



AMSCOPE

Newsletter of the AMERICAN MINIATURE SCHNAUZER CLUB
June 2021 Volume 41 Issue 6

These 5 Signs Suggest Your Dog Is Depressed

By Stephanie Gibeault, MSc, CPDT

Does your canine companion seem down in the dumps? No one knows for sure whether dogs suffer from depression like people do. We do know they experience mood and behavior changes, but those changes are usually temporary and associated with a recent event in the dog's life, such as the kids returning to school in the fall, or a new puppy in the family who's grabbing all the attention.

We also know that dogs who suffer the loss of a family member often go through a **grieving period**. And of course, many dogs relinquished to shelters seem to experience a period of sadness and uncertainty.

The problem with diagnosing clinical depression (which is different from short-lived episodes of depressed behavior) is that even in humans, there's no biological test to identify the condition. Medical doctors take note of a patient's physical symptoms and what he or she tells them about their feelings to arrive at a diagnosis.

Since dogs can't verbally communicate with us, we need to rely on our powers of observation to determine if a canine companion is feeling blue. Generally speaking, when a vet or veterinary

behaviorist describes a patient as depressed, the dog is displaying a change in normal behavior.

Behavior Changes Can Signal an Underlying Medical Problem

If your dog's behavior changes, even if you suspect you know why, it's always a good idea make an appointment with your veterinarian. Many changes in behavior symptomatic of depression, including lack of appetite, potty accidents in the house, sleeping more than usual, reluctance to exercise, and sudden aggressive behavior in a dog who has never shown aggression, can also be signs of any number of underlying medical conditions.

Once a physical problem is ruled out (including thyroid disease), rest assured there are things you can do to help your sad pup cheer up

Is Your Sad Dog Feeling Lonely or Ignored?

During periods when our home or work lives (or both) get very hectic, the family member who most often fades into the background is the dog. If your canine companion is getting lost in the shuffle of your busy life, it could be the reason he seems sad.

Dogs desperate for more time and attention from their humans tend to:

•**Sleep more than normal** — An otherwise healthy young or adult dog who sleeps the day away is bored and in need of physical exercise and playtime, as well as mental stimulation. Try to set aside an hour a day to focus on your dog.

Take walks, head to the dog park, go running together, or play a lively game of fetch. Also consider enrolling your dog in an obedience class or a canine activity like agility or **nose work** to keep him mentally challenged.

•**Get into mischief around the house** — If your dog suddenly starts relieving herself indoors, it could be a sign she's stressed,

but there might also be an underlying health problem, so if you haven't already, I recommend a visit to your veterinarian to rule out a medical condition.

If she gets a clean bill of health, then it's probably safe to assume she's in need of more of your time and attention. If she's also starting to be destructive or disruptive around the house, it's almost a sure bet she needs more from you.

If part of the problem is that she's **alone all day** while you work, consider hiring a dog walker to take her out for a stroll in the middle of the day. Many dogs are just plain bored. Boredom can lead to restlessness and anxiety, which can foster sadness.

You might also see if there's a doggy daycare in your area where she could spend a few hours a week interacting with other dogs. You'll also want to ensure she's getting enough daily exercise and mental stimulation to keep her in balance. Remember, a tired dog (both mentally and physically) is a good dog!

•**Become overweight** — Dogs in the wild spend most of their waking hours hunting their next meal. Dogs in our homes spend most of their awake time eating what we feed them and looking for a good spot to nap. The result is an epidemic of overweight and obese dogs, and we have no one to blame but ourselves.

If you're overfeeding or over-treating your dog as a way to soothe your own guilt over not spending enough time with him, remember that food is a poor substitute for your time and attention.

con't on p. 3 ...**DEPRESSED**

The deadline for the July issue is June 8

TABLE OF CONTENTS

5 Signs.....	1
Are You Happy?	2
Cancer Sniffing...	4
New Applicants	3
Nominating Committee	3

LOOK

Please let me know if you make a change

* **DECALS & PINS.** You can get **AMSC decals (\$1.00)** and **replacement pins (\$7.50)** from

Debbie Herrell
13445 Phal Road
Grass Lake, MI 49240
Phone: 517-522-4173
sercatep@yahoo.com

Report all changes to the Roster to
treasurer@AMSC.us
Bonnie Keyes
511 River Terrace
Endicott, NY 13760
(607)742-3828

The log in information for the Members section is as follows:

Password is: **2020Schnauzer**
It is case sensitive.

Here's the link to the Members
Section:

<http://amsc.us/members-log-in>

Please write down or save the
User Name and Password as
there is quite a bit of pertinent
information in our Members
Section.

UPCOMING SPECIALTIES

Roving – Grayslake, IL
June 19, 2021

Regular Classes: Peggy Beisel-McIlwaine
Sweeps: Mary Paisley

Montgomery County
October 10, 2021

Regular Classes: Bruce Schwartz
Sweeps: Tatiana Meyers

Roving – Northern Calif Terrier Assn
July 8, 9 in conjunction Sacramento
July 10, 11 in Lodi CA

Regular Classes: Marcia Feld
Sweeps: Amy Gordon

Montgomery County
October 9, 2022

Regular Classes: Bergit Coady-Kabel
Sweeps: Cheryl Coffman

Research Shows Your Dog Can Hear When You're Happy or Sad

By Stephanie Gibeault, MSc, CPDT

Dogs' ability to communicate with humans is unlike any other species in the animal kingdom. They can sense our emotions, read our facial expressions, and even follow our pointing gestures. They seem to possess a special skill for knowing exactly how we're feeling. But not much is known about the role that hearing plays in that ability. Recent research from the Department of Veterinary Medicine at the University of Bari Aldo Moro in southern Italy looked at how dogs process human emotions based only on our vocalizations.

Previous studies have shown that dogs can combine hearing and sight to match happy and angry human faces with happy and angry vocalizations. When using only their hearing, researchers found that dogs can distinguish the positive sound of laughing from the negative sound of crying, and that negative sounds upset and arouse dogs more than positive ones. There are six basic emotions that humans can recognize from vocalizations, regardless of culture: fear, sadness, anger, disgust, surprise, and happiness. The current study aimed to investigate if dogs can recognize all six from nonverbal vocalizations alone.

Thirty dogs were tested in a simple setup. The dogs were given food in a bowl in the center of a testing room, and two speakers were evenly spaced on either side of the bowl. This put the dog an equal distance from each speaker. While the dogs were eating, the speakers played nonverbal human sounds. For example, fear sounds were screams and happy sounds were laughs. The reaction of the dogs to each sound was videotaped.

The scientists were interested in whether the dogs turned their heads to the right speaker or to the left, although both speakers were playing the same sounds. There are two reasons why this is

important. The first is because dogs, like humans, use the left side of their brain to control the right side of their body, and vice versa. The second is that previous research has shown dogs tend to process emotionally positive sounds with the left side of their brain and emotionally negative sounds with the right. If the dog turned to the left upon hearing the sound, it would indicate he was processing that sound with the right side of his brain, and therefore, interpreted it as negative.

Results showed that dogs turned to the left for the fear and sadness vocalizations. The trend was the same for anger, but the results were not statistically significant. This indicates the dogs were processing these particular sounds on the right side of their brain, and therefore interpreted them as negative. For happy sounds, the dogs turned to the right, showing that they interpreted them as positive.

Disgust and surprise didn't show any significant trends, perhaps because those emotions are more context dependent. For example, poop may be disgusting to humans, but it's exciting to dogs. So, the dogs may not have known how to interpret the disgust and surprise without further information.

Overall, it seems that dogs can determine human emotions using only their ears, at least for happiness, fear, and sadness — using the right side of their brain for processing negative emotions and the left side for positive ones. Additional data collected on heart rate and behavior, such as tail wagging and yawning, supported these findings. That means future studies of head turning, matched with behavior and physiological data such as heart rate, could allow new insight into animal emotions. We can't ask dogs how they feel in a given situation, but by using these methods,

DEPRESSED...from p.1

•**Be disobedient** — Most dogs naturally want to please their humans, so if your pooch is giving you attitude, it's a good bet you need to spend more time with her. It could be she needs an obedience refresher course, or it's possible you haven't discovered what truly motivates her. Some breeds are more eager to please than others, so if your dog has an independent nature, you'll need to learn how to get her attention.

•**Resist housetraining** — While it's true some dogs are easier to **housetrain** than others, an adult dog who has frequent accidents indoors isn't getting the time and attention he needs to learn that all peeing and pooping is done outside. Following a very consistent "time for your walk" routine, crate training as necessary, and positive behavior reinforcement are the keys to success in housetraining.

5 Tips for Helping a Depressed Dog

1.Be careful not to unintentionally reward your dog's depression — It's only natural to want to comfort your sad pet, but unfortunately, giving attention to a dog who is displaying an undesirable behavior can reinforce the behavior. Obviously, the last thing you want to do is reward a lack of appetite, inactivity, or other types of depressed behavior in your dog. Instead, you want to help her over the hump.

A better idea is to try to distract her with healthy, fun activities that provide opportunities for positive behavior reinforcement. This can be a **walk**, short training sessions, a game of fetch, nose work, or offering her a food puzzle toy or recreational bone.

2.Keep your daily routine consistent — Pets do best when they know what to expect from one day to the next. Try to keep mealtimes, exercise, walks, playtime, grooming, bedtime, and other daily activities on a consistent schedule.

Dr. Satchin Panda of the Salk Institute suggests allowing your dog to have a "sniffari" outside for 10 minutes in the morning and 10 minutes at night, which keeps the body's circadian rhythm in sync and the appropriate neurochemical production up to par. Open your blinds and shades every morning to allow as much natural light into your home as possible and shut off WiFi and routers at night to give your dog a break from EMFs.

3.Spice up the menu offerings — Nutritional variety not only diversifies the microbiome, but new foods, toppers, treats and snacks make training and food games more interesting and enjoyable. If you find your dog isn't interested in eating much, consider offering a yummy **raw bone** for dessert, or make a tasty treat for training purposes that he hasn't had before.

Store what he doesn't eat in the fridge and offer it to him again at his next regularly scheduled mealtime. Use his hunger to help him get his appetite back by resisting the urge to entice him with unhealthy food toppers.

4.Use natural remedies, if needed — There are some excellent homeopathic and Bach flower remedies that can be easily administered to your depressed dog until you see an emotional shift for the better.

Some of my favorite supplements include probiotics with *Bifidobacterium longum*, ashwagandha, rhodiola, St. John's wort and SAME, used with flower essences such as Jackson Galaxy's **Grouch Solution** or **Winter Blues Solution** for seasonal affective disorder, or several Bach flower remedies including **Mustard**, and **Green Hope Farm Grief and Loss**.

5.Give it time — Your dog's depression may take a few days or even weeks to blow over, but eventually most pets return to their normal lively selves. If at any point you feel your pet is suffering unnecessarily or there is something more going on than a case of the blues, I recommend discussing the situation with your vet or a veterinary behaviorist.

NOMINATING COMMITTEE

The Board has selected the Nominating Committee and Chairman. The Chair is Carla Nickerson and her committee is :

Amy Gordon

Jackie Harris

Patricia O'Brien

Karla Hench

Carla Nickerson

Cheryl Dugan is alternate

The new Board Members for the Class of 2025 will be announced in June.

NEW APPLICANTS**Murray Clark**

30 Lioba Drive
Toronto, Ontario
Canada M1L 4V4
murray.clark@bell.net
416-873-5777

Murray is a non-US resident applying for Foreign Membership. He has been involved with Miniature Schnauzers since the 1970s. His parents were the breeders and he was the handler until 1990 when he took over the breeding as well. He enjoys exhibiting in the American shows and would like to be able to contribute. He agrees to abide by the AMSC Code of Ethics and Breed Standard. Murray has bred ten litters in the past five years, and he attends approximately thirty dog events per year. He is willing to share his long-time experience with breeding and handling and anywhere else he can be of service to the club. Murray is a C.P.A.
Sponsors: Lynda Berar and Heather Orr

Tricia Carmack

19176 Tarman Rd
New Paris, IN 46553
blessinhausms@yahoo.com
574-238-1977

Tricia has wanted to join for a few years. She agrees with what AMSC stands for. She believes that in order to preserve our breed we need to be held at a higher standard to ensure keeping to the breed standard as closely as we possibly can and in an ethical way. She agrees to abide by the Code of Ethics and Breed Standard. She has six dogs and most are Champion or Grand Champions. She has been involved in Agility and Obedience for thirty years and Conformation for eleven years. She has been breeding for four years. She is also a 4-H dog club trainer for nine years. Tricia attends 12-24 shows per year and belongs to Michiana Kennel Club, Northern IN/Southern Michigan and is Recording Secretary for Greater Columbus Miniature Schnauzer Club. She owns a dog grooming shop and is a dog trainer.
Sponsors: Gale Schnetzer and Carma Ewer

How Cancer-Sniffing Dogs Can Detect Lung Cancer

Dogs have an excellent sense of smell—at least 10,000 times stronger than that of a human. Some scent hound breeds, such as the Bloodhound and Beagle, have as many as 225 million olfactory receptors.

Due to their incredible sniffing abilities, scent hounds are regularly used for hunting, search and rescue, and explosive detection.

Recently, there has been increased interest and research into how dogs can use their noses to help detect diseases.

Here are the most recent developments in the science of cancer-sniffing dogs.

Are Cancer-Sniffing Dogs Accurate in Detecting Disease?

A dog's nose has been used for all sorts of jobs throughout history, but now, their olfactory excellence is being put to the test in the medical field.

In 2010, scientists trained Giant Schnauzers to sniff out ovarian cancer.

Their results were impressive—the dogs were nearly 100% accurate at determining whether a woman had ovarian cancer or not, just by smelling a small blood sample.

Researchers are now beginning to expand on these detection capabilities and looking into cancer-sniffing dogs for lung cancer.

Using Cancer-Sniffing Dogs for Early Detection of Lung Cancer

It is estimated that 13% of cancers are classified as lung cancers, with more than 200,000 new cases in the US every year. The survival rate is best if lung cancer is detected early, but most patients are diagnosed at later stages.

Also, the tools used to diagnose lung cancer (chest X-ray and CT imaging) are expensive and can be inaccurate at identifying early cases of lung cancer.

For these reasons, experts are searching for an affordable and noninvasive way to diagnose lung cancer in the early stages.

Recent Study Results for Dogs Detecting Lung Cancer

The Lake Erie College of Osteopathic Medicine-Bradenton collaborated with BioScent Dx in Florida to study Beagles' abilities to detect lung cancer.

In the study, specially trained Beagles smelled samples of blood serum from healthy patients and samples from patients who were recently diagnosed with lung cancer.

For these tests, the researchers randomly placed one cancer-positive sample among four cancer-free samples.

After smelling the different samples, the dogs notified their handlers that they smelled lung cancer by sitting.

The recently published paper on the study has some promising findings. On average, the three dogs detected cancerous vs. noncancerous serum samples over 95% of the time.

When Will Doctors Start Using Canine Cancer Detection?

Canine cancer detection is still in the experimental stage and is not regularly offered as a medical service. And while these results were very promising, the researchers say there's more work to be done.

One of their next steps is to compare the accuracy of the scent detection method against other methods, such as chest X-ray and CT imaging.

They also want to see if the dogs can smell lung cancer in samples other than blood serum, such as saliva or breath.

One thing is for sure—a dog's sense of smell is even more powerful than we thought.

By Dr. Natalie Stilwell

**The Portland MSC
will be holding its Designated
Specialty with the Southern
Oregon Terrier Association
on July 16 2021 at Bandon HS
in Bandon, Oregon
Judge is Philip Freilich
Sweepstakes Judge is Laura
Reeves**

Montgomery/MCKC Show Week

Hotel Reservation Information Morris & Essex Hotel

Edison Red Roof

860 New Durham Road

Edison, NJ 08817

732-248-9300 (hotel direct)

1. Block Name: B194AMSC.

2. To make your reservation: Call 1-800-733-7663 to book your room;

open 7 days a

week, 8AM-1 AM EST

3. Block room rate available until Friday, 9/3/2021; unclaimed rooms will then be

released and group discount unavailable

4. Group rate is available for 10/3/2021 - 10/5/2021, combination of Deluxe 2 Bed and

Superior King rooms, non-smoking, \$67.99 - \$80.74 per night, 14.6% tax not included

5. You must change or cancel by 9/3/2021 to avoid first night billings

MCKC/Hatboro/Devon Hotel
Homewood Suites Philadelphia/Valley

Forge

681 Shannondell Blvd

Audubon, PA 19403

610-539-7300 (hotel direct)

1. Block Name: AMS

2. To make your reservation:

a. Click or copy this booking link:

<https://tinyurl.com/rbetrp96>

b. Call 1-610-539-7300, option "0"

3. Block room rate available until Sunday 8/29/2021; unclaimed rooms will then be

released and group discount unavailable

4. Group rate is available for 10/5/2021 - 10/11/2021, combination of 1

Bedroom Suite

Kings (\$149), 2 Bedroom Suites (\$199) and Studio Kings (\$129), non-

smoking, 10% tax

not included

5. \$75 non-refundable pet fee
Member Meeting and Social 10/9/2021

At this time, we are planning to have the member meeting and social at the

Jeffersonville Golf Club, a short drive from the hotel. Additional information

will be

available closer to the event.

Any questions, contact me at

barbaramd_2000@yahoo.com or 1-215-896-9666.

Barbara Donahue

MCKC Hospitality



Portland Miniature Schnauzer Club



2021 Specialty/Sweepstakes (designated) with the Terrier Association of Oregon



July 23, 2021 at the Expo in Portland, OR

Judge: Virginia Latham Smith

Sweepstakes: Laura Reeves



Followed by

Portland Kennel Club's Stumptown Cluster - July 23 - 25 all breed shows

Following week

Rose City Classic July 28 -August 1, 2021

St. Paul, OR



The 2021 Roster is up on the website and is attached to your current Amscope. Send any and all changes to: **Bonnie Keyes, Treasurer at:**

treasurer@amsc.us

cborr@aol.com

TICK REPELLENT RECIPE

20 Drops Lemongrass Essential Oil

20 Drops Eucalyptus Essential Oil

4 oz. of Water

Add all ingredients in a spray bottle...

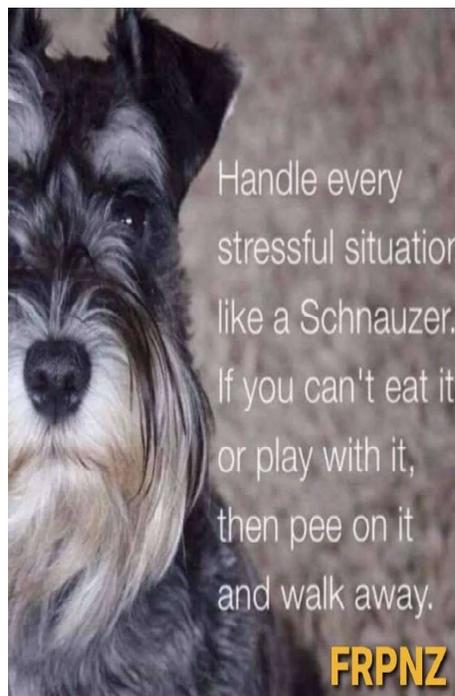
Shake Well!

Spray on shoes, socks, and pant cuffs



SAFE FOR HUMANS AND DOGS

rawforbeauty.com



Handle every stressful situation like a Schnauzer. If you can't eat it or play with it, then pee on it and walk away.

FRPNZ

All magazines and AMSCOPE will be mailed. We are hoping not to have any returned.



AMSCOPE

Carla M. Borrelli, Editor
1799 South Creek Road
Derby, NY 14047-9729

FOR YOUR CONVENIENCE: The following information is given to help conduct AMSC business more efficiently. Please remember that the Secretary and the AMSCOPE editor should **BOTH** be notified of address changes, club officers and specialty results.

PRESIDENT

John Constantine-Amodei

2479 Sonoma Dr W
Nokomis, FL 34275
Phone: 215-527-5437
john@adamis.org

VICE PRESIDENT

Vicki Kubic

513 River Terrace
Endicott, NY 13760
Phone 607-725-3662
vickikubic@aol.com

SECRETARY

Carol Hafner

576 East Quincy Ave
Fresno, CA 93720-2125 Phone:
559-435-6207
cnhafnish@sbcglobal.net
secretary@amsc.us

MEMBERSHIP

Debbie Herrell

13445 Phal Road
Grass Lake, MI 49240
Phone: 517-522-4173
sercatep@yahoo.com

TREASURER

Bonnie Keyes

511 River Terrace
Endicott, NY 13760
(607)742-3828
treasurer@amsc.us

AMSCOpe

Carla Borrelli

1799 South Creek Road
Derby, NY 14047
Phone: **716-572-7010**
cborr@aol.com

AMSC Web page: <http://amsc.us>

AKC home page: <http://www.akc.org/akc/>

