



Shep-O-Gram

German Shepherd Dog Club of Minneapolis/St Paul

June 2022

Shep-O-Gram

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Mary Bente

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At present, we have no chairs for Agility trials, and Herding trials. If anyone would like to take over one or more of those positions please contact Bo Vujovich. I separate Herding from Tending, we do have a Tending chair, Cynthia, Curran, but those activities do not include the herding trial which we have had annually for many years. Sheila is working on a possible Obedience/rally trial in November. It takes a village so please lend a hand.

The annual specialty was this last weekend and I took some pictures the first day included on pages 2 and 3. Pictures from the GSDCA Temperament Test are on pages 4 and 5.

The Ron Halling Obedience and Socialization Workshops are moving to their summer location at Veteran's Park in Apple Valley starting this month.

The next training block on Friday nights starts June 17. Be sure to get registered.

By now you must realize the June membership meeting was moved to June 17. Please note that the July meeting has also been moved a week to July 15. After that we will be on the normal schedule on the second Friday of the month.

It has been a few years since the club has participated in the GSDCA Regional Challenge. Amber Danielowski has volunteered to work on this and an explanation will be sent along with this newsletter on how to participate. We used to have to send our information to the club coordinator but now you can send it directly to the parent club. Our club won this challenge for many years. We can do that again.

Please follow the instructions attached to the e-mail.

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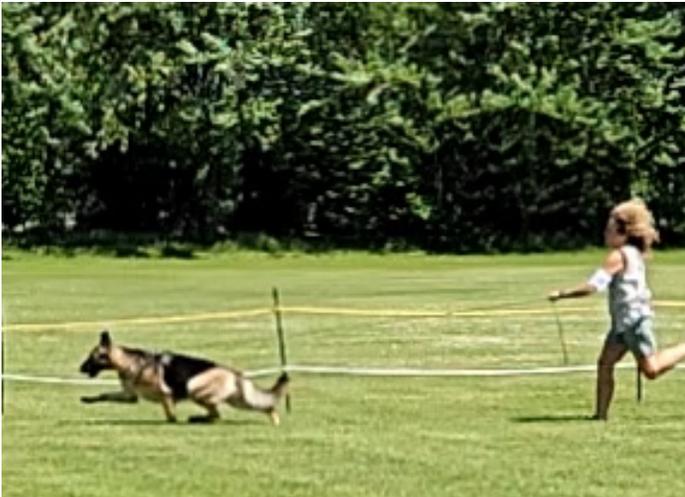
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June 17 Membership Meeting at the Animal Inn or by phone

GSDCMSP Specialty 2022



Specialty Continued



GSDCA Temperament Test



The weird stranger



Amber Danielowski, Andie, and the weird stranger



Cathy McKeon, Circa and the umbrella



Circa and the weird stranger who is out of camera range



Andie and the tarp



Andie and the umbrella



Virginia Bailey and the wire grate



Virginia and the weird stranger



Carol Ouhl, Red, and the wire grate



Red and the weird stranger



Red and the umbrella



The audience

Tending Clinic May 14-15

A few pictures from the May Tending Clinic.
Photos by Kristine Lower



Tressa Granrud's Luna Snow



Kristine Lower's Reilly



Templer and David



Angus on the large graze



Wilhelmina on the graze



Katie Putz 's Java

The GSDC of Minneapolis & St. Paul
is offering a Herding Tending Clinic
Presented by *Susan Sullivan*



When: July 9th – July 10th, 2022
Where: Belles & Whistles Farm
Center City MN
Sign up online by June 30th



Working spots are full but auditing is available, \$25 for one day \$35 for both days. Auditors get the benefit of learning from Susan Sullivan, nationally known tending trainer. Auditors CANNOT bring dogs. The dates are July 9 and 10. Watch for the next Tending Clinic and sign up early for a working spot! Contact Cynthia Curran for information, and to register for auditing. cyncurran@gmail.com



Templer and David Mielke



Upcoming Events

June 17 Membership Meeting

June 18 at Veterans Park in Apple Valley

July 9-10 Tending Clinic Bells & Whistles Farm
Center City MN, for information on tending
contact Cynthia Curran cyncurran@gmail.com

July 15 Membership meeting

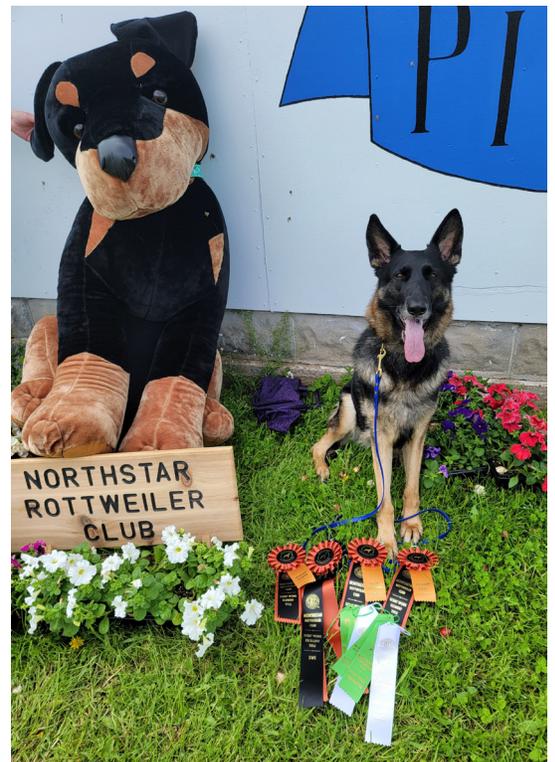
July 16 at Veterans Park in Apple Valley

August 20 at Veterans Park in Apple Valley

BRAGS



Circa passed his temperament
test.
Steffca V Lindenhill Sin City
CGC CGCA TKN TC



Tiri picked up a few more titles at the
Rottweiler scent work trial, Interior
Excellent, Buried Excellent, Overall
Excellent, and Master Conainter.

Upcoming Socialization and Obedience Workshops



Check out GSDCMSP's Socialization/Obedience Workshop on FaceBook for current information on the next Socialization/Obedience Workshop and training tips and videos. Please watch announcements for dates and times. Next Workshop is at the Animal Inn

June 18 at Veterans Park in Apply Valley
July 16 at Veterans Park in Apply Valley
August 20 at Veterans Park in Apply Valley

We've made some changes to our structure over the last year that seem to help a lot more people get enjoyment and results for what we do. The Mini-session is for dogs that may not be quite ready to move right into a class setting will be a staple as we move on. This class runs 9:30-9:50 and helps dogs that are super shy to super aggressive and everything in between. Then the lecture.

At 10 am is the Lecture. How to successfully navigate the imprinting stages of a GSD and problem solving. The most common comment after a workshop is "I never knew there were so many people having the same issues as me". If we don't get to spend enough time on your issue we work one on one with you between the morning session and afternoon sessions. Following the lecture we adjourn for a potty break and reconvene in the ring. It's recommended to have an extra 20.00 on hand in case you choose to purchase a training collar that really works. (Our cost)

The 11 am Hands-on training. Here, we employ the training techniques talked about in the lecture while teaching you to communicate with your dog. We teach you the "marker" system that through demonstrated performance has proven to be one of the best training techniques for our highly intelligent breed. You'll leave feeling confident you know how to raise your pup through it's imprinting stages and in doing so have a GSD that people admire.

12ish, lunch. Due to COVID we are not able to do our Potluck lunches. If staying for the day you can purchase lunch from the American Legion and enjoy your meal under the roof of the picnic area on one of the many tables.

The 12:30 Afternoon Activity Class is different each month and is well thought out to present owners with activities functional to our breed according to the seasons. this month we'll focus on: heeling techniques while out meeting and greeting strange dogs and humans. This includes dogs that lunge and carry on when seeing another dog as well as building your shy or nervous dog's confidence. We'll be teaching you how to utilize dominance over obedience to overcome territorial issues and meeting/living with other animals.

Group Walk-usually a week later we'll blind copy the attendees on our email list the time and location of our Group Walk. These fortify what you have learned and while walking you see your dog meld into that day's "pack". If you peek at our webpage you'll see FOX did a news story with 38 GSD's that showed up. We also had a special walk with 55 dogs. The walk however is restricted to those that have attended a morning session. This is so everyone is familiar with the techniques needed to have a trouble free walk. Prices remain the same, 30.00, (cash), for either the morning or afternoon session, (must have attended a morning session prior to the Afternoon Activity class). It's an extra 15.00 to bring a second dog from your household or to stay for the afternoon session after attending the morning session. The location is Veteran's Park, Veteran's Park is located on the South side of Apple Valley American Legion Post 177614521 Granada Drive, Apple Valley, MN 55124 All of our information can be viewed at either our website or our Facebook pages @Thanks and hope to see you!

Our trainers, Andrea and Becca will be taking over the upcoming workshops ahead of time. There may be changes in the schedule coming up.

Tips From Ron

There are How-To videos on topics such as Drop on Recall, stand for Exam, and dealing with an attacking dog, on Socialization/Obedience Workshop page on FaceBook at <https://www.facebook.com/GermanShepherdtrainers/>.



RESEARCH PROGRESS REPORT SUMMARY

Grant 02510-T: Identification of Novel Synthetic Lethal Partners to Optimize PI3K Targeted Therapies in Canine Hemangiosarcoma

Principal Investigator: Cheryl London, DVM, PhD
Research Institution: Tufts University School of Medicine
Grant Amount: \$168,857
Start Date: 3/1/2018 **End Date:** 2/28/2022
Progress Report: FINAL
Report Due: 2/28/2022 **Report Received:** 4/6/2022

(The content of this report is not confidential and may be used in communications with your organization.)

Original Project Description:

Hemangiosarcoma (HSA) is a cancer of the cells lining the blood vessels that is very aggressive and has nearly always spread by the time it is diagnosed. HSA accounts for 5-7% of all cancers in dogs resulting in approximately 25,000-50,000 new cases per year. The treatment of choice is surgical removal followed by chemotherapy administration. Unfortunately, despite aggressive therapy, the majority of dogs diagnosed succumb to their disease within 6-8 months. Virtually no improvements in outcome for affected dogs have occurred in the past 30 years despite multiple clinical trials and research efforts. More recently a new therapy has been developed targeting two receptors on HSA cells. However, the majority of dogs still died by 10-12 months after treatment. The molecular pathway known as the PI3K/AKT/mTOR pathway has previously been implicated in the pathogenesis of many forms of cancer including HSA. Indeed, inhibitors of PI3K/AKT/mTOR pathway have some activity against HSA cell lines in the laboratory. The investigators have generated data showing that a subset of canine HSA tumors possess genetic mutations in PI3K that are known to activate the pathway in cancer cells. In this study, they will fully characterize the expression and function of PI3K in canine HSA tumor cell lines and tumor samples. This information will then be leveraged to identify new ways to block the PI3K/AKT/mTOR pathway using a combination of small molecule inhibitors that are most effective at killing tumor cells. These data will then be used to design future clinical trials in dogs with HSA.

Publications:

Papers in preparation:

1. Whole genome sequencing of canine hemangiosarcoma
2. Concordance of liquid biopsy findings with tumor genomic landscape in dogs with hemangiosarcoma.



Presentations:

Megan Gutwillig, the Master's student in my laboratory who worked on this project, completed her thesis work in June 2019. She presented her findings in the Genetics Seminar Series at Tufts University in January 2019 (oral presentation), at the Charleton Research Symposium at the Sackler School in April 2019 (poster presentation), and at the Genetics Program Retreat in June 2019 (poster presentation). The title of these presentations was: The role of PI3K- β and PI3K- δ in canine hemangiosarcoma and human angiosarcoma. Copies of these abstracts/posters have already been provided to the AKC CHF.

Kate Megquier, a postdoctoral research fellow who is being jointly mentored by myself and Elinor Karlson, presented the results of her genomic analysis of ctDNA in the hemangiosarcoma cohort to the PRECINCT collaboration network in Jan 2021, demonstrating ready detection of tumor DNA in the blood biopsy as well as the ability to identify key genomic changes. She also presented an expanded data set at the Oncology Models Forum meeting March 31, 2021 which reached a larger audience. Kate spoke at the Veterinary Cancer Society meeting (October 2021) and detailed an expanded data set of samples that were used for ctDNA detection

Report to Grant Sponsor from Investigator:

Hemangiosarcoma (HSA) is a cancer of the cells lining the blood vessels that is very aggressive and has nearly always spread by the time it is diagnosed. HSA accounts for 5-7% of all cancers in dogs resulting in approximately 25-50,000 new cases per year. The treatment of choice is surgical removal followed by chemotherapy administration. Unfortunately, despite aggressive therapy, the majority of dogs diagnosed succumb to their disease within 6-8 months. Virtually no improvements in outcome for affected dogs have occurred in the past 30 years despite multiple clinical trials/efforts. More recently a new therapy has been developed targeting two receptors on HSA cells. However, the majority of dogs still died, by 10 months. The molecular pathway known as the PI3K/AKT/mTOR pathway has previously been implicated as a key driver of several cancers including HSA. Indeed, inhibitors of PI3K/AKT/mTOR pathway have some activity against HSA cell lines in the laboratory. The purpose of this study is to fully characterize the expression and function of PI3K in canine HSA tumor cell lines and tumor samples to identify new ways to block this pathway using a combination of small molecule inhibitors that are most effective at killing tumors cells. Over the past 3 years we have characterized the expression of the 4 isoforms that make up PI3K family in HSA cell lines, have characterized sensitivities of the lines to individual isoform inhibitors, and have generated cell lines deficient in two of the isoforms. We have finished whole genome sequencing on a large number of tumor samples and have optimized a new non-invasive blood based diagnostic and disease monitoring test (also known as the blood biopsy) with the goal of applying this to future patients. This test should allow us to not only monitor patients with this disease for early relapse, but also screen at risk patients using a specific genetic panel we are in the process of developing. Lastly, we have initiated a clinical trial in dogs with HSA to test a combination of small molecule inhibitors that target specific pathways in the cancer cells based on data generated from the work completed in this research study.

DOGS REACT TO HUMAN FACIAL EXPRESSIONS

Barbara (BJ) Andrews, Science Editor, [SAAB](#), AKC Master Breeder

University Study confirms what dog trainers and owners have always known; dogs love happy faces, fear frowns – but here's what you didn't know about eyes.



The University of Helsinki studied responses of 31 dogs when they were presented with photographs of people with different facial expressions. As the photos changed on the screen, another machine directed infrared light at the dog's eyes (was that safe?) to record the eye movements. The results proved that dogs read human facial expressions and react accordingly.

In all cases, dogs look first at the eyes to gauge mood and intent. Then, whether reacting to a human or animal's face, dogs note the middle of the face because "different emotions are associated with different patterns of wrinkles on the snout." To that we would add

that flared nostrils in both humans and animals indicate fear or aggression depending on the situation. Picture a startled horse or an angry man. The open nostrils are easily seen on a horse but you've also seen the human nose opening wide, especially in children as they gasp in fright.

The Finnish study reported that dogs look least at the mouth whereas people "spend a lot of time looking at the mouth to decode emotional expressions." My personal opinion is that dogs do notice another dog's mouth as in a dog simply lifting its lips to signal "don't come any closer to my food bowl" and certainly we all recognize the open mouth "happy face" on our dogs.

The report concluded that "dogs paid more attention when the expression was threatening" but that the dogs actually avoided looking at photos of "negative or threatening human faces." Observant owners will attest that dogs will look away when we are angry and seek eye contact to enforce a scolding, so clearly, dogs can read what's coming even in a photo of a human's face.

"The ability to recognize human facial expressions, as well as other human cues, does not appear to be innate. Rather the dogs acquire it as they come to associate, say, a smile with a reward, like extra doggie treats or affection," according to Monique Udell, who studies canine cognition and behavior at the University of Florida. Udell explained "We know that dogs are very good at picking up on subtle cues given by humans" and "It is interesting that picture discriminations of this type can be trained in dogs as well."

Have you ever observed your mother dog silently teach her puppies? They quickly learn to watch her posture and facial expression. When beginning to find meat interesting, the pups will try to check out her juicy bone. They will be met with utter stillness of her body and lifted lips. She may firmly plant her chin on the edge of the food bowl or on top of her bone, a clear signal of possession any human can recognize. Look closer and you'll note her facial expression has changed, she is looking "hard" at her toddlers and if they come closer, she'll "show teeth" before resorting to snapping at a particularly bold (or stupid) puppy.

Miho Nagasawa of Azabu University, writing for Animal Cognition says "This study has shown that dogs that

Dogs React Continued

Miho Nagasawa of Azabu University, writing for Animal Cognition says "This study has shown that dogs that live closely with humans are also able to recognize positive facial expressions, indicating that these dogs have acquired the social skills helpful to survive. The ability to learn to discriminate human facial expressions must have helped dogs to adapt to human society."

Well, you already knew dogs look at your face and read your expression but it's nice to know that other people got paid to prove it! Then, just when you think the professor knows more than you do, he says "The reason for this difference is not clear. We can speculate that it might have to do with evolution and the genetic wiring of animals."

He probably doesn't own a dog but he is observant about human nature and dog behavior. "...people tend to avoid coming in contact with situations which do not seem to be set up for a happy outcome, and so it appears to be with dogs. The dogs often engage in a sort of "ostrich — head in the sand" behavior, to avoid confronting anything negative, and in this case it involves not looking at or paying attention to a human face which has an angry expression."



Professional dog trainers and handlers know all of this. To keep the dog happy and enthusiastic about performing, they put on a happy face. Dogs respond more to our emotions than any other non-human species including primates.

Dogs make it their business to read our mood, avoid our anger, make us laugh just when we're ready to cry and by always "being there" when we need them. Just thinking about how and why dogs came to us is enough to make you smile. So put on your happy face and give your best friend a hug!

SOGGY by Julie Swinland



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The German Shepherd Dog Club of Minneapolis and St. Paul MEMBERSHIP APPLICATION

Applicant Name (Please Print) _____ **Date:** _____

Address: _____ **Phone:** _____

City: _____ **State:** _____ **Zip:** _____

Email: _____

Please indicate the name(s) of any other dog clubs you belong to: _____

Number of German Shepherds you own: _____ Number of litters bred in the last two years: _____

PLEASE INDICATE (X) THE AREAS IN WHICH YOU MAY BE INTERESTED:

Obedience: Rally: Conformation: Agility: Herding: Breeding: Other (please specify): _____

I would be interested in helping with the following activities:

Specialty Shows & Trials: Fun Matches: Programs: Sleep-O-Grass: Training:
Hospitality: Fundraising: Fun Day: State Fair:

PLEASE INDICATE HOW YOU HEARD ABOUT THE CLUB:

Breeder: Club Member: Facebook: Training: Rescue: State Fair: Friend:
Show/Trial: Fun Day: Socialization/Obedience Workshop: Vet:

I HEREBY MAKE APPLICATION TO THE ABOVE CLUB AND AGREE TO BE GOVERNED BY ITS BY-LAWS.

APPLICANT SIGNATURE: _____ **DATE:** _____

MEMBER PROPOSED BY: _____

This application must be accompanied by a check for one year's dues and signed by a current club member sponsor. Dues are \$25 for a single membership or \$30 for a couple. Please make checks payable to the GSDC of Mpls & St. Paul. Return this application at a training class or club meeting or mail with check to:

Please Note: At the next Membership Meeting following the date applied, the applicant will be announced in the Minutes, whereas any Club members that may object to membership have 30 days to raise their concern. If no concerns are raised, the applicant receives Membership status as stated in the Bylaws which are on the website at www.gsdcmpls.org. Dues shall be assessed on a yearly basis from October 1 through September 30. Membership dates for applicants that become members between July of a given year and the December Membership Meeting date of that year will be waived for the following year.

Please direct any questions to membership@gsdcmpls.org

To be completed by Membership Chair:

Date Dues Paid: _____ Check: Cash: Club cash box: Online: Mailed with Application:
Applicant's name added to membership list:



German Shepherd Dog Club of America, Inc.

Application for Membership

There are two types of membership. **Regular Members:** Minimum age of 18 years. Must be in good standing with AKC, Applicant (and renewing members) agrees to abide by the GSDCA by-laws and the Rules and Regulations of the American Kennel Club. Two endorsements by current members must be provided by new applicants. Applicant's name will be published in the *German Shepherd Dog Review*. Provided no objections have been filed within 30 days of publication in the *Review*, applicant will be notified that he/she is eligible for all privileges including the right to vote. **Junior Members:** Must be 10 years of age and not more than 18 years of age and shall subscribe to the same criteria as Regular Membership with the exception of the requirement to pay dues. Junior members cannot vote, hold office, or serve on committees other than junior committees.

To apply and pay **ONLINE** with a credit card, please go to gsdca.org/join-the-gsdca/apply-online. You can **MAIL** this form to Laura Gilbert, 557 Dunning Lane, Chesapeake, VA 23322

Circle Your Desired Membership Type:

Membership Category	Delivery	One year	Three year	Five year
Single	Online only	\$45	\$130	\$215
Single	Print & online	\$75	\$215	\$355
Family	Online only	\$70	\$200	\$335
Family	Print & online	\$115	\$325	\$545
		Additional delivery charges		
		Delivery in poly wrap: \$5.00		
		1st Class delivery: \$36.00		
		Outside United States: \$24.00		

Membership Information (please print)

Last Name: _____ First Name: _____ Middle Initial: _____

Date of Birth: _____ (Juniors Only)

Address: _____ State: _____ ZIP/Postal Code _____

City: _____ Telephone: _____ Email: _____

Country: _____ Telephone: _____ Email: _____

For FAMILY Memberships, provide 2nd member information. (Family membership is defined as 2 people living in the same household -- principal & one other person).

Last Name: _____ First Name: _____ Middle Initial: _____

Telephone: _____ Email: _____

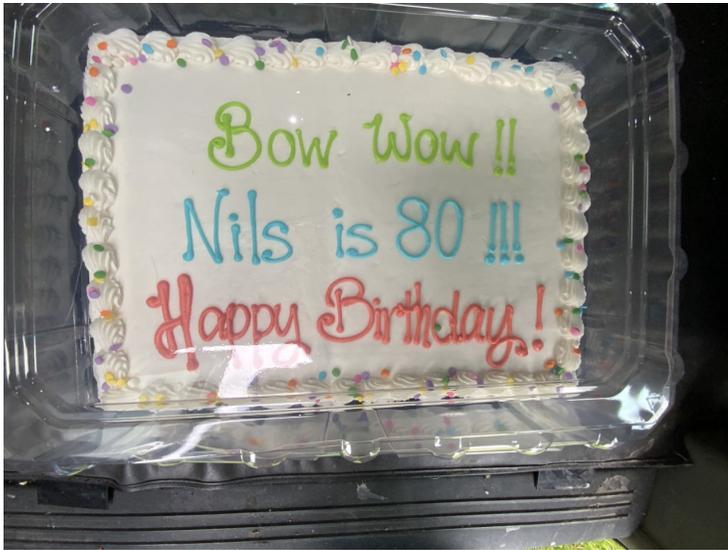
What activities do you enjoy with your GSD? (Circle all that apply) Agility Conformation Herding
House Pet Obedience Rally Schutzhund/Working Dog Sport Tracking Other

Endorser 1 Printed Name & Signature: _____

Endorser 2 Printed Name & Signature: _____

Applicant/Member Signature: _____ Date: _____

Another BRAG!



Nils Anderson celebrated a special birthday at the specialty.

GSDCMSP Class Schedule
Register online. <http://gsdcmssp.org/training.html>

Ring 1
.....Various classes, starting at 6:00
Ring 2 Look at web site to get updated schedule

Training Director:
Terry Berg

Check out the AKC.org website for articles on training.

Soggy by Julie Swinland

Mom says we are going on a barn hunt

Look Mom, there's a barn!

Oh

We aren't looking for Barns, Soggy We will be looking for rats

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