

July, 2008 Volume 5 Issue \#3<br>Copyright © UPBA, 2008

# From the President's Pen 

By Sally Eller<br>sallyeeller@gmail.com

I am so pleased to report that UKC has approved UPBA as a Fully licensed Conformation and Obedience Club. Michelle Morgan of UKC sent the official letter with a date of July 8, 2008. As you know, we are ahead of the game with our first fully licensed (all-breed) obedience event on September 19, 2008. This is the same day as our Fall Conformation Show. We are grateful once again to the American Hairless Terrier Association for sharing their UKC weekend with us. In addition to Friday, we will have all-breed obedience trials on Saturday and Sunday. See our flyer in this newsletter for all the details, as well as on the web site. PLEASE take flyers to distribute at all the shows you attend between now and then!

Have any of you tried herding? Vikki Kauffman, a UPBA member, is urging us to take an interest in this fun sport. Vikki is sponsoring a herding capability test and clinic in September in Washington state, so if you can get there, you might want to give it a try. Or pass the flyer on to another poodle owner who might be interested. You can contact Vikki exclusivelypoodles@yahoo.com to get an invitation to her poodle herding list. I know my Jackson thoroughly enjoyed his herding instinct test and passed with ease. And ---look in this newsletter for Linda Howard's photos of her Standard and the fun they had herding. The UPBA board will write a letter of support to UKC for the herding program. It would be a great help if I could know how many of you have done herding, or would be interested in it as
sport in UKC. Just send me a note at the email above.

ANNUAL MEETING --- This year we will have our Annual Meeting on line. The board hopes that this will allow more of you to attend. Our Bylaws state that we need $20 \%$ of our membership, (at least 12 members) to attend to make it an official Annual Meeting. Our meeting will be September 24 at 8:30 ET. We will "meet" on the Chatzy site: http://www.chatzy.com/922129548873 You will have to log into Chatzy and enter a password to get into the site. All of the minutes, committee reports, etc. will be posted on the Yahoo UPBA member site in advance of the meeting so you can read them before the meeting. This way the meeting will go faster and you can be prepared to approve or disapprove. We need you to plan to join us so our meeting can be official.

See you at our shows and online!


## ANNUAL MEETING

The UPBA Annual Meeting for 2008 will be held on September $24^{\text {th }}$ at $8: 30 \mathrm{pm}$ ET. We will meet "online" at Chatzy site: http://www.chatzy.com/922129548873
We need $20 \%$ of our members to attend, so please make plans to join us.

New Title Holders<br>Through June 22, 2008

## Conformation

Grand Show Champion
POODLE
GRCH Y NOT MY GIVEADAM'S BUSTED
JERI KELSEY WOLF
GRCH CYNPAMS QUICK PICK
PAMELA WOODS \& ANTOINETTE WOODS
STANDARD POODLE
GRCH BAROQUE BASIL KING
CINDY RAMBIS KING \& GARY L KING
GRCH TIARA YEAH YOU GOT THAT SOMETHING
JULIE BORST REED \& KIRK STEPHEN REED
GRCH TIARA ZACHARY
JULIE BORST REED \& KIRK STEPHEN REED
GRCH TIARA ZETHAR
JULIE BORST REED \& KIRK STEPHEN REED
GRCH REFINNE LONDON FOG
JENNIFER JO ANDERSON
UCD GRCH CHUPP'S INDIANA MOCHA JAVA
LARRY CHUPP / DIANA CHUPP
GRCH ANTIGUA DON'T LOOK BACK
SUSAN R COOK \& HELEN R SATTERFIELD
GRCH BAROQUE GUNNAR KING
GARY L KING \& CINDY RAMBIS KING
GRCH BAROQUE BASIL KING
CINDY RAMBIS KING \& GARY L KING
GRCH TIARA ZIVAN
JULIE BORST REED \& KIRK STEPHEN REED
GRCH TIARA ZEN
JULIE BORST REED \& KIRK STEPHEN REED
GRCH TIARA ZANZIBAR
JULIE BORST REED \& KIRK STEPHEN REED
GRCH BOXWOOD BLUEBERRY
JOYCE C WILSON

## Show Champion <br> POODLE

CH DE RAY'S I WALK THE LINE
DAVID ANDERSON \& J RAY JOHNSON
CH BENROYAL SILVER ACE JR
RONNIE M BENWARE
CH VENDETTA DU-SCHE
KAREN MC CARRELL / SANDY FRISCHE
CH DE RAY'S CONSIDER THE LILLIES
MELODY BARDACH / J RAY JOHNSON
CH BENROYAL SILVER ACE JR
RONNIE M BENWARE
CH BRIANWOOD NEW BEGINNING
TRINA CHICVARA
CH VENDETTA DU-SCHE
KAREN MC CARRELL / SANDY FRISCHE
CH KAMANN'S SILVER SURFER
RENATE NEWCOMB
CH MTN LAUREL MARBLE ANN
CHRISTINE PFINGSTLER
CH MTN LAUREL STRUTTIN ALL OVER
CHRISTINE PFINGSTLER
CH REINEHAUS WHITE 'N RED SPECIAL
BARBARA REINE / HUGH REINE
CH SHARBELLE TOMMY BAHAMA
LORRAINE TAYEB \& CAROL THURGOOD

STANDARD POODLE
CH KIT-SUE'S MISTER PRESTON
SUSAN ABELN / MALINDA JULIAN

CH ARTEMIS HOUSE GRYFFINDOR
KATHLEEN BURKHART / CORI GACUSANA
CH MARQUIS DIAMOND MISS CONDUCT
SUSAN R COOK \& BRIAN R COOK
CH ANTIGUA DON'T LOOK BACK
SUSAN R COOK \& HELEN R SATTERFIELD
CH JKN'S ALL TUCKERED OUT
KATHLEEN ESIO
CH PAUX DE DEUX CIEL
KAREN KEARNEY
CH PARTIFAVORS SOMETHIN WICKED
JOANNE N MARINO
CH ROYALE JATEKO VENDETTA
KAREN MC CARRELL / TRACEY JOHNSTON
CH SMITH'S LINK
REBECCA MEADOWS
CH AWSOME BLOSSOM OF HIDDEN MEADOWS
REBECCA MEADOWS
CH KITSUES SOMETHING TO CELEBRATE
SUE MERCHANT
CH MAJESSA KISS ME KATE
MYRTLE RIST / ANN FISHER
CH KIT-SUE'S MISTER PRESTON
SUSAN ABELN / MALINDA JULIAN
CH REFINNE WILD SPIRIT
JENNIFER JO ANDERSON
CH JASET CATCH A WAVE
CHRIS BAILEY \& SANDRA TOMPKINS
CH MITHRIL-MARQUISDIAMOND 1STEDITION
SUSAN R COOK \& CAROLYN A CARROLL
CH MARQUIS DIAMOND MISS CONDUCT
SUSAN R COOK \& BRIAN R COOK
GRCH ANTIGUA DON'T LOOK BACK
SUSAN R COOK \& HELEN R SATTERFIELD
CH JKN'S ALL TUCKERED OUT
KATHLEEN ESIO
CH MOONSTONES GOOD TIME CHARLIE
JILLIAN GARTNER
CH MONETS SURPRISE PARTI 4 NATALIE
NATALIE HEFNER \& PATTY REID
CH MONET'S WHISPER OF THE SULTAN
LINDA HENSON / GARRETT HENSON
CH PAUX DE DEUX CIEL
KAREN KEARNEY
CH HIGHFALUTIN' HITS THE SPOT
MAGGIE LANEY
CH HIGHFALUTIN' HUSH-HUSH
MAGGIE LANEY
CH HIGHFALUTIN HOCUS-POCUS @ KAYLENS
MAGGIE LANEY
CH AIRCASTLE'S RUNS WITH SCISSORS
DEENA MAPLEY
CH RUBY ROSE-ROYCE
BILLIE MARTIN
CH ROYALE JATEKO VENDETTA
KAREN MC CARRELL / TRACEY JOHNSTON
CH OMAHA HOUDINI AT THE MIRGE
MELINDA MC CRAY
CH KIT-SUE'S TRUE
REBECCA MEADOWS
CH SMITH'S LINK
REBECCA MEADOWS
CH AWSOME BLOSSOM OF HIDDEN MEADOWS
REBECCA MEADOWS
CH KITSUES SOMETHING TO CELEBRATE
SUE MERCHANT
CH MAJESSA KISS ME KATE
MYRTLE RIST / ANN FISHER
CH CNC'S JOEY IN THE SPOTLITE

JEAN MARIE ROBERTSON \& CHRIS ROBERTSON
CH RAINBOW RIOT'S RAMBLIN ROSIE
DIANA SEARLES
CH SISCO'S RETURN TO SENDER
KAREN SISCO \& ELENI STEVENS
CH TE-AWA'S THUNDER ROLLS
DAVID SPOTILA / DENISE SPOTILA
CH APRE'S ARGENT WALKING IN STYLE
DAVID SPOTILA / DENISE SPOTILA
CH SISCO\&ELENI'SWISHIN'YOUWEREHERE
ELENI STEVENS
CH MIDNIGHT JAMAICA SABINE
KAILIEN VERNON

## Obedience

United Utility Dog
STANDARD POODLE
UUD LORD EINSTEIN OF TIMBERLAKE
JOANN SMITH

## United Companion Dog Excellent POODLE

UCDX CH WHITE CREST RARE BLACK DIAMOND SARA BERKE

STANDARD POODLE
UCDX K'LAND'S DELANEY OF TUDOROSE
HOLLY THAU \& HANK WERNER
UCDX SAFFYRE SAYS SO
PATRICIA A BILLINGS
UCDX K'LAND'S DELANEY OF TUDOROSE
HOLLY THAU \& HANK WERNER

United Companion Dog
STANDARD POODLE
UCD POOPLA'S GLENLIVETS BAM BAM
CAROL MYERS / LARRY MYERS
UCD GRCH CHUPP'S INDIANA MOCHA JAVA
LARRY CHUPP / DIANA CHUPP
UCD COSMIC LIGHT FANTASTIC
CATHY W RAINER
UCD OMAHA'S WILD BILL CODY AT BJ'S
JUDY W SPENS / BILLY Y SPENS
UCD RIDGEWOOD'S SPENCER FOR HIRE
FRED SUSGIN \& JANE SUSGIN
UCD CH PRAIRIEDOGS' SHADOW DANCER
MIDGE TUCKER \& KAREN SCOPEL

## Agility

## Grand Agility Champion <br> POODLE

UGRACH CH FREEWYN BEOWULF
HAROLD W KOHLMAN

## United Agility Champion Excellent POODLE <br> UGRACH CH FREEWYN BEOWULF <br> HAROLD W KOHLMAN <br> UACHX MAR-B'S LUCKY DRAW NUMBER SIX <br> HAROLD W KOHLMAN

## STANDARD POODLE

UACHX CZAR COLANDO'S WALLACE
JAMES P COLANDO \& SHIRLEY ROBERTSON UACHX LEMERLE REV IT UP!

## SHELLY K WEEKS

## United Agility Champion <br> POODLE

UACH KERBEROS JAY DOERFLER
MELINDA DOERFLER \& BRIAN DOERFLER
UACHX MAR-B'S LUCKY DRAW NUMBER SIX HAROLD W KOHLMAN

## STANDARD POODLE

UACHX CZAR COLANDO'S WALLACE
JAMES P COLANDO \& SHIRLEY ROBERTSON

## United Agility II <br> POODLE

UAGII JOANS PRECIOUS RUSTY DESHLER
JOAN C DAVIS
UAGII DOERFLER'S OSIRIS OF STARDUST
MELINDA DOERFLER \& BRIAN DOERFLER

## United Agility I

## STANDARD POODLE

UAGI BLUE RIBBON MIDNIGHT MONTY
KENNETH M NAGLER
UAGI GRCH BLU MAJIC MONTY'S FLYING CIRCUS
DOLORES MC DERMOTT / LOUANN CURREY

## Dog Sport

Family Obedience
STANDARD POODLE
FO TIARA Q SIR QUIGLEY OF MELODY
SUSAN DEARHOLT
FO CH TAJ MY DAWG OF MELODY
RINA PHILLIPS

| $4$ |  |  |  |
| :---: | :---: | :---: | :---: |
| Upcoming Health Clinic |  |  |  |
| Symbols for tests: Heart (Cardiac) $\boldsymbol{P}$; Eyes |  |  |  |
| Hearing (N); Blood © ; X-rays $\mathbf{X}$; Other test Microchip |  |  |  |
|  |  |  |  |
| STATE/ | CITY | DATE | TESTS |
| AB | Calgary | 9/5-7/08 | $\bullet$ |
| AZ | Scottsdale* | 9/7/08 | -18) |
|  | "* | 1/25/09 | - (\%) |
| BC | Abbotsford | 8/16/08 | (2) |
| " | " | 10/30/08 | (1) |
| " | Cobble Hill | 9/28/08 | (\%) |
| " | Prince George | 9/13/08 | (2) |
| CA | Dixon | 8/2-3/08 | $\checkmark$ |
| " | " | 8/2/08 | (1) |
| " | Pleasanton | 10/17- 18/08 | - |
| CO | Grand Junction | 9/20/08 | (1) |
| " | " | $\begin{aligned} & \hline 9 / 20- \\ & 21 / 08 \\ & \hline \end{aligned}$ | $\checkmark$ |
| " | Greeley | 8/16/08 | (1) |


| " | " | $\begin{aligned} & \hline 8 / 16- \\ & 17 / 08 \end{aligned}$ | $\bigcirc$ |
| :---: | :---: | :---: | :---: |
| CT | Manchester | 9/7/08 | (1) |
| " | " | 9/14/08 | $\bigcirc \times 1$ |
| FL | Orlando | 8/9/08 | (1) |
| IL | Decatur | $\begin{aligned} & \hline 10 / 17- \\ & 20 / 08 \end{aligned}$ | $\bigcirc$ |
| IN | Muncie | 8/16/08 | (1) |
| IA | Davenport | 9/14/08 | (1) ${ }^{\text {( }}$ |
| " | West Burlington | 8/16/08 | (3) |
| KS | Lawrence | $\begin{gathered} \hline 10 / 13- \\ 14 / 08 \end{gathered}$ | Paリ+ |
| " | Salina | 9/13/08 | (1) |
| " | Topeka | $\begin{gathered} \hline 10 / 14- \\ 15 / 08 \end{gathered}$ | $\bigcirc$ |
| KY | Ft. Mitchell | 9/25/08 | (1) |
| ME | Bangor | 11/15/08 | (3) |
| " | Topsham | 9/27/08 | (1) |
| MB | Steinbach | $\begin{aligned} & \hline 9 / 13- \\ & 14 / 08 \end{aligned}$ | - (3) |
| MD | Bowie | $\begin{aligned} & \hline 9 / 20- \\ & 21 / 08 \\ & \hline \end{aligned}$ | $\bigcirc$ |
| " | Havre de Grace | 10/18/08 | (1) (1) |
| " | Mount Airy | 10/4/08 | (0) |
| MN | Lake Elmo | $\begin{aligned} & \hline 8 / 23- \\ & 24 / 08 \\ & \hline \end{aligned}$ | $\bigcirc$ |
| " | St. Paul | 8/9/08 | (1) |
| " | " | 8/23/08 | (1) |
| " | " | 9/6/08 | (1) |
| MO | Chesterfield | 8/3/08 | $\bigcirc \times 1$ |
| " | Kansas City | 8/22/08 | $\bigcirc$ (1) |
| MT | Bozeman | $\begin{aligned} & \hline 9 / 17- \\ & 18 / 08 \end{aligned}$ | (3) |
| NE | Lincoln | 10/4/08 | (0) |
| NV | Boulder City | $\begin{aligned} & \hline 10 / 11- \\ & 12 / 08 \end{aligned}$ | (1) |
| NB | Rothesay | $\begin{aligned} & \hline 8 / 16- \\ & 17 / 08 \end{aligned}$ | $\bigcirc$ |
| NH | Amherst | 10/12/08 | (2) |
| NJ | Clinton* | 8/9/08 | (1) |
| " | Flanders | 8/17/08 | (1) 4 |
| NY | Cortland | 10/18/08 | $\bigcirc$ |
| " | Rhinebeck | 11/2/08 | (1) |
| " | Wallkill | 7/24/08 | $\bigcirc$ |
| NC | Greensboro | 8/9/08 | (1) |
| " | Raleigh | 8/30/08 | - (1) ${ }^{(1) 4}$ |
| OH | Berea | 11/9/08 | (1) [1] |
| " | Canfield | 8/1-2/08 | - (1) |
| " | " | 8/1-2/08 | (1) |
| " | Mason* | 10/11/08 | (1) |


| ON | Brockville | 8/15/08 | (3) |
| :---: | :---: | :---: | :---: |
| " | Powassan | $\begin{aligned} & \hline 8 / 18- \\ & 19 / 08 \end{aligned}$ | (3) |
| " | Waterloo | 9/28/08 | (3) |
| PA | Delmont | 9/14/08 | (1) $+\square$ |
| " | Gettysburg | $\begin{aligned} & \hline 9 / 22- \\ & 23 / 08 \end{aligned}$ | ??? |
| " | " | 10/29/08 | (3) |
| " | Harrisburg | 8/9/08 | (1) |
| " | Malvern* | 11/2/08 | (1) |
| " | Philadelphia | $\begin{gathered} \text { By } \\ \text { Apptmt } \end{gathered}$ | $\bigcirc$ |
| " | Shartlesville | 9/29/08 | $\bigcirc$ |
| " | York* | $\begin{aligned} & \hline 11 / 7- \\ & 8 / 08 \end{aligned}$ | $\bigcirc$ |
| " | "* | 11/8/08 | (3) |
| SC | Blythewood | 8/17/08 | (1) |
| SD | Rapid City | 10/18/08 | $\bigcirc$ |
| TX | Argyle* | 11/1/08 | $\bigcirc$ (0) + |
| " | Lubbock | 9/27/08 | (1) |
| WA | Bellingham | 11/8/08 | (3) 4 |
| " | Burien | 10/28/08 | ??? |
| " | Enumclaw | $\begin{aligned} & \hline 8 / 16- \\ & 17 / 08 \end{aligned}$ | (3) |
| " | Olympia | 10/12/08 | - (1) |
| " | " | 11/4/08 | (3) |
| " | Vancouver* | 8/29/08 | (1) |
| " | Woodinville | 9/28/08 | (1) 4 |
| WI | ???* | 9/13/08 | $\bigcirc$ |
| " | La Crosse | 8/3/08 | (1) |
| " | Plymouth | 9/20/08 | (3) |

Thank you to Rod Russell, for permission to use their health clinic listing. You may obtain further information at their site: http://www.cavalierhealth.org/health_clinics.htm


## Brags \& Announcements

Marcia \& Eugene German of Kali Standard Poodles, in Lincroft, NJ, are happy to announce that their 14 month old Standard boy became a Champion on June 21st, shown by Kay Palade-Peiser, at Central Florida Kennel Club, taking Best of Winners and a 5 point major. Lynus is now CH. KALI'S LIL END OF THE LYNE.


Lynus with handler Kay Palade-Peiser earning a Best Of Winners and a 5 point Major

Alchmy Poodle Puppies have started the first half of the year off with a bang.


Ico: Alchmys Magic Indigo Curls owned by Raquel Gonzalez, finished her Rally Excellent Title. She is now working on her RAE. I had the privilege of watching the two during a class and it was like watching ballet. This is the first dog Raquel has trained and she has developed an amazing relationship with Ico. Her OFA are pending


Belle' : Alchmys Magic Lavnder Blubelle owned by Joanne Wilkes, finished her Rally Novice Title with two second places. She is also now a Therapy Dog International. She is working on her Rally Advanced Title. Her OFA just came back Good


Dancer: Alchmys Magic Star Dancer owned by Diana Dickenson, finished her Agility Novice Jumpers Preferred, Novice Hoopers, Novice Fast. They are working on what seems like a gazillion other novice agility titles and a few Open. Her OFA came back Good


Nickel: Alchmys Magic Tin Nick-L
Blues owned by myself, is now an AKC champion shown entirely from the BBE class. She is also now a BIS GRCH. She is working on her Rally Advanced Title. Her OFA are pending.

We are having a puppy Reunion next this month with all 7 puppies. One of the puppy owners is driving from Colorado (to Washington). It will be wonderful to see all 7 puppies together.

Teri Carter's 18 mo mini Benson went to his first agility trial in Fletcher NC and came home with three first place ribbons and 3 Qs. His second weekend trial and he got 3 more firsts to earn two titles (NA, NAJ).


Eleni Stevens of Moonstruck Poodles reports that her white standard girl, Patsy (Sisco \& Eleni's Wishin' You Were Here) and her standard parti boy, Colonel (Sisco's Return to Sender) got their UKC Championships on Memorial Day Weekend.

Silver standard boy, Gianni (Sisco's Man of Style loved by Eleni) got his CGC this month.

Patsy, Gianni, Colonel, Binky (Sisco's Ink-A-Bink A Bottle of Ink - parti standard), Candy (Eleni's Swee'Tart Vanilla Truffle - white miniature), Cinnamon (Eleni's Kit-Sue GoDiva Cinnamon Ganache - red miniature) and Nelson (Eleni's Venti Caramel Frappuccino - cream miniature) all got CERF'd last Thursday and are A-OK.

She says that taking 8 for CERF exams in two days was the most like "work". And, of course, this followed trying to have them all clean and pretty at the same time!

Linda Howard shares some pictures of Ike (GRCH Scheherazade Five Star General) trying herding for the first time. She reports he had a wonderful time herding with his daughter Peggy Sue. It all came natural to him.

Ike's acting career also continues with a TV commercial for Actonel that should be aired in September.



Peggy Sue


## Poodle CHIC Stats <br> By Julie Borst-Reed

Toy Poodles (103 total) Through March 1, 2008
Kennel prefixes with two or more CHIC designates ()

| POCO A POCO | $(27)$ |
| :--- | ---: |
| FOXMORE | $(12)$ |
| ASH'S MYSTICAL | $(6)$ |
| PICKETS |  |
| DREAM | $(5)$ |
| MIKEOWN'S | $(3)$ |
| GRAYCO | $(2)$ |
| KAE-RAE |  |
| MYSTICAL |  |
| ROYAL |  |
| TANTALITE |  |

Miniature Poodles (195 total) Through March 1, 2008 Kennel prefixes with three or more CHIC designates

ASH'S
ROCHAMBEAU
AMITY'S
RANDOM WIND
SUNRAZE
DREAM
KARADALE
DESHLER'S
DESIGNER'S
EAGLEHILL'S
MAESTOSO'S
MYSTICAL
VIP'S
KIYARA

|  |  | ASH'S | (10) |
| :---: | :---: | :---: | :---: |
| SONGBIRD | (4) | RAVENDUNE |  |
| CLAYDON'S | (3) | REFINNE |  |
| DARKOVER |  | VETSET |  |
| JANCO |  | CADBURY | (9) |
| KAMANN |  | FAIR HILL |  |
| SILVERADO |  | FANTASIA |  |
| TIMARI |  | LIBERTY 'S |  |
| WARMING |  | LIDO 'S |  |
|  |  | MARTAUX |  |
| Standard Poodle | (1616 total) | BARBICAN | (8) |
| Through March 1 | 008 | BAY BREEZE |  |
| Kennel prefixes w | five or more | BLACKTIE |  |
| CHIC designates |  | CABERNET'S |  |
|  |  | FRIENDSHIPS |  |
| TIARA | (45) | KIMBER'S |  |
| DAWIN | (34) | LUJAXS |  |
| PINAFORE | (23) | MINARETS |  |
| MAJESSA | (19) | MONTAWENT |  |
| ASCOT | (18) | TIVIN |  |
| GRAPHIC | (17) | BAROQUE | (7) |
| LEMERLE |  | D'GANI |  |
| KAYLEN'S | (16) | ESSENCE |  |
| MAGICSTAR |  | JOIWIND |  |
| DONNCHADA | (15) | LITILANN'S |  |
| BAR-NONE | (14) | NIGHTWIND |  |
| BLUE SKIES |  | PECKERWOOD'S |  |
| DEGANA |  | REBELSTAR |  |
| BEECHWOOD | (12) | SUMMERMIST |  |
| FARLEY'S D |  | TORCHLIGHT |  |
| GREENWYN |  | BELCANTO |  |
| SAFARI'S | (11) | CABARET |  |

(10)

## CARRINGTON'S <br> DENEVILLETTE <br> ENCORE <br> LA MARKA <br> LAKE COVE <br> MARQUIS <br> OSEA <br> RIMSKITTLE <br> ROSEBAR <br> SINTARO <br> STARFLEET'S <br> SUNDANCE <br> APPLEHILL <br> ASMIR <br> AUTUMN HILL <br> AVALON'S <br> AVERINA <br> AVION <br> BRIGHTON <br> CASCADE'S <br> COSMIC <br> GRANDEUR <br> MAENELL <br> NIPUMS <br> PARADIGM <br> PROFILE'S <br> RETNIW'S <br> SHARBELLE <br> SHILOH GARDEN 'S <br> SWAG'S <br> TEANNAS <br> VALTEC <br> ZORCON

## From Zygote to poodle pup AKA: What I did on my summer vacation By Vikki Kauffman

TinTin and my big adventure started 2 years ago looking for the most perfect stud for making a beautiful silver poodle litter. We didn't find 'perfection', but than again, what in this world is perfect?! We did, however, find a wonderful, handsome and accomplished boy named, Nicky, who lives on Staten Island, NY (of all places)! Nicky was not only a show, rally and agility champion, he had also passed all of his health tests (as had TinTin). Bully for Nicky but let's face it, if someone was going to find the hardest method of getting a girl pregnant, well, this would be it! Due to the stress and possible dangers and complications of shipping TinTin to NY for the breeding, I decided to use fresh chilled semen (shaken not stirred) and do an (A)ritificial (I)nsemination. This didn't turn out to be convenient at all, but at least I didn't have to fly Tinny to NY (the female is almost always sent to the male...as not to impede his performance...no, really).

SO! We waited for TinTin to come into season...and waited.... And waited...AND waited. She was a month over due and I was beginning to wonder if she had skipped a cycle (she is a stubborn girl!) The day finally arrived, mid April.

Unlike other mammals, a dog's estrogen level does not indicate a fertile period. Instead there will be a spike in the progesterone level. The other difference between dogs and other mammals is that after conception the progesterone level will remain constant until just before delivery. This also makes it difficult to tell when the girl is pregnant (discussed later). The 'Cool' thing about this is that it allows non-pregnant females to go through a `false heat' and potentially nurse puppies from other pack members.

SO! Every other day, for a week, we drove to a city 30 minutes away to have blood taken and watched the progesterone level rise. We were waiting for a specific number which would tell us that ovulation had occurred. On April 30th, we reached our target number: we were UP and RUNNING! We made the call to the stud's owner to tell her that we would need to have the semen shipped
immediately. She happened to be at a dog show where the collection could be done. Nicky, the studly stud that he is, was competing in obedience (taking first place in both Open and UD giving him the show's combined high in trial!) and had to RUN to be collected! The semen was then taken to the airport and shipped overnight/special delivery to Seattle. I must admit it was a bit odd to receive a box measuring 2'x 2' labeled 'DOG SEMEN' DO NOT FREEZE.
TinTin and I drove to Tacoma for her artificial insemination. The first thing the vet did was to look at the sperm under a microscope. At the collection site, the sperm count was 1 Billion 250 Million ( $4 x$ the minimal number) and motility was $75 \%$ (good). Unfortunately, upon receiving it, the sperm were a bit slooooow, OK....they could have gone out for The Special Olympics!!!! They were barely moving... giving a $10 \%$ motility rate. Knowing that these boys needed to 'wake up' after their long trip, we went ahead with the procedure (counting on the little guys waking up in the warm comfy environment that TinTin would give them). The vet and I decided that the best method at this point (for highest chance of success) was via Surgical Implantation. Surgical Implantation is, well, a surgical procedure where a small incision is made in the abdomen and the sperm injected directly into the uterus. One reason this is superior to Vaginal implantation is that the sperm have basically no traveling to do...As my vet said, "All they have to do is sit on their inner-tubes, drink martinis and BUMP into the eggs." It also gives the vet a chance to look at the uterus and make sure that it is healthy. (BTW, low motility has no bearing on the health of the sperm). The procedure took 25 minutes and we woke up TinTin and home she went. Our next step? WAIT, WAIT, WAIT. We would not be able to confirm pregnancy for 28 days. Because the Progesterone level, in the dog, stays elevated for the length of pregnancy (for around 63 days), there are few ways to determine if conception took place: ultrasound (which can be unreliable), palpation and a test for Relaxin. Relaxin is a hormone produced when the fetus attaches to the uterine wall. It reduces uterine contractions (you'll find out later why this is a factor in this stage of the game), softens the cervix and loosens the pubic symphysis.

So wait we did.... With baited breath!
To be continued......

## THE LONG JOURNEY FROM ZYGOTE TO POODLE PUP- part 2

Ovulation 30th
Insemination 2nd
Pregnancy test 28th.

I could hardly wait for the 28 days to pass. There aren't a lot of outward signs during this time period, and I couldn't tell if TinTin's personality changes were due to recovery from surgery or pregnancy! I decided to take the first three days after her surgery off from work. I wanted to keep an eye on her; make sure that she didn't try to take out her stitches, and wanted to make sure that she was calm and unstressed. There is always a chance that the newly pregnant girls will reabsorb the eggs...didn't want that to happen! I have to say, it was an indulgent three days. I took this as a total excuse to stay in bed with her, eat bonbons and read.

## Week one:

After fertilization, the two cell embryos remain in the oviduct. They will only double in size this week (split to 4 cells). At this point the embryos are fairly resistant to external interference in their development. During this the stage, there is a hormone change which increases uterine contractions. The poor girl begins to have $2-3$ very weak ones per hour over this time period. Tin has morning sickness, becomes more needy and more hungry.

## Week two:

The embryos will be 4 cells at the start of the week and 64 cells by the end of the week! They will begin to migrate from the fallopian tubes into the uterus by day 12-14 and will move freely between the two uterine horns. (dogs have essentially two uteruses which are joined at one point leading to the birth canal)


There are mild uterine contractions to facilitate the distribution of the free flowing embryos to different locations on the uterus. As the embryos attach to the uterus, the contractions reduce in frequency ( $<1$ per hour). The mom may still have morning sickness and increased neediness.

## Week three:

With the decreased uterine contractions the embryos will become implanted by day 19. The fetuses grow from 5-10 mm and are completely separate little units lined up and
attached to the uterine wall. These 'vesicles' are now visible via Ultrasound.

## Week four:

The fetuses are beginning to develop eyes and spinal cords and their faces begin to 'take shape.' The Fetus grows this week to between $14-15 \mathrm{~mm}$. Organogeniesis begins: this means that the embryo is at its most susceptible to defects. Between days 26 and 32 the puppies can be palpated and fetal heart beats can be visible on Ultrasound! We can diagnose pregnancy now! At this point the body begins to produce the Relaxin (described earlier): we no longer want any uterine contractions since the fetuses are attached to the uterine wall. Mom's mammary glands begin to develop. Mom is entering her second trimester!


## Week 5:

Things are starting to change ALL OVER. The puppy is beginning to look like a DOG! It is developing whisker buds, toes and claws. The Gender can be determined (with x-ray) and the eyes (previously OPEN!) now close. The fetus grows from $\sim 10$ to 30 mm . This also marks the end of organogenesis: the Embryo is fairly resistant to interference in its development. Outward changes in the mom are finally beginning to show: Her tummy swelling becomes noticeable with a 'loss of tuck-up' and her weight begins to increase (along with appetite!!.

## Week 6

Puppies begin to develop skin pigmentation! The fetal heart beats might be audible with a stethoscope.

TinTin day 40


## Week 7

Calcification of the fetal bones is taking place. This makes it possible to visualize the fetal skeletons by x-ray.
Because of this, it is now possible to get an idea of how many puppies there might be. Due to the nature of the uterine horns, definitive numbers are not possible. The uterine horns are now folded up on themselves creating a 'jumble' of puppies.


TINTIN: Days 43 and 44
This has been an incredible journey for TinTin and I. Our relationship has been growing in leaps and bounds. We lay next to each other at night and she lets me put my hand on her belly. I feel the babies twisting and turning. I can't help but think that I am already forming a bond with these little beings as they adjust to each level of life... I am also amazed and thankful for the completely comfortable and trusting bond that my three girls have. With TinTin 56 days pregnant (bursting at the seams!) she still lays with the other two; all heads resting on each others' necks, bellies and legs draped across backs.. A virtual poodle pile. I feel that I have been given special permission to intrude upon a richly private yet communal phenomenon.


TinTin, Corsa and Eureka!

From day 45 to 50 TinTin continued to grow grow grow. I continued to collect all the paraphernalia necessary to insure a safe and comfortable delivery for TinTin: everything from Dopamine for reviving stunned newborns to dental floss to tie the umbilical cords. The whelping room took shape in function and fashion, as it became the nicest room in the house! French doors out to the deck and a modified whelping box that looks like a 'throne.' One of the interesting things to me is that upon introduction to the 'box,' TinTin wildly wagged her tail, jumped in and nested. She seemed to have a very clear idea what it is for.


Day 53 we were finally ready to X-ray and find out how many puppies are in that growing belly. The result for preliminary count was 6 . The X-ray isn't just for satisfying curiosity (although it certainly helps that!) but also gives valuable information for the delivery. Having an idea of number we will know to assist TinTin in the event that she 'runs out of steam' during labor. In other words, should she develop 'uterine inertia' after 3 puppies, we will know that there should be more coming and give her assistance. Without a true puppy count we might assume that she is 'done' and the remaining pups might not make it. The Xray also allowed us to measure skull vs. pelvic girth and insure that the pups are not going to have difficulty passing into the world. The last thing it does, is allow a radiologist to scrutinize the structure of each pup and determine that they are normal... which they were.

From day 50 to delivery, TinTin will be sleeping in her whelping box. This allowed her to become familiar with her new 'home.' As much as I would love the pups to be delivered on my king sized bed, errr.... It just isn't practical...LOL!! So, off to the whelping room we all go...yes... all of us. TinTin sleeps in her box and the two girls and I sleep on a pad on the floor next to her. Is this necessary? Probably not. But how else can I reach over in
the middle of the night and feel the gentle turning of a puppy?

And so we wait!!! 7 days to go. I can not even imagine, with the rate of expanding going on, that TinTin will make it another 7 days! Each day new developments happen. Her mammary glands are developing and her belly is stretching tighter and tighter. She continues to chase balls (in moderation) and chase squirrels (only in the back yard) but she is now grunting each time she has to scratch an ear or nibble a mosquito off of her bum.

We will know when she is getting ready to go into labor mainly through behavioral changes. She will stop eating (OK!!! I HAVE TO SAY... TINTIN stop
EATING?!?!?!?), start nesting and she should become anxious. Her temperature will begin to drop and we will then know that labor will begin within 24 hours. Until then!! We will continue to sleep in the most luxurious room in the house and enjoy each others company.


We are now on day FIFTY SIX! Final destiny is SIXY THREE! Stay tuned for the conclusion of..... From Zygote to Poodle Pup!


## Summertime tips <br> Traveling with your pet by car and air Reprinted with permission from The doctors at the Long Beach Animal Hospital WWW.LBAH.COM

This is the time of year when people plan on bringing their pet with them on car trips and airline flights. This can make your vacation more fun, or it can make it less rewarding. This depends on how well your pet travels and a little preparation on your pet.

Some pets go on car rides with their owner on a routine basis and will have no problem on an extended ride. Some pets though are conditioned to the fact that a car ride usually means the groomer, with an occasional trip to their doctor. These pets tend not to do well on a long car ride. Try to get them used to the car in small segments for a few weeks prior to any long trip. Minimize food and water prior to prevent vomiting, and take them to a place they look forward to. This might help them overcome any anxiety.

Make sure your cat is accustom to the carrier it will be in. Purchase a seat belt harness for your dog and do not let it sit in an airbag equipped passenger seat. Take frequent breaks for water, exercise, and bathroom. Of course never leave your pet alone in a car in the summer due to the potential for overheating.

Airplane flights can be a different story for some pets. Most pets do not travel on air- planes routinely so it is hard to predict their behavior. Always check with the airline prior to your flight to determine their exact policy regarding pets on their flights. Federal regulations require your pet to be at least 8 weeks old before flying.

Get to the airport early and exercise your pet before personally loading it into the crate if your pet is traveling in the cargo hold. Make sure your crate is approved and in good shape because your pet might try to escape. Let your pet have access to this travel crate for at least several weeks prior to your flight. Feed your pet the night before the flight and just give water during the day of the flight until you are at your final destination. If your pet has a medical problem check with your veterinarian on a feeding schedule.

Any time you travel you should have a picture of your pet, ID and your contact number on its collar, proof of all vaccines, and a health certificate from your veterinarian. Ask your veterinarian if tranquilizer might be indicated for anxiety and to prevent vomiting. It should be given before you even leave the house to go to the airport. When you get to the airport give additional tranquilizer only if necessary and according to your veterinarians directions.

Good luck and enjoy your trip!


## Initializing the Clicker Mary Woodward Greenwood Dog Training School <br> www.clickerlessons.com

This first step is essential - don't skip it! With this method we are going to be "shaping behaviors." You need a way to signal to the dog that he is performing whatever behavior
it is that you were trying to get. Initially he will also get a treat for each correct response but since that takes a few seconds (at least) to happen, the clicker marks the exact moment of response, essentially bridging" the time between response \& reward. This is classical conditioning, like Pavlov \& his drooling dogs. You are going to take a clicker \& pair it with a food reward until the click itself gets the dog all happy.

So.. get yourself some clickers - little toy-like devices that make a fun click sound. If you prefer (or while you are waiting for your clicker to arrive), choose a "bridge word" instead. I suggest "Yes!!" - it is short \& happy! Say it briskly, in a rather high pitched \& very excited voice. I will be using the term C\&T in the lessons, meaning to click \& give a treat. If you are using a bridge word, just say it \& give a treat whenever I have written C\&T. I do recommend the clicker over just the word most of the time, however. It seems to be processed more quickly by the dog's brain and the consistency of the click sound is also good.

And don't worry - you won't be clicking forever... they are only used in the training phase of any new behavior!

Okay, go in a quiet room with your dog \& have a bowl of really tasty treats. Food such as hot dogs, chicken, roast beef, etc. works really well, so do high quality (all natural) dog treats such as the Oinker Roll or Natural Balance. The treats should be cut up into very small pieces \& be soft (crunchy ones take too long to eat). Or have a large chunk that you break small pieces off of.

Now, as long as your dog isn't doing anything naughty at the moment, click your clicker (or say your bridge word) and give him a treat. Then click it again \& again give a treat. We are NOT asking for a behavior (such as sit) here at all... just making the connection needed for the clicker to be effective. (A few dogs are frightened by the click sound. If your dog is, then try muffling the sound by having the clicker behind your back or in a pocket, or by using a Snapple beverage top; pushing in the raised button in the center makes a softer click. The fear shouldn't last long! )

Repeat 5-10 times. You'll know when you can stop - you'll click \& your dog will immediately look up at you, "There is that sound, so where is my treat?".

AN IMPORTANT NOTE! To really succeed with this method of training, it is essential that the bridge, whether it be a clicker or a word, ALWAYS be followed by a terrific reinforcement. It is usually referred to as "click and treat" for a reason. That is one danger of using the bridge word.... I found that I said "Yes" to my dog at times when I wasn't necessarily training \& didn't follow through with a treat (or something equally rewarding for her).

## Attention

Mary Woodward Greenwood Dog Training School www.clickerlessons.com

Okay, folks! Now that you have your dog conditioned to the clicker (or bridge word) you are ready for the next step.

Again, go to a room without a whole lot of distraction, one where your dog already finds you more than usually interesting (the kitchen is usually best!). Have your bowl of tasty treats ready.

Say your dog's name ONCE in an upbeat, happy voice. When he turns to look at you, C\&T. Then let him get a bit distracted by something and do it again. And again! You are looking for: he hears his name, and turns to look at you (okay at this point if he is just looking at your hand)! Many dogs will also come closer to you which is fine but not required.

If when you first say his name he doesn't look, then reach forward \& gently touch him on the side or something so he turns around. Even if he doesn't look right at you, C\&T. He'll soon get the idea!

At first, hold the treats in your hand behind your back, but then progress to having them sitting on the counter. Looking at the bowl of treats gets him nowhere... he needs to turn to look at you! If he keeps looking at the bowl, be patient... he will eventually turn to look at you.

Here are the next few steps. Take it slowly - but when he is consistently doing a step correctly then you can move on to the next!
Once he is consistently responding to the sound of his name, you want to start shaping the behavior so he is actually giving you eye contact. For many dogs, this is accomplished by warming up by practicing as you have been, then saying his name again but NOT clicking if he looks anywhere except your eyes. If he has been looking at, say, your hands, he'll likely try that again (since it has worked so well so far!', but be patient and wait. You are hoping that he will get frustrated, give up, and look up at you as if you say, "What??" As soon as he does, making eye contact, you C\&T and praise! From now on, when practicing attention in a quiet area, your dog has to give actual eye contact to receive a $\mathrm{C} \& \mathrm{~T}$ from you.



Sugar Bear looks up at Joey's face - C\&T!

When your dog is quite reliably responding to you at this point (I hope you are remembering to say his name only ONCE) then you need to start being variable with how often you $\mathrm{C} \& \mathrm{~T}$ a response. By doing this you can shape your dog's responses to be even better as well as decrease the risk that he will become food dependent. There are two ways in which his response can improve - how quickly he looks up at you, and how long he holds the eye contact. Shape each one separately! Say you decide to go for a quick response first. From then on, only C\&T if he turns right away when you say his name. If he takes too long, you can just ignore that or perhaps smile, but it earns no C\&T. You might want to have better than usual treats for this, since he will need to work a little harder in order to figure out what exactly it is you want now. When you decide to work on length of eye contact, stop C\&T'ing the instant he looks at you, instead holding out a bit. Increase the required time in little increments, say for a count of 2 at first. If he's still looking deeply into your eyes - C\&T and give a jackpot! If he turns away too soon, ignore him for a moment. Then try again.

At this point your dog is ready to learn to respond even around distractions. To start this, have him sit in front of you. Say his name and C\&T for a response. Then, while he is still focused on you, have another person approach from the side. Your dog will likely turn \& look at her. She (your friend) should immediately turn away, ceasing to show any interest. You say his name and C\&T a correct response. If he doesn't respond, then just wait a bit. It might take a minute or two but your dog will eventually lose interest in this now-boring visitor \& look at you again. The instant he does, you C\&T, giving a jackpot reward! Then your friend should approach again \& repeat the above. You will find that very quickly your dog can hardly be bothered with the visitor. After all... YOU are far far more interesting! If your dog really has trouble with this, then he may not be ready for this step yet. Your friend can work to being able to pet your dog.

Notice that there are two ways in which you are making this exercise more difficult for your dog: length of eye contact required before you C\&T AND responding in
spite of a distraction. Initially, be sure to work on only ONE of those at a time. When working on length, do it without distractions. When introducing distractions, don't require any length of time, instead C\&T'ing a quick look. In fact, when a dog responds at all in the face of a very strong distraction (such as another dog coming over to play), I would C\&T as soon as he turned toward you, not even waiting for him to look up at your eyes. What a good boy for paying attention to you at all instead of playing! Work on all of the pieces separately like this, then you will be able to put them all together. This concept applies to every exercise you will teach your pet!

Please keep all of these training sessions SHORT \& FUN. Stop when your dog is still enjoying the training!

From that point you can use it whenever, wherever... You are outside \& he sees another dog you'd rather he didn't? If you practiced this faithfully you should be able to say his name \& have him instantly turn to look at you instead of the other $\operatorname{dog}$ !

Whenever you get a "breakthrough" or an exceptional performance like that, be sure to give a jackpot reward! That could be a really delicious treat or 5-6 bits of treats, given one at a time to lengthen the time spent getting it. After the initial teaching, the reward doesn't have to be food. It is far better to vary the reward: sometimes food, sometimes a ball tossed, sometimes a belly rub, sometimes the door opened so he can go outside. Discover what things you dog is the most excited by! Dogs certainly vary with that - my older dog Bear loves human attention \& ear rubs, while my younger Rottie, Teddy, was never happy unless her reward was food. She was a natural born piggie! Use your imagination \& be unpredictable!

Have fun!
Thank you for permission to reprint the preceding two articles from:
Mary Woodward \& Susan Greenholt Greenwood Dog Training School Wilmington, DE
*using positive methods to teach people how to teach their pets!
www.clickerlessons.com www.greenwooddogs.com


## When I'm Gone, Who'll Feed Marnie? By Susan Dearholt



Under the law, our poodles and other pets are considered personal property. So, unless you provide otherwise, when you die, your poodle(s) will be treated that same as your furniture and appliances. Since they are property, you cannot leave them money to care for themselves. Until recently, you could will someone money to care for your pets, but there was nothing to assure they would actually care for them as you intended. They could (and do) drop them off at the shelter and spend the money on themselves.

Many states have now adopted laws to allow the creation of Pet Trusts to care for pets after your death, or in event of disability. If you already have an estate plan, this can be a simple addition; if you do not have an estate plan, you should! You don't have to have a lot of money to benefit from an estate plan; just a desire to decide where your "stuff" goes, rather than let the State decide for you!

A Pet Trust is a legal document that arranges for the care of your pet for its lifetime. You set aside funds, name a trustee who handles the money and name a caregiver who cares for the pet. When the pet passes, the remaining funds go to whomever you designated. If not needed elsewhere, this is a great way to make your final donation to your favorite charity.

To set up a Pet Trust you should contact an attorney who is experienced with local probate and trusts. State laws differ and not all states have adopted Pet Trusts, but even if you live in a state that hasn't, there are options. Before your appointment, do some homework so you are prepared.

Decide who will be your trustee and an alternative in case they can't serve. This is the person in charge of the money; the person who pays the caregiver. Write down their name and address.

Choose a caregiver(s) and successors; also in case they can't serve. This can be an organization or business as well as individuals. Write down their name and address.

Choose the beneficiary; the person(s) or
organization that receives any money left over when your pet is gone. Write down their name and address.

Permanently identify your pets to prevent fraud; microchip or tattoo. Gather registration records and clear photos.

Specifically identify the care they are to receive. You need to be clear if you want other than routine care. What kind of home do you want them to live in? What do
you want them fed? When should they go to the vet? How much medical treatment? What vets should they see? What kind of exercise?

Plan for your pet's death; leave instructions as to what type of burial.

Calculate how much money is needed to fund the trust. What does it cost to care for them now? If it's $\$ 2,000$ per year and they are currently 5 with a lifeexpectancy of 14 , you would need a minimum of $\$ 18,000$. Since care costs can certainly escalate as they age, you would want to adjust for that. You will also want to allow for administration of the trust. Make a note to ask the attorney what is customary for your area.

Trusts can be created at the time of your death or while you are still alive, in case you are unable to care for your pet. Make a note to ask about the advantages and disadvantages of this option if it's available in your state.

Consult your tax advisor about possible
consequences of this type of trust in your state.
There are many good websites if you'd like to investigate further.
http://www.pettrustlawyer.com/index.php
http://www.trustformypet.com/
http://www.aspca.org/site/PageServer?pagename=donate
planned pettrustprimer
http://estateplanningforpets.org/faq7.htm
http://trusts4pets.com/
http://fund.org/news/pet trusts july2007.html http://trusts-estates.lawyers.com/estate-planning/PetTrusts.html

You can also search Pet Trust and your state's name for local information.

This article is not intended to be legal advice. Again, state laws differ so please contact an attorney to assist you in setting up your trust. Feel free to ask them during the initial contact what this service will cost. If you don't know an attorney in your area, contact your state Bar Association as most have a referral system by specialization. Once accomplished, you can have poodley peace of mind. ©


## Genetics Of Coat Color In Dogs May Help Explain Human Stress And Weight

The study, published in the Nov. 2 issue of Science, answers a longtime mystery: What determines coat color in dogs? While researchers have known since the 1900s that most mammals share the same genetic mechanism to determine coat color, by the 1950 s they began to suspect that dogs were different.

Now after swabbing the inner cheeks of hundreds of dogs and analyzing the DNA in the resulting samples, a team led by genetics professor Greg Barsh, MD, PhD, has nailed the gene. To the researchers' surprise, the gene makes a protein that's part of a large and variable family called defensins, thought to fight infections.

What is clear now is that this protein engages the melanocortin pathway, a circuit of molecular interactions that controls the type of melanin and amount of cortisol produced by the body. Barsh's lab has studied this pathway, which determines skin and hair color as well as stress adaptation and weight regulation, for 15 years.

The discovery of a new participant in this pathway opens up new vistas for drug research, said the article's co-first author, Sophie Candille, PhD , a former graduate student in Barsh's lab. Candille visited five Bay Area dog shows over six months to gather hundreds of samples by gently swabbing the inside of the dogs' cheeks with a brush. "It's painless for the dogs, so they didn't mind," she said. "The dogs we met at dog shows were very well-behaved and happy to cooperate." Candille also gathered samples from one of Barsh's dogs as well as dogs of her friends and neighbors. And she recruited dog breeders to gather samples and mail them in.

The project began a few years ago with boxers and Large Munsterlanders of different colors. Candille identified a region of the genome that differed between them. Then she moved on to 36 other breeds, ranging from Large Munsterlanders to miniature schnauzers.
"Looking within one breed rapidly identifies the general region, but looking at different breeds allows you to home in on the gene that's responsible," Barsh said.
Candille's work narrowed the genome region to a gene that makes a beta-defensin protein, previously believed to play a role in fighting infection (hence the name). One version of the beta-defensin gene produces yellow dogs, a mutant version of the gene produces black. Co-first author Chris Kaelin, PhD , went on to prove it. When he inserted the dog gene in transgenic mice, their fur grew out black.

Though you wouldn't guess it looking at an Irish setter, all coat colors are modifications of black and yellow. "A Dalmatian looks white with black spots but based on its genetics it's black. Dogs that are chocolate - like one of my dogs, a chocolate poodle - are also a modification of black," said Barsh. However his other dog, an apricot poodle, is genetically yellow, as are Irish setters. But the finding's relevance extends far beyond fur color. The beta-defensin gene is a member of the unusually large and variable defensin family of genes. A human can have between 40 and 50 different defensin genes; dogs can have up to 46 .

Though researchers had assumed the defensin proteins were microbe fighters, Barsh isn't so sure.
"The most important observation that stems from the paper is that in trying to understand what defensins really do, we've been looking under a lamppost based on the way in which the gene family was named," said Barsh. "In fact, we really have very little evidence that defensins do much in terms of defending. The genetic approach is more agnostic, and suggests that defensins have additional or alternative functions outside the immune system." Barsh said one of his lab's immediate plans is to learn more about what human defensins do. "The members of this family of molecules are very different from each other. So there's potential that they can play a lot of roles," said Kaelin.

A longer-term application is to discover whether defensins will serve as templates for drugs.
"If you think about personalized medicine and individualized treatments based on genome sequence, the very first step is asking how differences in our gene sequences affect our phenotype," said Barsh. "As there are very few genes that show this much variation, this work suggests one place we should be looking."

Other collaborators were former graduate student Julie Kerns, PhD, who verified that typical mammalian coat color genetics were not operative in dogs; mouse geneticist Bruce Cattanach, PhD, who also breeds boxers and helped recruit many samples; Sheila Schmutz, PhD, a dog geneticist at the University of Saskatchewan and a Large Munsterlander breeder; Glenn Millhauser, PhD , a protein chemist at University of California-Santa Cruz; and Matthew Nix, Darren Thompson, and Bin Yu, graduate students in Millhauser's lab.

The research was funded by grants from the National Institutes of Health.

Stanford University Medical Center (2007, October 31). Genetics Of Coat Color In Dogs May Help Explain Human Stress And Weight. ScienceDaily. Retrieved July 23, 2008, from
http://www.sciencedaily.com/releases/2007/10/071030133907.htm


## Internal Disease Symptoms

With the recent Menu Foods scare it might be a good time to review some of the symptoms pets show when they are ill with an internal disease. In some cases these symptoms are subtle and require careful observation on your part. Also, when a pet has multiple (and busy) owners it is easy to overlook the early signs of disease in pets.

Some symptoms of internal disease are obvious, the primary ones being lack of appetite and persistent vomiting or diarrhea, along with lethargy and a strong odor. Lets look at some of the more subtle symptoms that might indicate an internal problem.

A pet that does not eat its food as vigorously as it once did could indicate a problem anywhere from the mouth, to the brain, to the internal organs. Panting more than usual, even during the cooler time of the year, could indicate an internal hormone problem called Cushings disease or even discomfort or pain from arthritis or an internal organ problem.

Laying around more often, or gravitating towards warm areas could indicate another hormone problem involving the thyroid gland. Any eye or nose discharge that is persistent, and drains from only one side could indicate a number of problems. Subtle behavior changes that include a lack of recognition when your pet greets you, changes in sleep patterns, circling around a table in your house, staring into space, or wandering into a wall could indicate anything from an old age problem to a problem with a brain tumor or central nervous system infection.

A pet that drinks or urinates more than its usual amount is a potential symptom of many different problems. The same holds true if your pet experiences the opposite and drinks or urinates less. A significant change in the color of your pets stool, usually much darker or much lighter, is also a potential sign of many different problems.

One of the best ways to watch for any of these symptoms is to measure or monitor your pets drinking and eating habits. Use your calendar and mark your parameters down periodically. You can even weigh your pet monthly and write things down each time you weigh your pet. Any change that becomes apparent is an indication for a physical exam by a veterinarian.

Yearly Wellness exams that include a physical exam along with a fecal check for parasites and a routine blood panel go a long way towards identifying problems before they become well entrenched and difficult to treat. This is particularly true for our geriatric pets that commonly become ill but do not show any outward or apparent signs. Our Geriatric will give you detailed information about the common diseases of older pets.

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## PRESENTI NG



## HERDING

Clinic \& Capability Test


Sanctioned by the American Herding Breed Association

## aAll Proceeds go toward Health Research $\curvearrowleft$

## Sunday

September 7, 2008
Judge: Chris Soderstrom
Location: Fido’s Farm, Olympia, Wa
Entries limited to 25 dogs. Trial closes when limit reached. Poodles will be given preference for entry until August 24, 2008. Clinic attendance is unlimited and registration will extend to day of test.

Entry Fees: $\$ 35.00$ for clinic $\$ 40.00$ per dog for HCT (level I or II)

## PoRosettes given for all Qualifying Legsas

For more information contact:: Vikki Kauffman


## Hickory, NC 28602

(828) 322-1335 or (800) 509-2444

## DIRECTIONS:

From East: l-40 exit 126, turn left at light. Stay in right lane. Second light turn right onto Hwy 70. Stay in left lane. Turn left at next light. Show site on right.
From West: I-40, exit 125 Turn right at light. Get in left lane, turn left at light. Show site on right.
Show Chair - Breed: Janice Bennett
topknot@peoplepc.com
Show Chair - Obedience: Sally Eller
sallyeeller@gmail.com

