



FELV & FIV IN BAY AREA FERAL CATS

CHARLENE EDINBORO, DVM, PHD

Dr. Edinboro has an eclectic background in veterinary medicine, epidemiology and aerospace engineering. She is employed at a multi-disciplinary consulting firm where she uses all three disciplines. She is also an affiliate of the *Maddie's Shelter Medicine Program* at the University of Florida College of Veterinary Medicine. Dr. Edinboro is the Section Editor for Study Design and Epidemiology for JAAHA and also reviews papers for other journals. Currently, she represents small animal medicine as a member of the AVMA's Committee on Environmental Issues.

Dr. Edinboro obtained her DVM at UC Davis and her PhD in Comparative Epidemiology at Purdue. She also holds BS and MS degrees in Aeronautical and Astronautical Engineering from Purdue. Before and after completing her veterinary education, she worked as a systems engineer at aerospace companies in the Silicon Valley and at the Jet Propulsion Laboratory.



Election of Officers

The PVMA Officers for 2013 will be elected at this meeting.

Be there to cast your vote!

See President's column on Page 9 for more details about the election.

www.PeninsulaVMA.com

Tuesday November 13, 2012

The November meeting will be held at **The Vans Restaurant** in Belmont which is located at **815 Belmont Avenue**, west off El Camino Real, up the hill. There is parking adjacent and also across the street to the west. 6:30pm for adult beverages, 7:00pm for dinner and program

PVMA members free; \$60 for non-members; \$25 for Life Members

Epidemiology Corner

Charlene Edinboro, DVM, PhD

Remember that the rabies vaccination exemption process for San Mateo County animals has changed. Two forms from San Mateo County Public Health are to be completed by you and the owner, and medical records must accompany the request. Approved requests will be reported to the state veterinarian. Here is the link to the forms with an FAQ sheet: <http://smchealth.org/sites/default/files/docs/PHS/Form%20-%20Rabies%20Vacc%20Exemption%20Packet.pdf>.

There is rabies in California, so vaccination is important: [Northern California man dies from rabies](http://latimesblogs.latimes.com/lanow/2012/09/record-number-rabid-bats.html) and <http://latimesblogs.latimes.com/lanow/2012/09/record-number-rabid-bats.html>.

A survey of feline chronic renal disease is underway at Tufts: <http://veterinarynews.dvm360.com/dvm/article/articleDetail.jsp?id=788454>

It seems obvious that diseases don't just go from animals to humans: <http://blog.sfgate.com/hottopics/2012/10/08/scientists-say-dogs-cats-catch-flu-from-humans/#.UHOH65mhK0g.email>.

Did you participate in UF's dog breed identification survey? Here are the results: <http://sheltermedicine.vetmed.ufl.edu/library/research-studies/current-studies/dog-breeds/dna-results/>.

Got questions? Here are some helpful resources: https://www.avma.org/KB/Resources/Reference/Pages/Important-Resources-for-Veterinarians.aspx?utm_source=smartbrief&utm_medium=email. This site has a lot of parasite info: <http://www.petsandparasites.org/>.

Just for fun: <http://www.mnn.com/family/pets/stories/the-truth-about-cat-people-and-dog-people>, <http://www.wickedlocal.com/nantucket/opinions/x764809880/FRANK-TALK-Meet-the-two-legged-cat#axzz25iJRYRcZ>, and <http://www.dailymail.co.uk/news/article-2195039/Is-pet-right-left-handed-The-test-uses-cheese-sofas-backdoor-out.html>.

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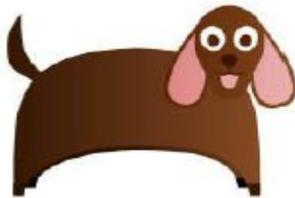
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We welcome submission of
brief articles, news items or
suggestions for topics.

All submissions must be received by
the 25th of the month
preceding publication

WEST NILE VIRUS IN SAN MATEO COUNTY

By early September, public health officials had declared this year's outbreak of WNV was shaping up to be the worst since the flavivirus was first detected in the U.S. more than a decade ago. Thousands of WN cases and scores of deaths had been reported to the CDC which said 48 states had identified infections in people, birds, horses or mosquitoes. According to a *San Mateo County Mosquito & Vector Control District* report, the incidence of WNV in California is primarily found in the greater Central Valley. However, thru September 39 counties have detected WNV activity, many of them along the coast. For the first time this year, WNV human cases were reported in San Francisco and Kings Counties. In San Mateo county this year, four birds tested "acute positive" and 12 birds and three squirrels tested "chronic positive" for WNV which indicates long-standing, low-level infections here in our county. Statewide, there were 1,376 dead birds, 2,417 mosquito pools, 20 horses, 11 squirrels and 389 sentinel chickens found positive for WNV.

The county District asks residents to report dead birds or tree squirrels to the state WNV hotline at 877-WNV-BIRD (968-2473). Reports may also be made at <http://westnile.ca.gov>. Specimens should be less than 24 hours old for testing.



Culex tarsalis mosquito
Primary vector for WNV



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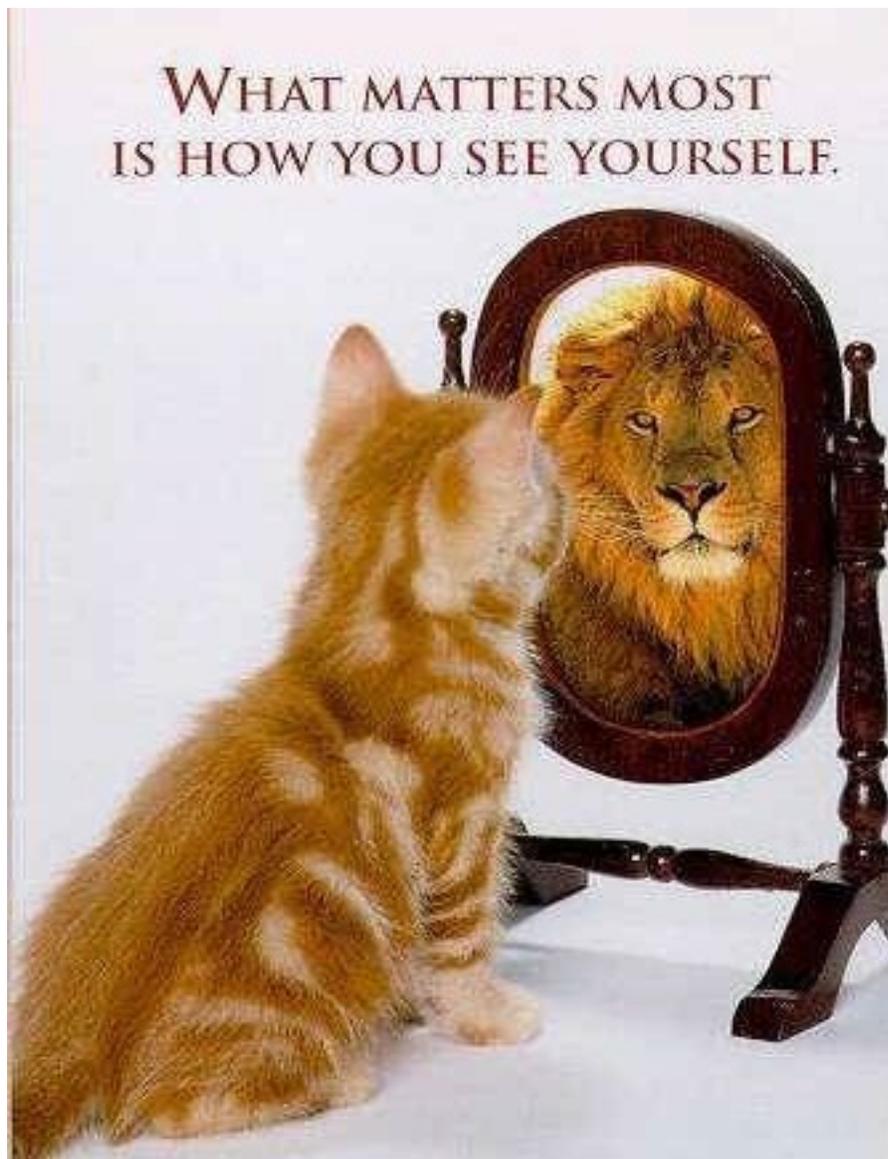
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THE FELINE HEART DISEASE STUDY

Hypertrophic cardiomyopathy (HCM) is the most common type of heart disease in cats. Thromboembolisms are frequent complications of HCM. In a study currently under way, funded by Morris Animal Foundation, researchers at U-C Davis are studying cats with an inherited genetic defect that leads to HCM. Preliminary data suggest that cats with HCM have significant platelet activation which may be a strong contributor to clotting problems. Researchers have also determined that cats with HCM have an increased level of a particular plasma protein. It is hoped that this protein can be used as a biomarker to detect cats that are at risk before they develop clinical disease.

Researchers are now determining whether cats with HCM have increased numbers of microvesicles in their blood which may cause the blood to clot more readily. Perhaps, measuring microvesicle levels could help veterinarians diagnose HCM. Researchers are finishing the final phase of this study, the results of which will lead to new testing methods that are hoped to improve diagnosis, treatments and long-term care of cats with HCM.



PRESIDENT'S PAGE . . .

Nominations for officers of the Peninsula VMA will be accepted and voted upon at the November general membership meeting. The officers to be elected are President, Vice President and Treasurer. The Executive Board consists of the elected officers, the CVMA House of Delegates Representative and the Alternate Delegate. Nominations for all these positions will be accepted from the floor at the up-coming meeting.

Current nominations include Dr. Gwen Lynch for Vice President and Dr. Dani Weber (incumbent) for Treasurer. Appointed nominations (with approval by the membership) include the Newsletter Editor, Program Chairman, Photographer and three Rabies Committee members. I am pleased to report that Dr. Nancy Lerner will be continuing as our Newsletter Editor and that Dr. Charlene Edinboro, Dr. Don Conkling and Dr. Frank Merrill will continue as the PVMA Rabies Committee for another year. Dr. Richard Haars is enjoying being our photographer and I would like to continue as Program Chairman.

I have been proud to be an officer of the Peninsula Veterinary Medical Association. These past two years have been interesting and we have accomplished much. We have produced promotional cards to hand out to new veterinarians on the Peninsula, a new members packet, put the newsletter on the website, created a Standard Operating Procedure Manual, made some financial decisions to save on expenses and remain fiscally sound, arranged and conducted accredited continuing education events for the membership and at one meeting also included veterinary technicians, and we have very nearly completed the updating, enhanced functionality and professional appearance of our website, soon to be introduced.

I have other obligations in my life and will not be serving another year as an elected PVMA officer. I will continue to support the new president as I know that all of you will as well. Thank you for your help over these past two years.

. . . . Dr. Cristine Mincheff

In Memorium

Colleague and PVMA Life Member *Dr. Donald Griffin* (MI '77) passed away suddenly on October 20th. He was the owner of Spruce Avenue Pet Hospital in South San Francisco for many years. A memorial service has been held. All of us at PVMA join to send our deep sympathy to his family.