

The Portuguese Water Dog Foundation, Inc.®

We are dedicated to funding canine medical research focused on issues that affect the health and well-being of Portuguese Water Dogs everywhere.

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The Foundation approved funding in October for five new research grants with MAF and AKC-CHF

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Please consider donating to the Foundation. Every dollar we receive helps us fund critical medical research. Thank you!

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Honor Roll of Donors

In an effort to provide a more current list of donors, we're including donors who contributed between January and October 2023

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NEWLY FUNDED RESEARCH

HEMANGIOSARCOMA INITIATIVE

Discovery of public tumor-specific neoantigens (pTSNAs) and pTSNA-reactive T cells arisen from hotspot mutations in canine hemangiosarcoma

Shaying Zhao, University of Georgia

In January, the Morris Animal Foundation announced a major Hemangiosarcoma Initiative to dedicate funding, people and resources to advance the prevention, detection and treatment of, and potentially cures for, this devastating cancer.

Dr. Zhao and her research team have focused for years on dog-human comparative genomics and oncology research and have determined that naturally occurring canine cancers have remarkable similarities to their human counterparts.

In this particular study, researchers will build on their discovery of "hotspot" mutations (tumor mutations shared between patients with the same cancer) to see if they can identify public tumor-specific neoantigens (pTSNAs) that are thought to play a role in immune response to cancer.

Researchers hope findings will be a step toward a new immunotherapy that can be used in many different dogs suffering from hemangiosarcoma.

CHF 03137: Targeted Next Generation Sequencing Panel for Comprehensive Testing for Reproductive and Neurologic Pathogens

Rebecca Wilkes, DVM, PhD; Purdue University

The large number of pathogens that contribute to infectious reproductive or neurologic disease and overlap of clinical signs makes using tests for multi-pathogen detection useful. Routinely, several individual or multiplex PCR assays are performed to identify active infection with these agents.

Determining which tests to use for any given case can be difficult. Therefore, investigators propose to validate a comprehensive targeted next generation sequencing (NGS) panel for detection of all known neurologic and reproductive pathogens that infect dogs, as well as other infectious pathogens of dogs, including vector-borne agents previously validated through our work funded by AKC CHF. This takes the guesswork out of proper test selection for infectious disease diagnostics.

The amount of data that can be generated with NGS allows for comprehensive testing, and use of a targeted method (adding primers to the protocol for amplification of targets of interest) reduces the cost to the point that this testing can be effectively used in a veterinary diagnostic lab. More and more veterinary laboratories are purchasing sequencing equipment, so this method has merit to be expanded to additional labs. With the comprehensive nature of the panel, epidemiological evaluation of infectious diseases in the dog population can also be improved.

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NEWLY FUNDED RESEARCH

CHF 03169: Characterization of hookworm resistance in dogs with a novel diagnostic test for early intervention*Jeba Jesudoss Chelladurai, BVSc, PhD; Kansas State University*

The dog hookworm is the most common worm parasite of dogs in the United States. It can cause disease, resulting in suffering and even death in both young and old dogs of all breeds. Dog hookworms can also infect humans who come into contact with hookworm larvae present in dog stool contaminated areas. Hookworm infections in people will cause cutaneous larval migrans, a painful skin condition. Dogs must be dewormed monthly to prevent the ill effects of acquiring hookworms. While these medications were very effective 20-30 years ago, recently they have stopped being fully effective in many cases. This is because hookworms have become resistant. To know if a dog has resistant hookworms, veterinarians have to use tests performed at a diagnostic lab. The test that is currently used takes 14 days to complete. In this project, researchers will create a new diagnostic test that can be performed in less than a day. This new test will let the veterinarian know if the medication that they are using against the hookworms will work or not. This project will add to our knowledge about how much resistance we should expect to see in hookworms from dogs that live in the U.S. Knowing how much resistance to expect in a geographical area and knowing how many hookworms within a dog patient are specifically resistant will help veterinarians make important treatment decisions quickly.

CHF 03165-A: Canine Semen Microbiome*Penelope Banchi, DVM; Ghent University*

Insufficient male reproductive performance and subfertility are important problems for dog breeders, but the causes underlying acquired infertility cannot be identified in about 50% of dogs. In humans, recent studies have demonstrated an association between semen quality and bacterial communities in the ejaculate, but further research is needed to assess a causal relationship between semen microbiome and semen quality.

Dog semen is not sterile and contains up to 10^5 bacteria/mL. Although previous studies showed no influence of some bacterial species such as *Escherichia coli*, *Staphylococcus aureus*, *Klebsiella* spp., *Mycoplasma canis*, *Pseudomonas aeruginosa*, and *Streptococcus* spp. on conception rates in dogs, it has been suggested that a higher overall concentration of bacteria and the presence of potentially pathogenic microorganisms might be associated with lower semen quality. Furthermore, antimicrobials are often misused in canine reproduction to address infertility problems. Previous research on dog semen microbiome is limited and relied only on culture, potentially missing some pathogens. Next generation sequencing (NGS) allows to describe novel microbiomes without prior knowledge of sequencing information or specific culture requirements. These techniques have been recently used to investigate the seminal microbiome of humans and domestic animals.

The research team's aim is to perform a comprehensive investigation on the seminal microbiome of male dogs, as such identifying possible links between the seminal bacterial population and different semen parameters, opening a new chapter in canine andrology.

CHF 03166-A: Effects of Diluted Sodium Hypochlorite on Skin Microbiome in Dogs with Superficial Pyoderma and Atopic Dermatitis: a Single Blinded, Randomized, Controlled Clinical Trial*Domenico Santoro, DVM, MS, DrSc, PhD; University of Florida*

In canine allergies, recurrent skin infection is frequent, often requiring repeated antibiotic use. This leads to a financial burden on owners and higher risk for antibiotic resistance. Recent studies in people have shown that diluted bleach baths can help patients with allergies and skin infections. In dogs, bleach has shown antimicrobial and anti-inflammatory effects in vitro. However, no studies have been done to evaluate the effects of bleach in client-owned dogs skin infection secondary to allergies. The researchers hypothesize that compared with chlorhexidine spray, another commonly used topical antimicrobial, diluted bleach will be as effective to treat skin infections, but will also help with the allergic disease. The aim of this study is to evaluate if diluted bleach is a viable alternative to chlorhexidine and its ability to restore normal skin microflora in canine allergies. Results from this study may significantly change the way clinicians treat superficial skin infections and potentially reduce antibiotic usage. This will be the first study to demonstrate the benefits of diluted bleach in canine allergies.

A CASE-CONTROL SURVEY STUDY OF ENVIRONMENTAL RISK FACTORS FOR PRIMARY HYPOADRENOCORTICISM IN DOGS

Using a Retrospective case-control study, Dr. Steven FriedenberG and his research team at the College of Veterinary Medicine, University of Minnesota, invited dog owners to participate in an online survey through convenience sampling. Questions in the survey regarded the demographics, health histories, and indoor/outdoor environments in which the dogs live and play. Responses for dogs with primary hypoadrenocorticism were compared to those without the disease using univariate and multivariate logistic regression models.

Because primary hypoadrenocorticism in dogs is thought to be multifactorial, with roles for both genetic and environment factors, and because the contributions of environmental factors has been unexplored, the team hoped to identify environmental and lifestyle exposures associated with primary hypoadrenocorticism in two breeds of dogs with high risk of developing the disease: Portuguese Water Dogs and Poodles. Animals were not used in this study; only owners participated in the online survey.

Significant associations were found for certain variables across multiple analysis models, including community type (eg, urban, rural, farm), ingestion of canned food, and exposure to lawn fertilizer. Although biologically plausible, the modest effect sizes of these associations suggest low practical relevance. Reproductive (spay/neuter)

status exhibited the strongest association with high effect size across all models, with adjusted 95% confidence interval for spayed females and 95% for neutered males.

The study provides the first identification of environmental risk factors associated with hypoadrenocorticism in dogs. Follow-up studies that target these variables using probabilistic sampling in a larger number of cases will determine the reproducibility and clinical relevance of these findings. The strongest association found was for spay/neuter status, a factor previously reported to be associated with hypoadrenocorticism in dogs. Despite being a secondary aim, the potential high clinical relevance suggested by the large effect size compelled the team to further investigate this variable. The Odds Ratio (OR) here was >2 times higher than previously reported for neutered males in our study. The OR for spayed females resembled those of prior studies: Also consistent with a prior study was the higher OR for neutered males compared to spayed females.

Given the strong association observed between hypoadrenocorticism and spay/neuter status, the team followed this finding up in a subgroup of study participants to explore the timing between spay/neuter and hypoadrenocorticism diagnosis because the initial survey did not ask questions designed to interrogate this relation-

ship. The majority of dogs (79%) were found to have been spayed or neutered before the hypoadrenocorticism diagnosis. More males (88%) were neutered before the hypoadrenocorticism diagnosis than females (72%). The team concluded that the higher proportion of spayed/neutered dogs among cases was not entirely explained by owners seeking this procedure for their dogs in response to a hypoadrenocorticism diagnosis to prevent further breeding. Furthermore, the median months for a hypoadrenocorticism diagnosis after the spay/neuter procedure was >1 year later (17.9 months for males/females combined 14.9 months for females and 21.1 months for males). This finding suggests that, in most cases, the spay/neuter procedure did not trigger an adrenal crisis nor did it uncover pre-existing disease. Although these data are consistent with the hypothesis that being spayed or neutered contributes to the development of hypoadrenocorticism, they are only associations.

These findings are associative only and do not necessarily imply causation. Before any actionable recommendations are warranted, additional evidence regarding biological mechanisms is needed.

Treeful AE, Searle KM, Carroll DM, Yost KJ, Hedger AL, FriedenberG SG. A case-control survey study of environmental risk factors for primary hypoadrenocorticism in dogs. *J Vet Intern Med.* 2023;1-11.

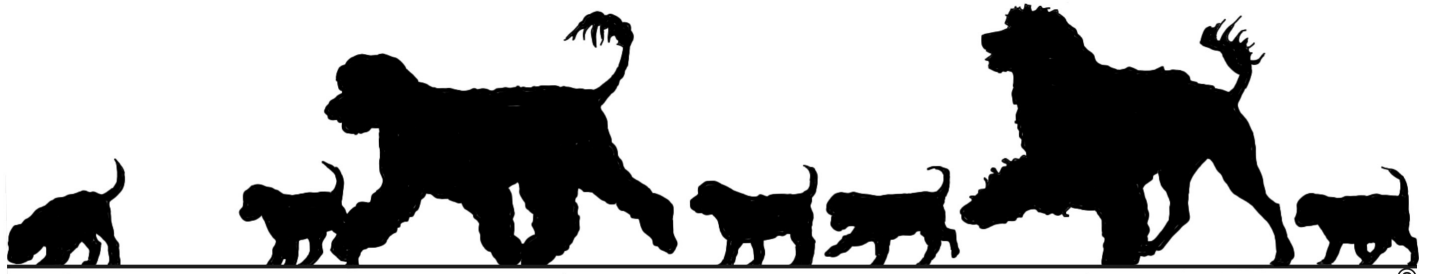
IN MEMORY OF JOAN BENDURE 1946 - 2023

The Portuguese Water Dog Foundation lost a passionate champion for our breed this year. Joan C. Bendure passed away in January at her residence in Fairview, PA. In 1997, Joan began reaching out to other long-time Portuguese Water Dog owners to gauge interest in forming a health foundation for PWDs. She founded the Portuguese Water Dog Foundation as a nonprofit in 1998 and served as its first president until 2006. She remained a Board member until 2009.

Joan was a part of the PWD community's grass-root efforts to discover gene variants for the early health conditions that affected Portuguese water Dogs, including research that would lead to genetic testing for Juvenile Dilated Cardiomyopathy, a gene test for prcd-PRA, and early research into hemangiosarcoma. More recently, she was a driving force in ensuring the development of a gene test for Early Onset PRA.

Joan was a dog breeder of both PWDs and Newfoundlands, and she wrote the book "The Newfoundland: Companion Dog - Water Dog" in 1994. She was an Erie County 4-H dog leader who worked with the Lions Club Seeing-Eye Dog Program to raise seeing-eye dogs for the visually impaired. She was also a member of The Erie Kennel Club, and a co-founder of the Because You Care animal rescue organization.

Joan and her husband, the late Paul S. Bendure, were family owners and farmers of Fairview Evergreen Nurseries. In addition to her husband, she was preceded in death by her parents and her son, David P. Bendure. She is survived by her daughter Tammy Bendure Harrington of Fairview, her son Scott Bendure of San Diego, her brothers Bill Reitebach and his wife Shirley of East Amhurst, and Chuck Reitebach of Redwood City, and multiple nieces and nephews.



The Portuguese Water Dog Foundation, Inc.®

**The Portuguese Water Dog Foundation, Inc.
500 Westover Drive #30318
Sanford, NC 27330
Tel 610-707-2589**

The Portuguese Water Dog Foundation, Inc. needs your help and support to fund research to improve the quality of life and health of our Portuguese Water Dogs. Your donation, in any amount, would be greatly appreciated. In addition to personal donations, a donation may be made in memory or honor of a friend or loved one, whether human or canine. Donors' names will be kept anonymous upon request.

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Thank you for your generosity and support of the Portuguese Water Dog Foundation, Inc.**

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Thank you to all of you who support the efforts of The Foundation. We appreciate every dollar you donate. We still have much to accomplish. This list includes people who contributed between January and October 2023.

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Nutmeg Portuguese Water Dog Club in honor of
and thank you to the PWD lovers worldwide who
appreciate our calendar

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Portuguese Water Dog Club of the Twin Cities, in
memory of the PWDs we've lost over the past
few years.

Bruce & Judy Holmes in loving memory of "Kali"
Galaxy's Harbor Lights

Steve Dostie, donation of his judging fee from
the 2023 National Specialty

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Jane Freeman in memory of "Flip," GCH
Freestyle Turn the Page BN RI SCA SNB SNI
SDN IND RATS TKA WWDX, loved and missed
by Lisa Wilkinson

Michael Blumberg in thank you to Roo Grill &
Family

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Colorado Portuguese Water Dog Club in
memory of "Diga" Spyglass's Made You Look,
loved by Scott & Barbara Henley

Colorado Portuguese Water Dog Club in
memory of "Rain" Tsavo's The Calm Before The
Storm, loved by the Button family

Colorado Portuguese Water Dog Club in
memory of "Itzel" Tsavo's Last New Year, loved
by the Button family

Colorado Portuguese Water Dog Club in
memory of "Mickie" Odyseas Mickie Louise
Jagger, loved by Leigh Pelc

Colorado Portuguese Water Dog Club in
memory of "Cinco de Mayo" Just a Bit Sassy,
loved by Bettie & Hill Hastings

Colorado Portuguese Water Dog Club in
memory of "Pearl" Olympic Elinor Rose, loved
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Colorado Portuguese Water Dog Club in
memory of "Trinity" Odyseas True Colors, loved
by Colette & Tom Auclair

Jennifer Greene in memory of Marge Schreiber

Bryan & Patricia Tomich in happy birthday to
Sombra & Lucia

Vicki & Ken Goldberg in honor of all my mentors
over the years who have helped: Andy
Kalmanash, Carol Mattingley, Tina Cross &
Heather Shilo

Liz & Scott Kantor in memory of our beloved
PWDs, Moses & Crosby, who died of
Hemangiosarcoma. Let's find a cure!

Linda Hunt in memory of and tribute to BOSS
BVSS BOVSS GCH CH Kalista's National Nuni
AOM, loved and missed by Linda Hunt

Joe & Ann McKasy in loving memory of Winnie,
Kalista's Mahtomedi Mermaid AX AXJ CGC

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Boatswain \$100 and up

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Milan Lint in memory of Joan Bendure, a
dedicated PWD enthusiast

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King Triton CGC, loved by Janet Lancaster

Dr. Christine Peper in memory of Kiki, GCH Peja
Kiss and Tell, loved by Mo Doherty

Linda K. Hunt in memory of Joan Bendure

The Hornyak family in memory of Joan Bendure

Barb Crowther in honor of the PWD Pedigree
Study Group

Julie Conger in honor of the PWD Pedigree
Study Group

Margaret Kramme

Lynn Abramowitz in memory of Jake & Riley

Sally & Alan Tassler in memory of 2 loving PWDs
– Teddy & Henry – who are loved and missed

Tony Paton, Janine Richter, Bennie & Cricket as
thank you to everyone supporting the breed

Jere McInerney in thank you to Cathy Winkler for
my family of PWDs

Ellen Griffin in memory of our beloved Lita,
Marshview's True Companion

Barb Stanek in memory of Rudy, Trio & Sawyer

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Bronson

Elaine Selsberg in honor of Brad's birthday and
in memory of Apollo

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Rico

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Kathleen Brooks for hemangiosarcoma research

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Pedigree Study Group

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in memory of Stanley, loved by Nancy Creath
Chlebos

Claire De Christina & Curtis Reif in memory of
Bosun, Kalista's Not Just Any Dog CD RN

Judy Jones in memory of Rosco, my wonderful
PWD companion

Boatswain \$100 and up continued

John & Leslie Hogan in memory of Bader, the best breed ambassador ever, loved by Terre Rushton & Chuck Sisk

Meg DeFore for hemangiosarcoma research in memory of Frank, who passed peacefully, likely from this evil life stealer

Dr. Christine Peper in memory of GCH Peja Helen High Water

Sailor \$50 and up

Rio Salgado PWD Club in memory of "Henry" Questar's March Henry Van Arsdale Porter, loved by Sharon & Tim Rollins

Sian Wilstrup in honor of the PWD Pedigree Study Group

Linda K. Hunt in congratulations to "Freya" Kalista's You Betcha' AX OAJ TKI RN for her AX, TKI & RN

Linda K. Hunt in congratulations to "Haven" Kalista's Essential Escape TKI for her TKN & TKI

Ronda & Alan Urkowitz

Linda K. Hunt in memory of "Dobby" GCH CH Downeast Elf About Town CDX NA NAJ RE TD CWDX PROM, loved by Steve & Christine Dostie

Rio Salgado PWD Club in memory of "Rosie" Seashell's Steppin' Out In Style BN RE NAJ SWA SBX THDX CGCA TKN NW1, loved by Pam Francis

Rio Salgado PWD Club in memory of "BoyBoy" Seashell's Steppin' Out With My Baby BN RA THDX CGCA TKN, loved by Pam Francis

Janet Warnsdorfer in memory of "Dory," Galaxy's Sea Cloud, loved by Amy Ottaviano

Janet Warnsdorfer in memory of "Moxie," Galaxy's Good Luck Charm, loved by Bridget Weinart

Anonymous in memory of Joan Bendure

Kristle Marangon in honor of the PWD Pedigree Study Group

Janet Warnsdorfer in memory of "Kali" Kalaxy's Harbor Lights, loved by Anne Shisler

Ruth Garcia & Jim Locke in memory of Marco, loved and missed by Judy Murray

Jill Roudebush in honor of the PWD Pedigree Study Group

Father William Goldin in honor of the PWD Pedigree Study Group

Amanda Ford in memory of Farley, CH Amarinhar Far Farer AWD TDX TDU NA NAJ AXP AJP NF OFP SCN CGC RN TKI, loved and missed by Pam & Mike Coffeen

Valerie Tangen in memory of Farley, CH Amarinhar Far Farer AWD TDX TDU NA NAJ AXP AJP NF OFP SCN CGC RN TKI, loved and missed by Pam & Mike Coffeen

Rio Salgado PWD Club in memory of Farley, CH Amarinhar Far Farer AWD TDX TDU NA NAJ AXP AJP NF OFP SCN CGC RN TKI, loved by Pam & Mike Coffeen for over 13 years.

Ann Benninger in honor of the PWD Pedigree Study Group

Ann Benninger in memory of Sarah Kahn's "Ray" CH Glenlyn's Something Special BN CD AX AXJ TDX FDC CGC TKA

Margaret Hetz in memory of Joan Bendure

Carol Mclvor in memory of Norm Mosher

John Del Po in honor of the PWD Pedigree Study Group

Katrina Jackson in honor of the PWD Pedigree Study Group

Rio Salgado PWD Club in memory of "Tadeu" Questars Dew from Heavens, loved and missed by Sharon & Tim Rollins

Barbara Crowther in honor of the PWD Pedigree Study Group

Sandra Novicki in memory of her beloved Lily who was an angel on this earth

Steven Jacobus

Michael & Susan Burke

Barbara & Scott Henley in memory of our sweet "Diga" CH Spyglass's Made You Look

Kim & Jerry Wolcoveick in memory of Alice Vicha and all the Norvic PWDs

Gerry Nogelo

Elaine Addressi in memory of Joan Bendure

Debra Giewont in memory of Joan Bendure

Marsha Cohen in memory of beloved Rosie, part of the Minkoff family

Margaux Monet Broghamer

Linda Hunt in congratulations to "Dario" Kalista's Double Dare SCN SEN SIN TKN for his SCN SIN SEN

Linda Hunt in congratulations to Kalista's Agua Azul Deus Do Oceano NA NF for his NA & NF

Larry & Shirley Walden

Elana Winsberg, in loving memory of Jonah, Tinker & Marisol, our heart dogs

Rio Salgado PWD Club in memory of "Martini" GCH Diamante's Shaken Not Stirred CGC TDI, loved by Kimberly & Jim Beach for over 14 years

The Tracking Club of Massachusetts in memory of Ziggy, loved by Pam Carlson

Gregory Kruse & Mary Morehouse

Ana Sehovic in honor of the PWD Pedigree Study Group

Joanne Glusman & Joan Bennett in honor of SaltyDawg PWDs

Linda Hunt in congratulations to "Lyra" Kalista's Vega A Lyrae RI SWM SINE SBM SENE TKI for her SINE, SBM & SWM

Dr. John Haeger

Claire Putman in memory of Wesley, loved by the Torosian Family

Cheryl Wheatley in honor of the PWD Pedigree Study Group

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Jacinda Sipes

Anonymous

Cindy McCullough, DelMarVa Water Trial "Training Tips"

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Joan Main in memory of Clementine, loved by the Gormley family

Linda K. Hunt in congratulations to "Bender," CH Kalista's Breaking Bad BN CD RN TKN for his CD

Linda K. Hunt in congratulations to "Wall-E" Kalista's Ensign E-Wall TKA for his TKA

June & Bob Hetz in memory of Joan Bendure

Tom & Pat Adiatori in memory of Joan Bendure

Stephen & Jane Hetz in memory of Joan Bendure

Southern California Portuguese Water Dog Club in memory of "Waimea" Seashell's Toes on the Nose at Waimea Bay, loved by Linda Otey

Southern California Portuguese Water Dog Club in honor of "Shadow" Questar's Shadow Wings on Fire

Linda K. Hunt in congratulations to "Scuppers," Kalista's By the Book CD BN GN RI CGC TKA for his TKA

Linda K. Hunt in memory of "Winnie" Kalista's Mahtomedi Mermaid AX AXJ CGC TKN, loved and missed by Ann & Joe McKasy

Deck Hand up to \$50 continued

Linda K. Hunt in congratulations to "Haven" Kalista's Essential Escape TKA for her TKA

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Southern California Portuguese Water Dog Club in memory of "Reggie," CH Maritimo Regio Red CGC CWDX, loved by Bart & Kathy Simmons

Linda Hunt in congratulations to "Titan" CH MACH4 Sun Joy's Back In Time At Kalista RI MXB2 PAD MJG2 PJD MFS T2B2 for his MACH4

Margaret & Kurt Hetz in memory of Joan Bendure

Linda Hunt in congratulations to "Scooby" Kalista's Estrela Ebano TKN RN for his RN

Melinda Harvey in memory of "Yogi," Redwoods Rock and Roll Heart

Linda K. Hunt in congratulations to Kalista's Diving Duke TKA for his TKA

Linda K. Hunt in congratulations to "Yikes," Kalista's Already AWOL MX MXB MXJ MJB MXF BCAT WWD for her MXF.

Southern California Portuguese Water Dog Club in memory of "Karma" Dacher's Uptown Girl BN RI NA NAJ SWD SWM SWE SEEE SIEE SHDE SWAE THDN CGCA TKP NW2 CWD MAC-4, loved and missed by Gary and LeeAnn Emirkhanian

Southern California Portuguese Water Dog Club in memory of "Pono" CH Seashell's Hi'ilawe, loved and missed by Linda Otey

Linda Hunt in congratulations to "Tally" GCHB CH Kalista's What A Catch CDX RA OA OAJ OF TKI WWDX for her CDX

Linda Hunt in memory of "Hudson" Kalista's Showstopper, loved and missed by John & Kathy Maroney

Janet Boyd

Linda K. Hunt in congratulations to "Scuppers" Kalista's By The Book CD BN GN RA CGC TKA "Scuppers" for his RA

Linda K. Hunt in congratulations to "Tally" GCHB CH Kalista's What A Catch CDX RE OA OAJOF TKI for her RE

Linda K. Hunt in memory of "Mona" Kalista's My Anticipated Treasure, loved and missed by the McLaughlin Family

Linda K. Hunt in congratulations to "Bender" GCH CH Kalista's Breaking Bad CD BN RN TKN, for his GCH

Linda K. Hunt in congratulations to "Yikes" MACH Kalista's Already AWOL MXB MJB XF BCAT WWD for her MACH

Anne E. Hock in memory of Misha & Loverbear

Linda Hunt in congratulations to "Beckon" Kalista Zummon With A Wave CD BN RN MX AXJ XF TKA, for his MX

Linda Hunt in congratulations to "Bea," Kalista's Beatrice The Brave and Shari Barden for their outstanding Therapy teamwork

Linda Hunt in memory of "Y" MACH3 PACH Kalista's Now What CD BN RA FDC MXC MJB2 MXP3 MXPB MJP4 PAX MFB MFP T2B CAX BCAT CGC TKI CWD, loved and missed by Tiffani Flaws

Charley Arruda in loving memory of Revo, Leala & Dicey

Charley Arruda in Happy Birthday to Tammy Bollinger

Michael Vecchione in memory of Faial

C. Oehme Soule in memory of Evanston best friends, Rufus & Marina

Linda Hunt in congratulations to "Beckon" Kalista Zummon With a Wave CD BN RA MX AXJ XF TKA for his RA

Linda Hunt in congratulations to "Lyra" Kalista's Vega A Lyrae RI SWE SENE SIM SEM SCM TKI AWD for her SCM

Southern California Portuguese Water Dog Club in memory of "Tucker" Rustic The Tux Skipper, loved and missed by Wendy Spradlin

Tina Stanton for PWDs in need of rescue and in celebration of Alison & Heath Dill's marriage and new "family," Charley #dogsrule

Patrick & Nancy Pellowski in memory of Nuni, BOSS BVSS BOVSS GCH CH Kalista's National Nuni AOM, loved and missed by Linda Hunt

Tom & Colette Auclair & Cao-Boy, in memory of "Rosie" CH Spyglass's Kiss from a Rose

Linda Hunt in memory of "Henry," Kalista's Oh, Henry loved and missed by Jodie Tasto and Family

Linda Hunt in congratulations to "Beckon" Kalista Zummon With A Wave CD BN RA MX MXJ XF TKA for his MXJ

Linda Hunt in congratulations to "Scooby" Kalista's Estrela Ebano RI TKN for his RI

Anonymous

Louann Tracy

Southern California Portuguese Water Dog Club in memory of "Bono" CH Shasta's With or Without You loved and missed by Lucinda Bersano

Linda Hunt in memory of "Bosun" Kalista's Not Just Any Dog CD RN, loved by Claire DeChristina & Curt Reif

Linda Hunt in congratulations to "Em-Me" Kalista's Effervescent Em-Me TKN JWD for her JWD

Linda Hunt in congratulations to "Hydro" CH Kalista To Splash-n-Dash BN RN TD MX MXJ T2B SWM SCME SWD TKA CGC CWD GROM for his CWD

Linda Hunt in congratulations to "Wall-E" Kalista's Ensign E-Wall TKA BCAT JWD for his JWD

Patrick Pellowski in memory of "Keeper," Kalista's Quite The Catch, loved by Linda Hunt

Southern California Portuguese Water Dog Club in memory of "Louie" CH Roseknoll Licorice Louie RE MXP AJP THDN CGC, loved by Christa Diamant

Southern California Portuguese Water Dog Club in memory of "Squeaky" Seashell's Singing Telegram SWN, loved by Linda Otey

Linda Hunt in congratulations to "Scooby" Kalista's Estrela Ebano RA TKN for his RA

Linda Hunt in congratulations to "Wall-E," Kalista's Ensign E-Wall TKA DCAT JWD for his DCAT

Facebook Fundraisers

Jenn Cederberg's Birthday
Jenn Cederberg
Sharon Meyer
Jill Goldsmith

Gail Brown-McDonald's birthday
Jean Hassebroek
Randy Chesnut
Chris Munk
Galen Workman
Nancy Blossom
Sandy Pond

HONOR ROLL OF DONORS - HOPE FROM THE HEART

Thank you to everyone who participated in our fundraiser to raise money for hemangiosarcoma research.

The glass heart campaign was our most successful ever!

Randi Astrom	Daniel Porter & Sherry Cassidy	Anonymous
Lucinda Bersano	Anonymous	Frances Berman
Janet Boyd	Susan Kues	Anonymous
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