

## The Future of Medicinal Marijuana in Pets

By *Jasmine Streeter, DVM*  
Special to *The Skanner News*

Quality of life and wellness are at the forefront of every pet owner's mind. With longer lifespans comes age related disorders.

Recently, many owners with geriatric pets are turning to medical marijuana, specifically cannabidiol (CBD) as a solution for a variety of chronic and debilitating illnesses. Surprisingly, even with a rise in CBD use and interest for pets, current laws haven't kept up with the trend.

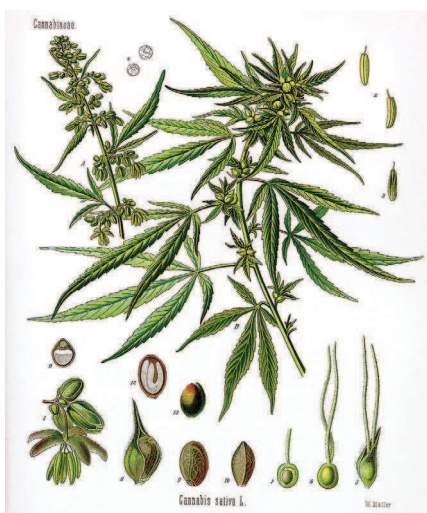
Although recreational marijuana is legal in Oregon, it is still registered as a Schedule 1 control

**“Personally, I have seen CBD-derived products show beneficial therapeutic results**

substance. The Oregon Veterinary Medical Examining Board (OVMEB) currently advises veterinarians under its jurisdiction to use caution in discussing marijuana use with its clients. There has been little research conducted into the effects of THC and CBD compounds due to a delay by regulators.

Multiple states like New York, California, Nevada and Utah have introduced bills to allow veterinarians to prescribe marijuana and begin the path for clinical research. The American Veterinary Medical Association's policy-making body said last summer it wants the DEA to declassify marijuana as a Schedule 1 drug “to facilitate research opportunities for veterinary and human medical uses.”

Cannabis has been used therapeutically for hundreds of years. A recent article in procon.org, “History of Marijuana as Medicine”, sited medicinal cannabis was referenced as early as 2900 BC by the Chinese Emperor Fu Hsi. Cannabis sativa L. can be separated into two main types, non-psy-



Dr. Jasmine Shanelle Streeter  
Veterinarian

chotropic hemp, which is high in fiber and CBD but contains low THC, and psychotropic marijuana which is high in tetrahydrocannabinol (THC). Cannabis produces cannabinoids, chemical compounds that act on cannabinoid receptors in the brain. Cannabinoids are not only found in cannabis but also in plants like echinacea, cacao and black pepper. The two main cannabinoid receptors in the body which are responsible for helping maintain homeostasis are CB1 and CB2. These receptors are found in a number of mammals, birds, fish and reptiles. Dogs contain a large number of CB2 receptors, more than humans, which makes them sensitive to THC.

CBD is currently being considered as a treatment for conditions such as seizures, inflammation, cancer and behavioral issues.

Personally, I have seen CBD-derived products show beneficial therapeutic results for treating arthritis, dermatitis and anxiety in my pets. I have also listened to countless stories from owners of how CBD treatment has changed their pet's life for the better. Moving forward, education by veterinarians and qualified professionals, and activism directed towards furthering medicinal cannabis clinical research will be needed to move this budding field forward.

If you or someone you know has used CBD oil to treat your pet, please contact me. I would love to hear your story.

You can ask Dr. Jasmine your pet question or email your pet photo to [drjasmine@theskanner.com](mailto:drjasmine@theskanner.com).

## Genealogy Site Didn't Know It Was Used To Seek Serial Killer

Owners of GEDmatch say they were never approached by law enforcement about use of DNA

By *Michael Balsamo and Jonathan J. Cooper*  
*Associated Press*

SACRAMENTO, Calif. (AP) — A genealogy website that investigators used to find the former police officer they believe was one of California's most terrifying serial killers had no idea its services were being used to pursue a suspect who eluded law enforcement for four decades.

Florida-based GEDmatch said it was never approached by authorities or anyone else about the case. The free genealogy website, which pools DNA profiles that people upload and share publicly, says that it has always informed users its database can be used for other purposes.

But the site's co-founder said he has privacy concerns after learning that law enforcement used the site and insists that his company does not “hand out data.”

“This was done without our knowledge, and it's been overwhelming,” Curtis Rogers told The Associated Press.

Lead investigator Paul Holes told the Mercury News in San Jose, California, that GEDmatch was one of his team's biggest tools.

Holes said officials did not need a court order to access GEDMatch's large database of genetic blueprints. Major commercial DNA companies say they do not give law enforcement access their genetic data without a court order.

Joseph James DeAngelo, 72, was arrested Tuesday after investigators matched crime-scene DNA with genetic material stored by a distant relative on an online site. From there, they narrowed it down to the Sacramento-area grandfather using DNA obtained from material he had discarded, Sacramento County District Attorney Anne Marie Schubert said.

Civil libertarians said the practice raises troubling legal and privacy concerns for the millions of people who submit their DNA to such sites to discover their heritage.



In this March 1, 2018, photo, rape survivor Jane Carson-Sandler, of Sun City Hilton Head, S.C. poses for a photo holding a copy of her book about the experience called, “Frozen in Fear.” Carson-Sandler was one of many victims of a California serial rapist.

There are not strong privacy laws to keep police from trolling ancestry site databases, said Steve Mercer, the chief attorney for the forensic division of the Maryland Office of the Public Defender.

“People who submit DNA for ancestors testing are unwittingly becoming genetic informants on their innocent family,” Mercer said, adding that they “have fewer privacy protections than convict-

**“People who submit DNA for ancestors testing are unwittingly becoming genetic informants on their innocent family**

ed offenders whose DNA is contained in regulated databanks.”

GEDMatch is a free site where users who have DNA profiles from commercial companies such as Ancestry.com and 23andMe can upload them to expand their search for relatives.

Holes said officials did not need a court order to access GEDMatch's database of genetic blueprints.

DNA was just coming into use as a criminal investigative tool in

1986 when the predator variously known as the East Area Rapist and the Golden State Killer apparently ended his decade-long wave of attacks.

DeAngelo, a former police officer, probably would have known about the new method, experts said.

“He knew police techniques,” said John Jay College of Criminal Justice professor Louis Schlesinger. “He was smart.”

No one who knew DeAngelo over the decades connected him with the string of at least a dozen murders, 50 rapes and dozens of burglaries that happened throughout California from 1976 to 1986.

After he was identified as the suspect, prosecutors rushed to charge him with eight killings.

In addition, police in the central California farming town of Visalia said Thursday that DeAngelo is now a suspect in a 13th killing and about 100 burglaries.

In 1975, community college teacher Claude Snelling was shot while trying to stop a masked intruder from kidnapping his 16-year-old daughter from his home.

Investigators lacked DNA evidence so Snelling's death and the burglaries weren't included in the tally of Golden State Killer crimes but fingerprints and shoe

See **KILLER** on page 11

FRIDAY-SUNDAY JUNE 22-24, 2018

# GOOD IN THE HOOD Festival

PRESENTED BY UNIVERSITY OF OREGON

HOSTED BY SAM “SEEZNI” THOMPSON

MUSIC BY DJ PRYCE MIYAGI

LIVE PERFORMANCE BY THE LEGENDARY HOWARD HEWITT OF SHALAMAR

A WEEKEND FILLED WITH LIVE JAZZ, BLUES R&B, LATIN, POP, NEO-SOUL + CONSCIOUS HIP/HOP

AT KING SCHOOL PARK NE GOING STREET PORTLAND OR 97211 WWW.GOODINTHENEIGHBORHOOD.ORG

ACTIVITIES INCLUDE MULTICULTURAL FOOD MARKETPLACE INFORMATION VILLAGE KIDS SPACE & PARADE

IF YOU'RE INTERESTED IN BECOMING A FOOD VENDOR, SELLING MERCHANDISE, INFORMATION BOOTH PARADE PARTICIPATION, SPONSORING A KIDS SPACE OR VOLUNTEERING, CONTACT GITH HOTLINE AT 971-302-6380 OR EMAIL: GOODNTHEHOOD.ORG