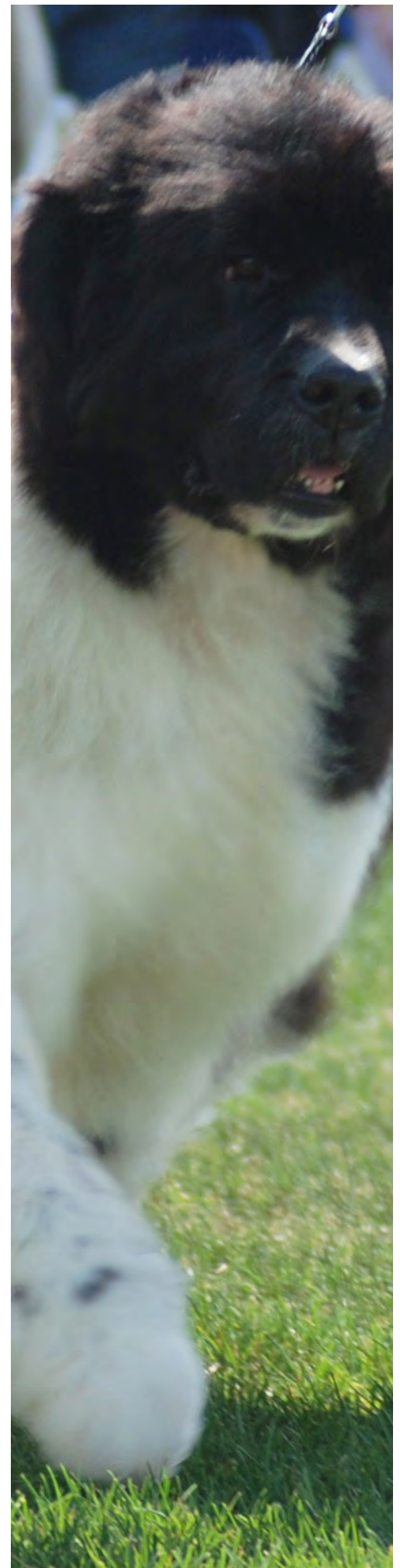
**Finding optimal dosing of oral rapamycin in dogs
with osteosarcoma**

Timothy M. Fan, DVM, PhD, University of Illinois

Stopping cancer from spreading is one of the major challenges faced by veterinary oncologists today. This is especially true for osteosarcoma, a type of malignant bone tumor. Despite advances in canine oncology, the prognosis for dogs with this cancer has not changed in more than 20 years; most dogs survive less than one year after diagnosis due to cancer spread, also known as metastasis. Morris Animal Foundation has launched a \$3 million initiative to find ways to combat metastatic disease in dogs with osteosarcoma. The first study under this initiative supported researchers at the University of Illinois at Urbana-Champaign. The team coordinated efforts with nine other veterinary teaching hospitals to determine the optimal dosing of oral rapamycin, a promising drug for dogs with OSA. Twenty-two dogs with tumors were enrolled in the study. All dogs with measurable tumor burden were administered one of two dosing regimens with oral rapamycin, (daily on a Monday to Friday regimen, or

every other day on a Monday, Wednesday, Friday regimen, for a total of four weeks). Results showed the drug was well tolerated in patients with minimal side effects and that rapamycin dosed on the daily regimen achieved almost two-fold higher drug exposures than when dosed Monday, Wednesday, and Friday. Researchers now are using dosing recommendations ascertained from this study in a new clinical trial in tumorbearing dogs treated with standard of care, which includes surgery (amputation) and systemic chemotherapy. The team is partnering with 19 other veterinary schools to enroll between 160 and 240 dogs with osteosarcoma. The goal is to measure the anti-metastatic effects of rapamycin. If results show rapamycin can help slow metastatic disease in dogs with osteosarcoma, this promising treatment will improve the lives of thousands of dogs diagnosed with this devastating cancer every year. (D14CA-507)

*Since 2000 the Health Challenge
has invested \$250,000 in research with the
Morris Animal Foundation.*



2016 OFA/ Charitable Trust Health Survey

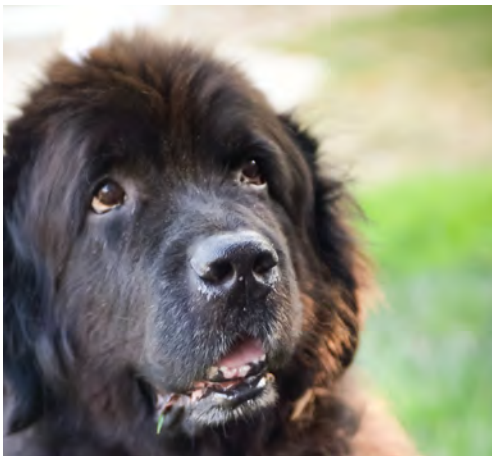
*What does this survey mean?
How does the CTMB use the results?
How healthy is your Newfoundland?*

The 2016 Newfoundland Health Survey administered by the Orthopedic Foundation for Animals (OFA) has just closed with data collected on 2245 dogs. Before I attempt to answer the above questions, let me first thank each of you for taking the time to enter the health information on your dog(s) in the survey. 65% of the dogs entered were alive at the time of the survey and a fairly even split of males and females.

The purpose of the health survey conducted every five or so years is to identify areas of health concern and disease in a given population of Newfoundland dogs. If we see an area that is of great concern we can ask why? And can target this area to alert Newfoundland owners and breeders of a potential problem, use education about a disease or health concern to inform owners and use this information to target our research dollars towards the diseases and health concerns that commonly affect our dogs. Each year the Canine Health Foundation does a survey of the major health concerns in our breed and all other AKC breeds so they can then target researchers to develop and submit research grants in those areas.

The results of the health survey are listed on the OFA website www.OFFA.org under Surveys Newfoundland 2016 and select results. The survey will be closed March 2017, however results will be available after that date. The % of dogs affected do not always equal 100% in the categories as not all people respond to all questions, so that needs to be taken into consideration when you are looking at the results. I would encourage each of you reading this article to go to the survey results and spend a few minutes looking at the health issues affecting our dogs.

Some of the highlights of the survey, over 77% of dogs listed their overall health as Excellent or Good. 70% listed their dogs as outgoing and friendly, with 47% confident and 36% listed as curious. 77% of respondents said their dogs did not exhibit aggressive behavior while 11% said their dog showed some signs of aggressive behavior toward other dogs or people. 26% of respondents said their dog has had some Genetic Health Testing, while 80% were vaccinated for Rabies, Distemper and Parvovirus, 60% vaccinated for Bordatella, 43% for Leptospirosis and 26% vaccinated for Lyme disease.



The most noted health conditions identified by the survey are as follows: 24% listed their dog affected by orthopedic problems with Hip Dysplasia, cruciate disease and elbow dysplasia most common, 18% of respondents said their dog suffered from Allergies most often were Atopy and Food Allergies, 16% said their dog was affected by skin disease with the top 2 causes listed as Atopy and Pyoderma. 11% of dogs were affected by some form of cancer or tumor, 9% an eye disorder with entropion and Cherry eye being most common, 8% listed ear disorder as a problem with Chronic ear infection being most often diagnosed, 6% has some form of Gastrointestinal disorder including IBD 1%, Bloat 1% and other misc. diseases, Cardiac disease affected 5 % of dogs with SAS, unknown disease and DCM being most common.

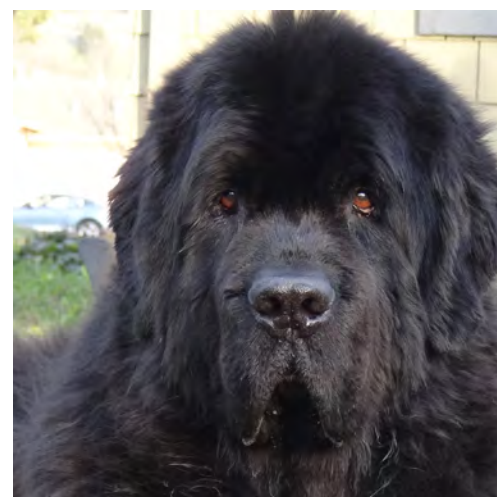
How healthy is your dog? That is a very difficult question to answer as there are many diseases affecting our dogs and some are more serious and life shortening. Percentages are not really relevant to your dog because if he is affected by one of the health conditions it affect him 100%, but the % does give us something to study and identify trends. Additionally, the Health Survey benefits the CTMB and RAC when evaluating areas of health and disease to target research resources.



The CTMB, with the assistance of the Steering Committee and support of the NCA Board, distributed a survey to Newfoundland owners during 2016. The goal of the survey was to characterize the behavior of Newfoundlands and support the mission of preserving and protecting the breed, especially with regard to temperament.

The survey, C-BARQ, was created by an independent research group at the University of Pennsylvania. The C-BARQ (or Canine Behavioral Assessment and Research Questionnaire) is designed to provide dog owners and professionals with standardized evaluations of canine temperament and behavior. It was developed by researchers at the Center for the Interaction of Animals and Society, and is currently the only behavioral assessment instrument of its kind to be extensively tested for reliability and validity on large samples of dogs of many breeds.

During 2016 we collected data on over 200 dogs in our control group and 833 dogs in survey group. Thank you to everyone who took time to enter data on their dogs. Watch for a full review of the findings in an upcoming *NewfTide*.



2016 C-BARQ Temperament Survey

Financial Management Report

*“Large streams from
little fountains flow,
Tall oaks from little
acorns grow.”*

D. Everett

Because of several communications between Lawyers representing Estates with potentially large donations, the CTMB (Charitable Trust Management Board) recognized the need for a long-term solution for fund management.

We knew our initial task was to create the NCA Charitable Trust Investment Policy. Our deadline was May 2016, the NCA Charities Trustee Meeting. All CTMB members participated in the development of this document in a timely manner.

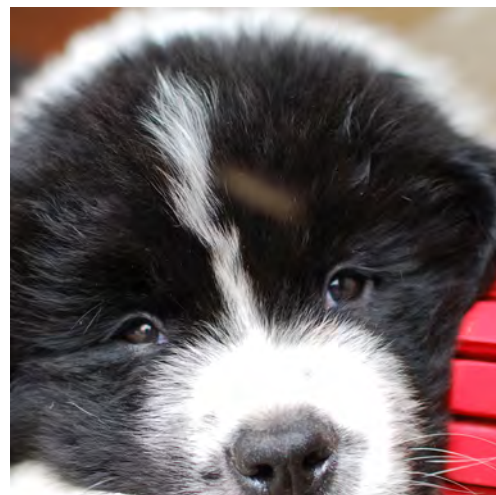
We asked for and received feedback from NCA Members and Attorneys. We went through 4 drafts to create a working document. In May, due to my not being a Trustee, I gave our presentation to the Trustees. It was approved. We were halfway to our solution.

The next step was to identify several financial Managers and ask for written proposals based on the

criteria in our Investment policy. Several appropriate responses were received in early Fall of 2016. One proposal stood out.

In October, the CTMB approved the Investment Strategy presented by Morgan Stanley Private Wealth Management. Under their management the funds are now in excess of \$380,000 and took advantage of strong market performance these last 6 months.

Andrew R. Zinsmeyer



Clyde E Dunphy, DVM Chairman

John Cornell, NCA Liaison, Vice-Chairman

Mary L Price Treasurer

Mary Jane Spackman Secretary

Kevin Gallagher

Janice Hight

Chris Plum

Roger Powell

Andy Zinsmeyer

.....



***Newfoundland Health
Challenge***

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Rescue Network

Mary L. Price, chair

Diane Lynch, assistant chair

Research Advisory

Tamzin Rosenwasser, chair

Steve Petsch

Cherrie Brown

Sharon Gwaltney-Brant

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Denise Hatakeyama

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Deb Wigal

Renee Woods

Jenny Zablotny

***Working towards a safe and healthy future
for every Newfoundland***

www.ncacharities.org

www.ncarescue.org

www.newfdoghealth.org

www.newfoundlandforelimbanomaly.com

Photographs: Karen Carpenter, Jan Curtis, Stacy Roderick, Linda Roderick, Pam Rubio, Marylou Zimmerman

**Thank you for your generous support
of Newfoundland Dogs.**

Donations to the NCA Charitable Trust are gratefully accepted and will be acknowledged in NewfTide or will remain anonymous. Donations to the NCA Charitable Trust 501(c) (3) Fed. ID 06-1500326 are income tax deductible. Donations may be eligible for corporate matching gifts programs. Please contact your employer or pension provider for more information.

YOUR GIFT
THEIR FUTURE



Donation From:

Name: _____

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City: _____ State/Prov: _____ Zip/Postal Code: _____

Acknowledgement:

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Friends of Newfs (You!): _____

- Donation For:
- NCA National Rescue Network
 - NCA Newfoundland Health Challenge
 - Newfoundland Endowment
 - Junior Scholarship
 - Area of Greatest Need

If paying by (check one) VISA or Master Card please be sure to complete the following information:

Card No.: _____ - _____ - _____ - _____ expiration date (mo./yr.) ____/____

Name on card: _____ Amount to be charged: \$ _____

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1004 St Hwy 78 Mt Horeb, WA 53572