



Newsletter of the Wildlife Disease Association



Members' Corner

New Incoming Editor for the Journal of Wildlife Diseases

Ed Addison

It is usual for the Wildlife Disease Association to have overlapping editors for a period of about 9-16 months, a period during which the current editors [Drs. Dave Stallknecht and Buffy Howerth] are completing the editorial process of their last few issues and when the incoming editor will begin receiving manuscripts into the editorial process in preparation for their first issue of the *Journal of Wildlife Diseases*. There will be announcements as to when that transition will begin and it is likely to be during January 2009.

Dr. Jim Mills will be the next editor of the *Journal of Wildlife Diseases*. Jim is from Virginia and received his undergraduate biology degree from Virginia Polytechnic Institute and State University. Jim spent a

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number of years with the U.S. Navy, some as a helicopter pilot. In 1985, Jim received his Ph.D. in ecology from the University of California, Davis and San Diego State University. It is indicative of the breadth of Jim's experiences that his doctoral studies as an ecologist were on plant-herbivore dynamics following fire in a specific southern California habitat. During and following his doctoral studies, Jim continued as a consultant to and had contracts

with the U.S. Navy.

From 1987 to 1991, Jim was at Johns Hopkins University finishing as a Research Associate in the Department of Immunology and Infectious Diseases.

During 1991, Jim moved to being a Senior Research Associate, National Academy of Sciences, National Research Council, in the Virology Division of the U.S. Army Medical Research Institute of Infectious Diseases in Fort Detrick, Frederick, Maryland.

In 1994, Jim began his career as a disease ecologist with the Centers for Disease Control and Prevention [CDC] in Atlanta, Georgia, where he is currently Chief, Medical Ecology Unit, Special Pathogens Branch, Division of Viral and Rickettsial Diseases.

Throughout much of his career Jim has been an associate faculty or has had adjunct positions with a number of universities. This has allowed Jim to supervise graduate students and advise and mentor others. To date, Jim has authored more than 125 papers, often on ecological factors influencing occurrence of zoonotic diseases of viral origin. Jim's contributions have been acknowledged in numerous ways including being a recipient of the Department of Health and Human Services Secretary's Award for Distinguished Service in 1996 for work with the CDC Ebola Hemorrhagic Fever Epidemic Response Team in Zaire and again in 2000 for distinguished service to the Malaysia and Singapore Nipah Virus Epidemic Investigation Team. He also received the Ecological Society of Americas Sustainability Science Award for 2007, in recognition of multidisciplinary, collaborative studies of hantavirus host ecology.

Jim has prior editorial experience as a reviewer for more than 25 journals and as editor for special publication series in *Emerging Infectious Diseases* and *Vector-Borne and Zoonotic Diseases*.

We are delighted to have Jim Mills as the next editor of the *Journal of Wildlife Diseases*.

2008 Annual Conference of the Wildlife Disease Association

Ed Addison & Margo Pybus

The 57th Annual International Conference of the Wildlife Disease Association [WDA] held in conjunction with the American Association of Wildlife Veterinarians [AAWV] and the Canadian Association of Zoo and Wildlife Veterinarians [CAZWV] occurred August 3-8, 2008 at the University of Alberta, Edmonton, Canada. The meeting was co-hosted by the University and the Fish and Wildlife Division of Alberta Sustainable Resource Development. The exceptional local organizing committee of Margo Pybus [Chair], Bill Samuel, Al Shostak, Mark Ball and Heather Fenton had regional support from Northwest Territories [Brett Elkin], British Columbia [Helen Schwantje, Elena Garde], and Yukon [Michelle Oakley].

The 266 participants made the 57th conference the second-best attended conference in our history when not meeting jointly with larger societies. There were 101 oral presentations and 38 poster presentations, of which 24 oral presentations and 18 poster presentations were given by students. As at many past conferences, the 57th was greatly enhanced by the AAWV-sponsored Cutting Edge Speaker, on this occasion Dr. Susan Haseltine of the U.S. Geological Survey, speaking about "Climate change: trends, scenarios, and impacts on wildlife populations and disease dynamics". The Carlton M. Herman Founder's Fund also sponsored a guest lecture, an excellent thought-provoking address by Dr. Mark Hafner of Louisiana State University. Dr. Hafner spoke about "Disease, wildlife research, and the public's perception of risk" with an emphasis on acknowledging the manner in which concerns of disease may be reducing opportunities to train field biolo-

gists and limiting opportunities to glean valuable field information for managing wildlife disease.

Very special attendees at this year's conference included Drs. Robert and Virginia Rausch. Robert Rausch was one of the founding members of WDA and it was indeed a delight to have the opportunity for us all to continue to benefit from his extensive knowledge and generosity, particularly in regards to expanding opportunities for students in WDA. The Rauschs' even donated their banquet tickets (they had to leave before the banquet) and insisted that the tickets be used by students.



Bison watching picnic participants

Mid-week, the local organizers had us out on field trips in Elk Island National Park about one hour east of Edmonton. Activities included guided and self-guided hikes, immersion in the world of water bugs (a tour led by John Acorn, The Nature Nut, and amazingly no one ended up physically 'immersed' in the lake!), and tours of bison and elk handling facilities in the Park. I

suspect that for many of us the highlight was the opportunity to see

wood bison and plains bison roaming freely within the Park, including on the roads, in the ditches, and in the fields and forests; or perhaps it was the old bull bison bedded down no more than 20-30 meters from the tent and picnic tables set up for our fine field picnic supper, complete with music by a local bluegrass band. The bison seemed just as interested in us as we were in him. He remained on site watching us for a long time after our arrival.

Terry Kreeger added a distinct western flair as auctioneer of our annual auction. A hearty thanks to all those who contributed items, efforts, and purchases to help us raise some \$12,000 for the WDA Student Activities Fund, more than twice the amount usually raised. An additional \$1000 raised at the auction was ear-marked to support activities of the AAWV.

WDA News

Recipients of the WDA student awards for 2008 included: Valerie O'Brien of the University of Tulsa, who received the WDA Graduate Student Research Recognition Award; Nicole Gottdenker of the University of Georgia, the WDA Scholarship; Paul Oesterle of Colorado State University, Best Student Poster Award; Laura Meadows of the University of Wyoming, Best Student Poster, Honorable Mention; Carlos Das Neves, of The Norwegian School of Veterinary Medicine, Terry Amundson Best Student Presentation Award; and Amy Dechen of the State University of New York Syracuse, Terry Amundson Best Student Presentation Award, Honorable Mention.



Bill and Donette Samuel enjoying the banquet prior to accepting the WDA Emeritus Award



Terry Creekmore awards Gary Wobeser with the Tom Thorn and Beth Williams Memorial Award

Bill Samuel, who recently retired from the University of Alberta, was the recipient of the WDA Emeritus Award. The Distinguished Service Award, the highest award of the WDA, was presented to Ted Leighton of the University of Saskatchewan. The Duck Award, presented to those with foibles and who seem to be able to laugh at themselves was well-earned by Ed Addison. The WDA and AAWV presented the Tom Thorne and Beth Williams Memorial Award sculpture of two black-footed ferrets to Gary Wobeser of the University of Saskatchewan for his outstanding and lengthy career contributions to improved wildlife management through his work on wildlife health and disease.

Thank you to the local organizing committee and all participants for such a stimulating and enjoyable annual conference!

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Wildlife Disease Association

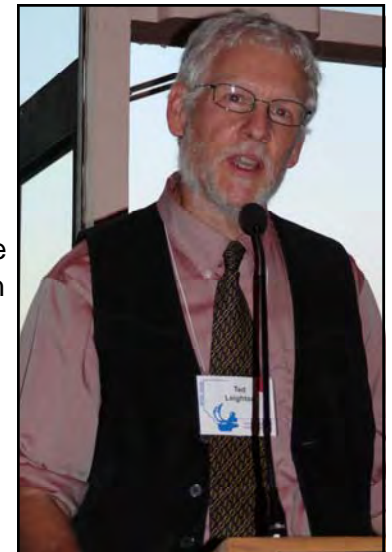
2008 WDA Award Recipients

Thorne & Williams
Memorial Award -
Gary Wobeser

Distinguished Service
Award - Ted Leighton

Emeritus Member
Award - Bill Samuel

Duck Award -
Ed Addison



Ted Leighton accepts the Distinguished Service Award



WDA Council Members celebrate at the banquet

WDA Students

2008 Student Award Recipients

Research Recognition Award - Valerie O'Brien - University of Tulsa

Student Scholarship - Nicole Gottdenker - University of Georgia

Terry Amundson Student Presentation Award - Carlos das Neves - Norwegian School of Veterinary Science

Terry Amundson Student Presentation Honorable Mention - Amy Dechen – State University of New York Syracuse

Student Poster Award - Paul Oesterle - Colorado State University

Student Poster Honorable Mention - Laura Meadows - University of Wyoming



Student award winners Valerie O'Brien, Nicole Gottdenker, Laura Meadows, and Carlos das Neves

Create a Student Chapter of the WDA

Student Chapters of the WDA aim at:

Educating students interested in wildlife health and disease about the profession, career opportunities, job qualifications and education, and externships, volunteer, and research opportunities.



Paul Oesterle accepts his award from WDA President Charles van Riper

Enhancing the skills of students interested in wildlife health and disease through lectures, workshops, conferences, and field trips.

Connecting students interested in wildlife health and disease to mentors in WDA through the faculty advisor and guest lecturers.

Student Chapters are run by student officers, including a president and a vice-president, and if filled, a secretary and a treasurer, under the supervision of a faculty advisor.

Become a WDA Student Ambassador

Leslie Reperant

We have created a special power point slide show to introduce wildlife health students to the WDA. This presentation includes information on how to start a WDA student chapter. Become a WDA student ambassador by presenting the power point slide show to students at your University and actively take part in the promotion of the Wildlife Disease Association!

Visit our website at <http://www.wildlifedisease.org> or please contact Leslie Reperant, WDA Student Representative on Council, with any questions or ideas at reperant@princeton.edu.



National Wildlife Health Center's Quarterly Wildlife Mortality Report

<http://www.nwhc.usgs.gov>

Salt Toxicosis Results in bird mortality at White Lake, North Dakota (ND)

Birds with excessive salt encrusted on their feathers were discovered by USFWS personnel at White Lake in Mountrail County, North Dakota in late June. Affected birds were alert and moving their wings, but were unable to fly. Mortality was estimated at 110 birds with Mallards, Gadwall, Eared Grebes, Ruddy Ducks, Franklin's Gulls, Green-winged and Blue-winged Teal, Northern Shovelers, American Wigeons, and American Coots affected. Shorebirds in the area did not appear to be impacted. White Lake is a large, alkaline lake with a former salt mine nearby. Euthanized and freshly dead birds had brain sodium levels between 1370-1700 ppm, wet weight. Salt acts as a preservative against carcass decomposition so older mortalities (possibly >1-year-old) have been observed at this lake. In 1985, a die-off occurred at this same location after cold temperatures made fresh water from other lakes unavailable (Windingstad et al. 1987). Salt toxicosis also has occurred during summer months in hypersaline lakes where birds were affected in less than 5 hours of entering the water (Stolley and Meteyer 2004).

Stolley, D.S. and C.U. Meteyer. 2004. Peracute sodium toxicity in free-ranging Black-bellied whistling ducks. *Journal of Wildlife Diseases* 40:571-574.

Windingstad, R.M., F. X. Kartch, R.K. Stroud, and M. R. Smith. 1987. Salt toxicosis in waterfowl in North Dakota. *Journal of Wildlife Diseases* 23:443-446.

Ranavirus returns to Washington County (RI)

Between mid May and mid June, Wood Frog tadpoles, Marbled Salamander larvae and Spotted Salamander larvae were found sick and dead in some Washington County ponds monitored by the University of Rhode Island's Department of Natural Resource Science. It is estimated that 80,000 amphibians have died, including nearly all of the 2008 cohort. Sick animals were lethargic and had hemorrhagic lesions in the ventral skin. Subsequent virus isolation of the skin, liver and kidney determined that these amphibians died from a *Ranavirus* sp. This virus has been the primary cause of several amphibian mortality events in various ponds through out the County since 2001.

Avian Cholera outbreak at Rush Lake WMA (IA)

During the first week of April, Iowa DNR personnel found dead and sick waterfowl of various species at a Palo Alto County Wildlife Management Area. The sick birds had weak necks; thick, mucoid discharge matted around their eyes; and mucus draining from their nares. Over the following six weeks, the IA DNR collected over 200 ducks and geese of 17 different species, including Greater White-fronted Geese, Northern Pintail, Mallards and Snow Geese. *Pasteurella multocida* was cultured from specimens submitted to NWHC indicating that avian cholera was the cause of this mortality event.

Mortality events in waterfowl attributed to avian cholera are more commonly reported in the winter months when flocks are stressed from seasonal migration and reduced food resources.

News from the Field

Trematodiasis at the Upper Mississippi River National Wildlife & Fish Refuge (WI & MN)

Migrating waterfowl have been found sick and dead on the Mississippi River's Pools 7 and 8 again during spring 2008. US Fish & Wildlife personnel collected 1312 birds and estimated there were 2210 – 2580 dead with American Coots and Lesser Scaup comprising 99% of the mortalities. Infections by the trematodes *Cyathocotyle bushiensis* and *Sphaeridiotrema globulus* were identified in chilled carcasses submitted to NWHC. These parasites are found in the lower intestines of infected birds and cause severe blood loss, electrolyte imbalance, and penetrating damage to the intestinal wall leading to death. An estimated 32,000 migrating waterfowl at the refuge have died as a result of trematodiasis since 2002.

Unusual behaviors reported in summering bats from the northeastern US (NY, VT, NH, CT, MA)

Increased numbers of calls to public health departments from citizens are being reported this summer in the northeastern US. Bats are being observed persisting in the open during daylight hours, increased numbers of live pups are falling to the ground at maternity roosts, and there have been 2 reports of pup abandonment. Anecdotal reports from several areas indicate a reduction in colony size compared to previous summers. State Rabies Labs of NY and CT report decreased numbers of *Myotis lucifugus* submissions, the species with the highest winter mortality estimates during the peak of White Nose Syndrome (WNS), compared to previous summers. Summer bat surveys are assessing individuals for wing lesions thought to be a sequela of bat white-nose syndrome. The NWHC is requesting fresh, intact bats found dead on the landscape from any state where mortality rates within a well-defined area and time period exceed the expected background mortality. In addition, individual bats with wing membrane lesions are being sought for examination. Contact your local state wildlife agency to report unusual mortality events and to arrange for submission.

Cormorant mortality detected in multiple counties throughout MN

Several die-offs involving young Double-crested Cormorants are being investigated in 4 Minnesota counties that are estimated to have started the first week of July 2008. MN DNR biologists reported initial losses of 200 and 300 birds at rookeries in 2 lakes in southern MN (Meeker and Faribault counties). Another estimated 200 birds were displaying clinical signs of neck weakness, incoordination, inability to right self, partial limb paralysis, and tremors. Approximately 90 % of the hatch year cohort appears affected. Other bird species displaying signs of illness at a much lower numbers include American White Pelicans and several gull species. Additional reports from northern MN (St. Louis and Lake of the Woods counties) have found only dead birds at a lower proportion than that observed at the southern locations. Preliminary diagnostics thus far suggest avian paramyxovirus-1 in the Meeker and St. Louis locations. Additional tests are pending to rule out other disease agents such as botulinum toxin and West Nile virus. Increased cormorant mortality on the Canadian side of the Great Lakes region of Lakes Huron, Erie, and Ontario has been reported by Canadian Cooperative Wildlife Health Center (www.ccwhc.ca).

Request for Wildlife Mortality and Morbidity Event Reporting (All States)

The Quarterly Wildlife Mortality Report, published in the Wildlife Disease Association's newsletter, is intended to inform wildlife professionals of wildlife events of interest to them. The authors kindly request that investigation reports of recent die-offs of mammals, birds, amphibians, and reptiles be submitted for inclusion in the publication and on the related website (http://www.nwhc.usgs.gov/mortality_events/ongoing.jsp). Credit will be given to appropriate diagnostic laboratories.

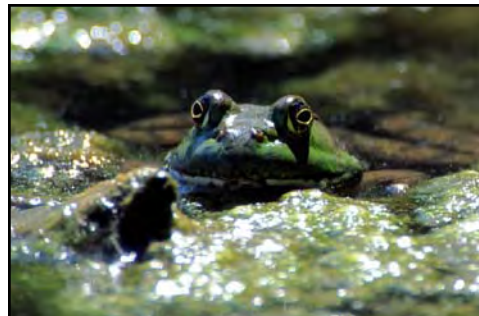
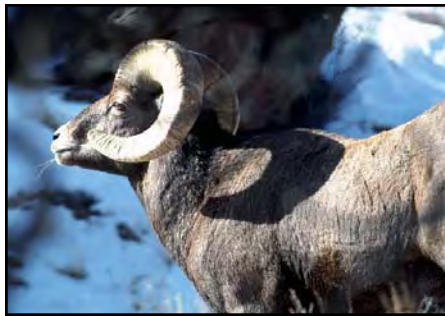
News from the Field

Quarterly Wildlife Mortality Report April 2008 to June 2008

State	Location	Dates	Species	Mortality	Diagnosis	Labsites
AK	Nenana	05/10/08-05/12/08	Domestic Chicken Unidentified Avian	11(e)	Bacterial infection suspect	NVL
AR	Hot Springs Village	04/20/08-06/07/08	Carolina Chickadee Eastern Tufted Titmouse Eastern Bluebird	240	Parasitism: Simuliidae	NW
AZ	Biltmore Lake	06/01/08-ongoing	Mallard Unidentified Goose NOS Passerine Canada Goose	70(e)	Botulism type C	NW
AZ	Maricopa	05/01/08-ongoing	Muscovy Duck Mallard	30(e)	Botulism suspect	NW
CA	Santa Cruz	06/18/08-ongoing	California Red-legged Frog	8	Open	NW
CA	Fresno	06/16/08-06/20/08	Western Canada Goose	50(e)	Undetermined	CHF
CA	Lancaster	04/06/08-04/30/08	Mourning Dove	60(e)	Trichomoniasis suspect	LAV
CA	Natomas Basin Conservancy Preserve	04/04/08-04/09/08	Greater White-fronted Goose	50(e)	Avian cholera	UCD
CO	Curecanti National Recreation Area	04/15/08-04/24/08	Common Merganser Common Goldeneye	34(e)	Parasitism: acanthocephaliasis	NW
FL	Brandon	05/02/08-05/14/08	Muscovy Duck	21	Duck plague suspect	SCW
FL	Islamorada	06/09/08-06/29/08	Eurasian Collared Dove	33	Salmonellosis suspect	NON
FL	Sanford	06/12/08-06/26/08	Mallard	11	Botulism suspect	FL, NW
FL	St. Marks NWR	04/04/08-04/11/08	Common Loon Red Breasted Merganser	100(e)	Undetermined	NON
FL	Tampa	05/06/08-05/19/08	Muscovy Duck	18	Duck plague suspect	FL
FL	Venice	03/28/08-04/18/08	Eastern Brown Pelican	10	Emaciation Mycoplasma	FL, NW
GA	Jeff Davis	04/01/08-05/01/08	Eastern Tufted Titmouse Red-winged Blackbird Northern Cardinal American Robin	30(e)	Salmonellosis suspect	NON
IA	Rush Lake WMA	04/07/08-05/12/08	American Coot Mallard Greater White-fronted Goose Wood Duck Lesser Snow Goose Ring-necked Duck Gadwall Northern Pintail Redhead Pied-billed Grebe Lesser Scaup Greater Scaup Blue-winged Teal Ruddy Duck Green-winged Teal	224	Avian cholera	N

News from the Field

State	Location	Dates	Species	Mortality	Diagnosis	Labsites
			Canada Goose			
			American Wigeon			
ME	Milford	05/01/08-06/01/08	Spotted Salamander	4,500(e)	NOS Fungal Infection	NW
MT	Jefferson	01/01/08-04/01/08	Bighorn Sheep	220(e)	Pneumonia	MT
MT	Ennis Lake	04/26/08-05/18/08	Eared Grebe	39	Parasitism	NW
MT	Ennis Lake	06/19/08-06/26/08	Audubon's (Yellow-rumped) Warbler	19	Salmonellosis	NW
			Cassin's Finch			
			Unidentified Swallow			
			Unidentified Bluebird			
			Western Tanager			
MT	Rattlesnake Lake	03/15/08-05/23/08	Nothorn Shoveler	105	Parasitism:	NW
			Gadwall		Sphaeriodiotrema globulus	
			Northern Pintail			
			Mallard			
			Green-winged Teal			
			Redhead			
			American Wigeon			
			Lesser Scaup			
			Eared Grebe			
MT	Yellowstone	04/24/08-04/24/08	Red-winged Blackbird	20(e)	Trauma	NW
			Yellow-headed Blackbird			
			Brewer's Blackbird			
			Brown-headed Cowbird			
NC	Chowan	12/07/07-12/12/07	Common Grackle	10(e)	Undetermined	SCW
ND	Lake Nettie NWR	05/21/08-07/07/08	Ring-billed Gull	50	Pneumonia	NW
ND	Mclean	04/01/08-05/02/08	Pine Siskin	12(e)	Salmonellosis	NW
ND	White Lake	06/20/08-ongoing	Mallard	110(e)	Salt toxicosis	NW
			Gadwall			
			Eared Grebe			
			Ruddy Duck			
			Franklin's Gull			
			Unidentified Teal			
			Northern Shoveler			
			American Wigeon			
			American Coot			



Photos by Bruce Gill

News from the Field

State	Location	Dates	Species	Mortality	Diagnosis	Labsites
NE	Keith	05/26/08-ongoing	House Sparrow	22(e)	Viral Infection suspect	NW
NH	Hollis	05/30/08-06/07/08	Barn Swallow	7	Emaciation: starvation suspect	NW
NH	Sargents Purchase	05/04/08-ongoing	Little Brown Bat	10(e)	Open	NW
NV	Clark	05/13/08-05/29/08	Eared Grebe	15(e)	Undetermined	NW
NY	East Hampton	05/16/08-05/16/08	Herring Gull	30(e)	Emaciation	NW, NY
			Great Black-backed Gull		Pulmonary edema	
			Northern Gannet			
OR	Mt. Hood National Forest	05/04/08-05/14/08	Pacific Treefrog	24	Open	NW
			Rough-skinned Newt			
			Oregon Spotted Frog			
OR	Crook	03/26/08-06/08/08	Golden Eagle	11(e)	Toxicosis: Famphur suspect	NW
			Red-tailed Hawk			
PR	Culebrones	03/15/08-03/15/08	Sooty Moustached Bat	20(e)	Emaciation	NW
RI	Wakefield	05/18/08-06/05/08	Spotted Salamander	81,000(e)	Ranavirus	NW
			Marbled Salamander			
			Wood Frog			
SC	Poinsett State Park	05/17/08-05/24/08	NOS Frog	200(e)	Open	UNK
TN	Black Bayou Refuge	01/20/08-01/26/08	Lesser Snow Goose	50(e)	Avian cholera	SCW
VA	Max Meadows	02/15/08-02/25/08	Mallard	39	Toxicosis: carbamate compound	SCW
			Canada Goose			
			Red-winged Blackbird			
WA	Potholes Reservoir	03/22/08-03/30/08	California Gull	140	Renal failure	NW
			Ring-billed Gull			
WA	Little Pend Oreille NWR NW	05/07/08-05/15/08	Painted Turtle	27	Undetermined	
WI	Manitowoc	06/10/08-06/27/08	Muscovy Duck	28	Duck plague	WVL
WI	Upper Mississippi River NWR	04/02/08-05/02/08	American Coot	2,580(e)	Parasitism: Cyathocotyle bushiensis	
			Lesser Scaup		Parasitism: Sphaeridiotrema globulus	
			Ruddy Duck		Lead Poisoning	
			Ring-necked Duck			
			Bufflehead			
WY	Casper	06/10/08-06/20/08	Pine Siskin	11	Salmonellosis	NW

Update:

AK	Prince William Sound	03/15/08-04/01/2008	Bald Eagle	6	Toxicosis: pentobarbital	NW
CA	Shasta	02/12/08-05/20/2008	Skunk	108	Canine distemper	UCD
			NOS Fox			
			Gray Fox			
			Raccoon			
DE	Sussex	01/14/08-01/28/08	Common Grackle	200(e)	Undetermined	NW
MN	Sturgeon Lake	02/27/08-04/01/08	Rock Dove	40(e)	Nephrosis	NW
					Emaciation	
WA	Moses Lake	03/20/08-03/24/08	Ring-billed Gull	50(e)	Open	NW

(e) = estimate; "suspect"=Diagnosis not finalized, but field signs and historic patterns indicate the disease.

CAHFS-Fresno (CHF), Florida Fish & Game (FL), Los Angeles Veterinary Public Health (LAV), Montana Fish, Wildlife and Parks Diagnostic Lab (MT), No diagnostics pursued (NON), National Veterinary Services Laboratory, Ames IA (NVL), USGS National Wildlife Health Center (NW), New York State, DEC, Division of Fish, Wildlife & Marine Sources (NY), Other (OT), Southeastern Cooperative Wildlife Disease Study (SCW), University of California-Davis (UCD), Unknown (UNK), Wisconsin Veterinary Diagnostic Laboratory (WVL).

News from the Field

Written and compiled by: Nathan Ramsay, Anne Ballmann - Eastern US, Krysten Schuler – Western US, and Rachel Guy - Technician
To report mortality or receive information about this report, please contact the USGS National Wildlife Health Center, 6006 Schroeder Road, Madison, WI 53711

Eastern United States

Anne Ballmann
Wildlife Disease Specialist
Phone: (608) 270-2445
FAX: (608) 270-2415
Email: aballmann@usgs.gov

Western United States

Krysten Schuler
Wildlife Disease Ecologist
Phone: (608) 270-2447
FAX: (608) 270-2415
Email: kschuler@usgs.gov

Hawaiian Islands

Thierry Work
Wildlife Disease Ecologist
PO Box 50167
300 Ala Moana Blvd. Rm 8-132
Honolulu, HI 96850
Phone: (808) 792-9520
FAX: (808) 792-9596
Email: thierry_work@usgs.gov

The Quarterly Wildlife Mortality Report is available at <http://www.nwhc.usgs.gov>

Species:

Avian

American Coot (*Fulica americana*); American Robin (*Turdus migratorus*); American Wigeon (*Anas americana*); Bald Eagle (*Haliaeetus leucocephalus*); Barn Swallow (*Hirundo rustica*); Blue-Winged Teal (*Anas discors*); Brewer's Blackbird (*Euphagus cyanocephalus*); Brown-Headed Cowbird (*Molothrus ater*); Bufflehead (*Bucephala albeola*); California Gull (*Larus californicus*); Canada Goose (*Branta Canadensis*); Carolina Chickadee (*Poecile carolinensis*); Cassin's Finch (*Carpodacus cassinii*); Common Goldeneye (*Bucephala clangula*); Common Grackle (*Quiscalus quiscula*); Common Loon (*Gavia immer*); Common Merganser (*Mergus merganser*); Domestic Chicken; (*Gallus domesticus*); Eared Grebe (*Podiceps nigricollis*); Eastern Bluebird (*Sialia sialis*); Eastern Brown Pelican (*Pelecanus occidentalis*); Eastern Tufted Titmouse (*Baeolophus bicolor*); Eurasian Collared Dove (*Streptopelia decaocto*); Franklin's Gull (*Larus pipixcan*); Gadwall (*Anas strepera*); Golden Eagle (*Aquila Chrysaetos*); Great Black-Backed Gull (*Larus marinus*); Greater Scaup (*Aythya marila*); Greater White-fronted Goose (*Anser albifrons*); Green-winged Teal (*Anas crecca*); Herring Gull (*Larus argentatus*); House Sparrow (*Passer domesticus*); Lesser Scaup (*Aythya affinis*); Lesser Snow Goose (*Chen caerulescens*); Mallard (*Anas platyrhynchos*); Mourning Dove (*Zenaida macroura*); Muscovy Duck (*Cairina moschata*); Northern Cardinal (*Cardinalis cardinalis*); Northern Gannet (*Morus bassanus*); Northern Pintail (*Anas acuta*); Northern Shoveler (*Anas clypeata*); Pied-billed Grebe (*Podilymbus podiceps*); Pine Siskin (*Carduelis pinus*); Red-Breasted Merganser (*Mergus serrator*); Redhead Duck (*Aythya americana*); Red-tailed Hawk (*Buteo jamaicensis*); Red-Winged Blackbird (*Agelaius phoeniceus*); Ring-billed Gull (*Larus delawarensis*); Ring-Necked Duck (*Aythya collaris*); Rock Dove (*Columba livia*); Ruddy Duck (*Oxyura jamaicensis*); Western Canada Goose ?; Western Tanager (*Piranga ludoviciana*); Wood Duck (*Aix sponsa*); Yellow-Headed Blackbird (*Xanthocephalus xanthocephalus*); Yellow-Rumped Warbler (*Dendroica coronata*)

Mammalian

Bighorn Sheep (*Ovis canadensis*); Gray Fox (*Urocyon cinereoargenteus*); Little Brown Bat (*Myotis lucifugus*); Raccoon (*Procyon lotor*); Skunk (*Mephitis*); Sooty Moustached Bat (*Pteronotus quadridens*);

Amphibian

California Red-Legged Frog (*Rana aurora*); Marbled Salamander (*Ambystoma opacum*); Oregon Spotted Frog (*Rana pretiosa*); Pacific Treefrog (*Hyla regilla*); Rough-Skinned Newt (*Taricha granulose*); Spotted Salamander (*Ambystoma maculatum*); Wood Frog (*Rana sylvatica*);

Reptile

Painted Turtle (*Chrysemys picta*).

WDA Section News

News from Europe

Paul Duff

Visit the EWDA website at www.ewda.org and find out about our activities, including conferences, workshops, courses and members' interests. The website is kindly provided free of charge by the UK Central Science Laboratory. Please contact r.delahay@csl.gov.uk if you have any announcements or other material for submission to the site.

Wildlife Related Emerging Diseases and Zoonoses (WiREDZ) The Med-Vet-Net WiREDZ Special Interest Group

<http://www.medvetnet.org/wiredzreg>

Are you working on wildlife disease in the following countries?

Albania, Bulgaria, Cyprus Czech Republic, Estonia, Finland, Greece, Ireland, Latvia, Lithuania, Luxembourg, Malta, Poland, Romania, Slovakia and Slovenia - then please register on the website above, it is very simple.

If you have colleagues in these countries please encourage them to register.

The EU supported Med-Vet-Net has sponsored a Special Interest Group (SIG) in WiREDZ. If you work, even part, time in this field please take 5 minutes to register on the WiREDZ WILDLIST. The web link above will take you to both the WiREDZ web page and also to view the complete WiREDZ WILDLIST. This register is designed to help collaboration, between scientists working on similar species or diseases in wildlife, in every European country.

West Nile Virus surveillance – exotic mosquito vector *Aedes albopictus* in Northern Europe

A warning of the potential for *Aedes albopictus*, a mosquito vector of West Nile Virus, Chikungunya virus and other zoonotic arboviruses, to establish in the UK was published in *Takumi, E-J. et al (2008.) Introduction, establishment and seasonal activity of Aedes albopictus in the Netherlands. Proceedings of 11th European Society of Vector Ecology Conference 2008, Fitzwilliam College, Cambridge.* The

Asian tiger mosquito (*Aedes albopictus*) was detected for the first time in The Netherlands during 2005, probably introduced with importation of Bamboo plants from the Far East. Adults were regularly intercepted during 2006 both within and outside of glasshouses. It was concluded that climate in the Netherlands during 2006 was not a limiting factor for the establishment of *Ae. albopictus*.

Paul Phipps, Rabies and Wildlife Zoonoses Group, VLA Weybridge

European Section

Material for publication in News from Europe can include recent wildlife disease outbreaks and new diseases in Europe, short case and meeting reports; job and scholarship announcements. We encourage electronic submissions, and will help with the English language if required. The deadline for the next issue is 25th October 2008.

Please E-mail, fax or post submissions to, Paul Duff, VLA Diseases of Wildlife Scheme (VLADoWS), VLA Penrith, Merrythought, Calthwaite, PENRITH, Cumbria, CA11 9RR, United Kingdom, *e-mail* p.duff@vla.defra.gsi.gov.uk. Fax ++44(0)-1768-885314 /phone ++44(0)-1768-885295.

WDA Australasia Conference News

Jenny McLelland

This year the WDA- Australasia conference was held in beautiful Kioloa on the New South Wales



The Kioloa Conference Group, WDA Australasia

WDA Section News

South Coast, an hour and a half north east of Canberra. Conference delegates from far and wide gathered at the Australian National University Kioloa Field station for bush walks, beach walks, surfing, whale watching, wig wearing, enjoying Shirley's fabulous food and of course some fabulous talks. The conference was well attended by international



Ed and Rose Addison party in Australia!

guests with Ed Addison and his wife Rose from Canada, Roy Bengis from Kruger, Pradeep Malik from the wildlife Institute of India and Mitsuhiro Asakawa from the School of Veterinary Medicine, Hokkaido, Japan.

Next year's conference is a joint conference with the Wildlife Society of the New Zealand Veterinary Association and will be held in December in the Catlins, in the South Island of New Zealand. December (early summer) is a great time to visit the South Island of New Zealand. The Catlins and surrounds are home to yellow-eyed penguins, royal albatross, NZ fur seals and sea lions and the critically endangered Hector's dolphins just to name a few. Shirley, our fabulous cook has approved the location and will be along to fill our stomachs with her home cooked delights. The Catlins are only 1.5 hours from Dunedin which is a short flight from Christchurch international airport. For more information on the conference, please contact Kerri Morgan on k.j.morgan@massey.ac.nz

I would like to take this opportunity to extend thanks to the outgoing executive. Pam Whitely, Maria Cardosa and Rupert Baker have worked tirelessly for the organization over the last few years and we are

all very appreciative of their efforts. The incoming executive is Chairperson: Jenny McLelland (jen_mclelland@hotmail.com), Secretary/Treasurer: Vere Nicolson (vere_nicolson@dreamworld.com.au), Communications officer: Michael Lynch (mlynch@zoo.org.au). Dave Spratt (dave.spratt@csiro.au) will continue as the executive member and Andrew Peters (redkite@westnet.com.au) will continue as newsletter editor.

We look forward to seeing many of you at next years conference in New Zealand!

Regional Workshops on Reptiles and Amphibians Held in Kenya

Following a successful seminar in Nairobi 2007, the National Museums of Kenya (NMK) hosted three regional workshops, in Meru, Kitale and Kisumu respectively, during June and July 2008.

The main theme of these workshops was "The Care, Health and Welfare of Captive Reptiles" but attention was also paid to in situ and ex situ conservation, with particular reference to the global decline of amphibians.

The workshops started with a morning of lectures on the biology of reptiles and amphibians, law and ethics, captive management, welfare, health and diseases. Each afternoon was devoted to practical work. Participants were shown how to assess captive animals in terms of their legal status, management, welfare and health. They then divided into groups and carried out such appraisals themselves, the results of which were then reported to the whole meeting.

This series of workshops was a unique opportunity to provide both theoretical and practical training to nearly one hundred Kenyans from different walks of life – staff of NMK and other government bodies, university researchers, education officers, biologists, a veterinarian, reptile-keepers and fieldworkers.

WDA Section News

Literature was provided by various organizations, including the British Herpetological Society, the British Chelonia Group, WAZA, the British Veterinary Association, Universities Federation for Animal Welfare (UFAW) and the Royal Society for the Prevention of Cruelty to Animals (RSPCA). Course Notes and publicity material were designed and produced by Miss Sally Dowsett.

Full reports of these workshops are in preparation. Further information is available from the organizers: Mrs Damaris Rotich, National Museums of Kenya, PO Box 40658 Nairobi, Kenya, e-mail: drotich@museums.or.ke or Professor John/Mrs Margaret E Cooper, School of Veterinary Medicine, The University of the West Indies, St Augustine, Trinidad & Tobago, e-mail: NGAGI2@gmail.com.

Assistance for Comunidad Inti Wara Yassi

Peter Coverdale

I am an Australian who has been volunteering in an animal refuge in Bolivia for the last 12 months. The project is called Comunidad Inti Wara Yassi and has been operating for 12 years. This is an organization that has the right to confiscate wild animals illegally taken into the pet trade. It tries to provide a reasonable housing for these animals until they can be released into the wild or to provide an adequate home for those animals not suitable for release. The park has some 400 monkeys (squirrel, spider, night, capuchin and howlers), 4 jaguars, 18 pumas (jungle and mountain subspecies) and many other species of mammals, reptiles and birds. The organization employs 4 vets with one or two students in training.

They DO NOT NEED MONEY (though this would be nice), what they do need is international recognition and support from zoos and similar projects. The vets are all great but lack training in the exotic species of animals that they work with every day. Learning through experience can be difficult. I want to purchase them textbooks on exotic species (large cats, birds, reptiles and mammals). However the problem is that the vets do NOT speak English fluently. I am trying if possible to find these textbooks, their publishers and if possible get Spanish translations. I have no idea how or where to go about looking. Please help!!!

Please also any contacts with respect to looking after these species would be greatly appreciated, protocols for raising big cats, monkeys, release programs, etc..



Feel free to look at CIWY's website at <http://www.intiwarayassi.org/> to find out more for yourself about the aims and objectives of the project. The Bolivian people running the park are very dedicated and would greatly benefit from some international support and advice. International recognition from zoos and similar projects around the world would greatly increase their ability to operate efficiently and independently.

I am looking for similar titles to these books below.

[Exotic Companion Medicine Handbook for Veterinarians](#)

ISBN: 0963699644

[Emergency Procedures for the Small Animal Veterinarian](#)

ISBN: 0702024872

[Biology, Medicine and Surgery of South American Wild Animals](#)

Author(s): Murray E Fowler, Zalmir S Cubas

[BSAVA Manual of Reptiles, 2nd Edition](#)

ISBN: 978-0-905214-75-7

[Environmental Enrichment for Captive Animals](#)

ISBN: 978-0-632-06407-6

[Restraint and Handling of Wild and Domestic Animals, 3rd Edition](#)

ISBN: 978-0-8138-1432-2

[Zoo Animal and Wildlife Immobilization and Anesthesia](#)

ISBN: 978-0-8138-2566-3

[Feline Medicine and Therapeutics, 3rd Edition](#)

ISBN: 978-1-4051-0032-8

[Small Animal Internal Medicine](#)

ISBN: 9780323017244

[Handbook of Primate Husbandry and Welfare](#)

ISBN: 978-1-4051-1158-4

Thank you for your ideas and assistance!

WDA Section News

WDA SECTION CHAIRS

African Section. Vacant

Australasian Section. Pam Whiteley, 1 Brinsley Road, Camberwell, VIC 3124, Australia; Ph: 61-3-98825608; FAX: 61-3-98823054; Email: pwhitele@bigpond.net.au

European Section . Dolores Gavier-Widén; Division of Wildlife Fish and Environment, SVA (National Veterinary Institute), SE 751 89 Uppsala, Sweden; Ph: 46-18-674-215; FAX: 46-18-30-91-62; Email: dolores@sva.se

Nordic Section. Erik Agren, Department of Wildlife, National Veterinary Institute, SE-751 89 Uppsala, SWEDEN, Telephone +46 18 67 40 00 Fax +46 18 30 91 62 or E-mail: Erik.Agren@sva.se.

Wildlife Veterinarian Section. Jonathan Sleeman, Virginia Department of Game and Inland Fisheries, 4010 West Broad Street, Richmond, VA 23230, Tel: (804) 367 9492, Fax: (804) 367 9495. Jonathan.Sleeman@dgif.virginia.gov.

Training and Education

Eko Tracks Course Offering

Werner Dörgeloh

Eko Tracks offers a special interest course designed for students in veterinary medicine where you will meet and interact with wildlife veterinarians in South Africa, hands-on. Learn about the crucial role of veterinarians in the growing wildlife industry by participating in game capture operations, field and lab work. This course focuses on wildlife veterinary science, wildlife diseases and medicine, capture and care of wild animals, breeding of rare species, wildlife rehabilitation, ecosystems and biodiversity conservation. Program highlights are a visit to the Onderstepoort Veterinary School, local community veterinary services and various wildlife rehabilitation centers where orphaned and injured wild animals are treated and cared for. Life in the bush, learning practical bush skills, tracking wildlife on foot and studying wildlife behavior is an experience of a life time. Travel through the spectacular Drakensberg Escarpment while descending to the world famous Kruger National Park and spend a few days in this wildlife wonder of Africa. The highlight for veterinary students is to participate in hands-on game capture few people ever get to experience.

Eko Tracks, your agent in the USA is booking study abroad trips for the 2009 season now. Get a head start at this once in a life time educational experience and read more on www.ekotracks.com.

University of Illinois Residency Opening

Residency Training in Zoo and Wildlife Pathology, Research Associate (1 position). The Zoological Pathology Program/Veterinary Diagnostic Laboratory (VDL) and the Department of Pathobiology at the University of Illinois, College of Veterinary Medicine, in association with Chicago's Brookfield Zoo, Lincoln Park Zoo, and John G. Shedd Aquarium are seeking applications for a training position in Zoo and Wildlife Pathology. The 3-year program is designed to provide training and experience to prepare the resident for a career in zoo, wildlife, avian, or aquatic animal pathology, and eligibility for the certification examination in anatomic pathology of the American College of Veterinary Pathologists (ACVP).

The program provides exposure to an extraordinary array of species from three different zoological institutions and local wildlife agencies as well as training in domestic animal pathology at the VDL. The program also offers the potential for MS or Ph.D. opportunities through the various allied universities. Starting stipend is \$36,000. Applications should be received by November 17, 2008 to receive fullest consideration. Anticipated start date is on or about July 1, 2009. Interested applicants should submit a re-

Training and Education

sume, veterinary college transcripts, letter of career goals, and three letters of reference to: Dr. Karen Terio, Chair, Zoo Resident Search Committee, LUMC Bldg 101 Rm 0745, 2160 S First Ave, Maywood, IL 60153, phone: 708-216-1185, Fax: 708-216-5934, or email: kterio@lumc.edu. The University of Illinois is an AA/EOE.

Amanda Matson, Secretary to the Director
Veterinary Diagnostic Laboratory (VDL)
College of Veterinary Medicine
University of Illinois
2001 South Lincoln Avenue
Urbana, IL 61802
217-333-7259
amatson@illinois.edu

Graduate Training Opportunity – Landscape Epidemiology

We seek a PhD student at the University of Saskatchewan for a research project on the spatial epidemiology of West Nile virus (WNV) in the Canadian prairie provinces (Alberta, Saskatchewan, and Manitoba). This fully funded project is part of a multi-agency collaboration involving academia (University of Saskatchewan and the Université de Montréal), government (Public Health Agency of Canada), and an NGO (Canadian Cooperative Wildlife Health Centre). The student will use GIS and other spatial epidemiology techniques to assess:

- current surveillance methods for identifying high risk areas of WNV;
- environmental drivers of the spatial and temporal occurrence of WNV;
- impacts of climate change on the ecology of a vector-borne disease with a wildlife reservoir, and resulting significance for public health.

The successful candidate will be motivated, capable of independent work, and have an interest in landscape epidemiology (the study of environmental drivers influencing the transmission dynamics of disease agents). A background in GIS and/or epidemiology is not required but would be an asset. Selection of the candidate will be based on academic cri-

teria, relevant interest or experience, referees' evaluations and an interview. Financial support is commensurate with calibre of applicant, ranging from NSERC PGS D to CGS D funding (http://www.nserc.gc.ca/sf_e.asp?nav=sfnave&lbi=2a). Students already in possession of salary support may be eligible for top-up.

Applications will be accepted until October 31st, 2008 or until the position is filled.

Please send cover letter, names of three referees and curriculum vitae to:

Tasha Epp, DVM, PhD
Associate Professor – School of Public Health
Department of Large Animal Clinical Sciences
Western College of Veterinary Medicine
52 Campus Drive
Saskatoon, Saskatchewan, Canada, S7N 5B4
Email: tasha.epp@usask.ca
Phone: +1 306-966-6542 Fax: +1 306-966-7159 or

Emily Jenkins, DVM, PhD
Assistant Professor – School of Public Health
Department of Veterinary Microbiology
University of Saskatchewan
52 Campus Drive
Saskatoon, Saskatchewan, Canada, S7N 5B4
Email: emily.jenkins@usask.ca
Phone: +1 306-966-2569 Fax: +1 306-966-7244

Veterinary Internship in Wildlife & Conservation Medicine

The Department of Environmental and Population Health, Tufts Cummings School of Veterinary Medicine (TCSVM), offers a one year paid internship in Wildlife Medicine at its Wildlife Clinic housed in the Bernice Barbour Wildlife Medicine Building on Tufts' North Grafton, MA campus, pending funding.

The Wildlife Clinic provides diagnostic, surgical, and professional services for diverse wildlife species native to New England. The Clinic serves the six New England states.

The intern will spend the majority of her/his time on clinical service. Duties will include assisting with all aspects of patient care at the Tufts Wildlife Clinic including record-keeping, medical diagnostics, surgery

Training and Education

and necropsy. In these activities, interns will assist clinicians on duty in teaching and supervising of fourth year students on rotation in the Clinic. The intern will have major responsibility for the supervision of the animal health program at the Ecotarium, a small regional zoo. Interns will be expected to be active participants in daily rounds and to participate in ongoing Clinic research programs. Interns will also gain teaching experience by assisting Wildlife Clinic faculty with both core and continuing education courses. Candidates for the internship must possess the DVM, VMD or equivalent degree. Interest or experience in ecology, conservation biology, wildlife management, pathology, toxicology or related disciplines is a plus.

Candidates should be committed to participating in and fostering close teamwork and must be able to demonstrate good communication skills and the ability to work with a wide variety of people.

Tufts University is an affirmative action/equal opportunity employer. Qualified women, minority candidates and individuals with disabilities are encouraged to apply.

Application Procedure: Interested applicants should submit the following (either hard copy or email):

- curriculum vitae
- letter of interest, indicating career goals
- 3 letters of reference

Application date: Review of applications will begin on 13 October 2008 . Selected candidates will be required to travel to Tufts for interviews in November and December, with final selection made before January 12, 2009 . A July 1, 2009 starting date is anticipated.

Applications should be submitted to: Flo Tseng, DVM, Wildlife Clinic, TCSVM, 200 Westboro Rd., N. Grafton , MA 01536, Flo.tseng@tufts.edu

Veterinary Externship- Wildlife Clinic, Tufts Cummings School of Veterinary Medicine

Clinical Experience (to be gained during program): Tufts Wildlife Clinic is a full service wildlife hospital with two staff clinicians, intern, and veterinary technician. Externs work with Tufts students to assume

primary responsibility for case management of sick, injured, and orphaned native wildlife. The Wildlife Clinic admits approximately 1600 cases/year; approximately 60% birds, 25% mammals, 10- 15% reptiles and amphibians. Responsibilities: Patient admissions, diagnostic procedures, medical/surgical procedures, record keeping, necropsies, animal husbandry, emergency on call duty, one grand rounds presentation.

Duration: 2-4 weeks from May-September

Application Requests: Letter of interest, current CV, two letters of recommendation

Application Deadline: Fall of previous year

TB test/ Vaccinations: Current tetanus/rabies vaccinations

Contact: Flo Tseng, DVM, Director, Phone: 508-839-7918, flo.tseng@tufts.edu, FAX: 508-839-7930

Residency in Zoological Medicine University of Wisconsin

This 3-year Residency in Zoological Medicine (start date 7/01/2009) is a collaborative effort between the University of Wisconsin School of Veterinary Medicine (UW- SVM), the Milwaukee County Zoo (MCZ), the International Crane Foundation (ICF) and the Henry Vilas Zoo (HVZ), with participation of the USGS-National Wildlife Health Center (NWHC), the Wisconsin Department of Natural Resources, the Wisconsin Regional Primate Research Center, and the University of Wisconsin Research Animal Resource Center and is approved by the American College of Zoological Medicine (ACZM). Please see the following website for more information:

(http://vmthpub.vetmed.wisc.edu/sa_services/special_species/residency.htm).

The resident is responsible for primary care on all assigned Special Species Health Service (SSHS) clinical cases. The SSHS case load ranges across a variety of exotic and wild species. The VMTH is responsible for the health care program at the International Crane Found-

Training and Education

dition. The resident will spend a minimum of 6 weeks per year at the ICF. The MCZ has a large animal collection of over 360 species and is staffed by 2 full-time veterinarians. The Milwaukee County Zoo is accredited by the Association of Zoos and Aquariums and the veterinarians serve as advisors to the Species Survival Plans for several endangered species. The resident is responsible for the daily primary care of clinical cases at the MCZ and the resident will spend approximately 8 weeks annually at the Henry Vilas Zoo. The Henry Vilas Zoo maintains approximately 700 animals, and averages 300 medical entries per year. The UW- SVM is also responsible for the health care program at the International Crane Foundation, which maintains 15 species of cranes. Barry Hartup, DVM, PhD, the Director of Veterinary Services at ICF, is a faculty member at the UW- SVM and supervises the resident while at ICF. The resident will also be involved in various aspects of the Whooping Crane Reintroduction Program. This residency is primarily focused on captive species in zoological collections, but training in free-ranging wildlife is emphasized through collaborative projects between the DNR and the VMTH and MCZ. Comparative pathology is an important aspect of the resident's training at the UW- SVM and the MCZ. Teaching veterinary students during clinical rotations as well as didactic courses is critical. The resident will be responsible for submitting manuscripts for publication in order to fulfill ACZM credential requirements.

Qualified applicants must hold a DVM degree from an accredited College of Veterinary Medicine or an equivalent degree and a score greater than 70 on the National Board Examination and the Clinical Competency Test. Most applicants have completed a post-graduate internship. Application should be made through the American Association of Veterinary Clinicians Veterinary Intern/Resident Matching Program (VIRMP). Applicants can submit a resume, University transcripts, Veterinary School GPA and class rank, letter of career goals, and three letters of reference to: Dr. Dale Bjorling, Department of Surgical Sciences, School of Veterinary Medicine, 2015 Linden Drive West, University of Wisconsin, Madison Wisconsin, 53706. Application deadline: 12/01/2008

CQSAS Residency Opportunity in Quebec, Canada

This residency is a 3-year (36 months), full time, post-graduate program of 108 credits. A specialized study diploma (D.E.S.) is awarded on completion of the program. The intensive training is concentrated in the field of wildlife health management, including wildlife pathology, wildlife medicine and epidemiology. There is additional training in other selected specialties, in order to meet, as much as possible, the requirements of the American College of Zoological Medicine. The resident will participate in the activities of the *Centre québécois sur la santé des animaux sauvages* of the *Faculté de médecine vétérinaire* (CQSAS). The CQSAS offers veterinary expertise to various governmental and non-governmental agencies involved in wildlife protection in Quebec. The resident is required to complete a research project in the field of wildlife health. Residents are eligible for 3 weeks of holidays per year which will be determined by the consultation committee and the CQSAS supervisor. Any professional activities performed outside the residency program must be declared to the CQSAS supervisor. A master program may be offered after satisfactory completion of the first year.

REQUIREMENTS: The applicants must have a D.V.M. or equivalent degree. Also, they must have recently completed an internship or have equivalent experience. They must obtain a license to practice in Quebec from the *Ordre des Médecins vétérinaires du Québec*. The applicant must have a working knowledge of oral and written French.

DATES: January 1, 2009 to December 31, 2011

APPLICATION: Applicants must send a résumé, a letter of intentions explaining why they are interested by this program, and the name of three professionals that can be contacted for reference. All these documents must be sent before November 1, 2008.

Contact: Stéphane Lair,
450-773-8521 (8667)
Faculté de Médecine vétérinaire
C.P. 5000, 3200 rue Sicotte
Saint-Hyacinthe, QC J2S 7C6 Canada
stephane.lair@umontreal.ca

Training and Education

The Center for Conservation Medicine announces 5 postdoctoral positions in Emerging Infectious Disease Ecology

The Consortium for Conservation Medicine, based at Wildlife Trust in New York City, is ramping up its research program in infectious disease ecology and seeks outstanding candidates for seven positions.

Five Postdoctoral Positions

1. Vector-borne disease modeler to study the dynamics of Chikungunya and other vector-borne diseases. Excellent spatial statistical and modeling skills required.
2. Emerging Disease 'Hotspots' modeler to extend the research recently published in Nature 2008;451: 990-3. Strong statistical, GIS / spatial analysis, and database skills required.
3. Ecologist/Modeler to study the dynamics of viral pathogens (including Nipah virus) in peri-domestic and wild animals in Bangladesh. A strong background

in statistics is required.

4. Ecologist or Veterinarian to run field programs surveying wildlife in Bangladesh and India for our new program on pathogen discovery.
5. Avian Influenza Ecologist/Modeler to study the dynamics and spread of H5N1 avian influenza in China and globally.

Further details can be found at www.conservationmedicine.org. All positions are based in New York and require some international travel. Review of applications will begin October 15th and continue until positions are filled. Candidates should submit a full Curriculum Vitae, names and email address of 2 academic referees, and a cover letter by email to jobs@conservationmedicine.org stating clearly the position of interest and career goals.

The Consortium for Conservation Medicine
460 West 34th Street, 17th Floor, New York, NY.
10001 USA

Employment

Assistant Veterinarian – Laos/Vietnam Wildlife Conservation Society Global Health Programs

The Wildlife Conservation Society (WCS) is dedicated to saving wildlife and wild lands. WCS has field conservation projects around the globe, pioneering education programs, and the largest system of urban wildlife parks in the United States. Together, these activities inspire people to imagine wildlife and humans living together sustainably. WCS believes this work to be essential to the integrity of life on earth.

In 1989, WCS developed its Field Veterinary Program—the first and largest of its kind—in response to the growing recognition of the critical role that animal health plays in both development and conservation. The Field Veterinary Program, now Global Health Programs, seeks an Assistant Veterinarian to coordinate and advise a program of avian influenza surveillance in wild birds, under an initiative funded through the National Institute of Health and National Institute of Allergy and Infectious Diseases. The prime objective of this initiative is the collection of samples from birds

at the wild-domestic interface (including wild birds in trade and free-flying). This position is based in Laos, and will work closely with an existing WCS project focusing on wildlife trade. Additional sampling will take place in Vietnam. The position is expected to evolve as funding is secured to explore the transmission dynamics of a wider range of pathogens within wildlife trade.

The Assistant Veterinarian will be responsible for helping the WCS Regional Veterinarian implement program priorities and approaches; oversee training and biological monitoring efforts; communicate with NGOs, governmental organization and with other institutions; and develop sound funding proposals to broaden the scope of the Program.

Requirements and Qualifications:

Candidates are required to have a Doctorate in Veterinary Medicine (or equivalent) and at least three years of experience working with non-domestic species. Experience working in Southeast Asia and familiarity with wildlife trade issues would be desirable.

Employment

Other qualifications include: willingness to work in complex traditional and diverse cultural settings; willingness to work flexible hours; and ability to adapt approaches to local cultures and project situation while maintaining the high standards of WCS. Foreign languages skills are advantageous.

The principle responsibilities of this position:

To give direct oversight to research assistants on all aspects of field sampling and operations related to the field sampling for AI research and surveillance;

To assist the Regional Field Veterinarian in training field biologists to handle wildlife and collect biological samples;

To assist the Regional Field Veterinarian to develop health monitoring components into existing WCS conservation programs, which will involve collaboration with WCS Global Conservation Programs and other WCS entities

To oversee export of samples, to international laboratories, including adherence to permitting and handling requirements for diagnostic samples.

To provide complete and regular reports as required by funding agencies and sources;

To assist the Regional Field Veterinarian in advising foreign governments on wildlife health and management issues;

To assist the Regional Field Veterinarian in developing new surveillance programs through novel partnerships;

To assist the Regional Field Veterinarian in providing veterinary services to field conservation projects;

To contribute scientific and lay publications regarding wildlife health and conservation as time allows;

To participate in public speaking, public relations work, and fund raising activities;

To contribute to, enlarge, and uphold the Society's policies toward the Equal Employment Opportunities for women, minorities, veterans, the handicapped, and other protected groups.

Please send cover letter and CV with subject "*Laos/Vietnam Asst. Vet*" to Dr. Martin Gilbert, mgilbert@wcs.org, copy to recruitment@wcs.org

Cheyenne Mountain Zoo Head Zoo Veterinarian, Colorado Springs, CO

The Cheyenne Mountain Zoo is seeking a full-time Head Veterinarian. The Colorado Springs area offers a wonderful quality of life and the Zoo offers a flexible and supportive work environment. The zoo houses approximately 750 specimens with over 30 SSP species. The veterinary department consists of the Director of Conservation and Animal Health, a full-time Hospital Manager and full-time Veterinary Technician. This position is a member of the Zoo's Senior Staff and is in charge of the Animal Health Center, staff and the zoo's animal health program. The recently built Animal Health Center is well equipped including a new ambulance vehicle. The Head Veterinarian reports to the Director of Conservation and Animal Health, Della Garelle. There are opportunities to manage or participate in several conservation and field programs.

The qualified candidate will have earned a DVM/VMD degree from an accredited institution and be able to obtain a Colorado license, state accreditation and DEA registration within 6 months of employment. Preference is given to veterinarians with at least 3 years of clinical experience in a zoo setting. Compensation is comparable and commensurate with training and experience of the candidate and includes

an option for on-grounds housing. The Cheyenne Mountain Zoo is a private non-profit institution and is an equal opportunity employer that offers a generous benefits package.

Applicants should submit a letter of intent, a Curriculum Vitae / resume and contact information for three (3) references to Dr. Della Garelle via email at: dgarelle@cmzoo.org

Della Garelle, DVM
Director of Conservation and Animal Health
Cheyenne Mountain Zoo
4250 Cheyenne Mountain Zoo Rd.
Colorado Springs, CO 80906
719.633.9925 x 120 Fax: 719.633.2254

Employment

Research Scientist Ecology - Epidemiology - Dutch Wildlife Health Center

The Dutch Wildlife Health Center (DWHC)'s mission is - in collaboration with other institutions - to increase the knowledge of free-ranging and captive wildlife health and further the use of this knowledge with regard to public health, health of (domestic) animals and nature conservation. In order to realize this mission, the DWHC seeks a research scientist, who will work in an interdisciplinary manner at the interface of ecology and epidemiology of wildlife disease.

The successful candidate is qualified in (medical) biology, veterinary medicine or a related field and has a PhD degree. We seek a researcher with some years of experience in wildlife ecology and health and with specific expertise in methods of epidemiological and statistical analysis or the willingness to acquire the latter within a reasonable time frame. Alternatively, an epidemiologist with knowledge of modeling and affinity for the ecology of wildlife is also qualified for this position.

The DWHC is recently moved to the Department of Pathobiology, Faculty of Veterinary Medicine, University Utrecht, The Netherlands. Salary is according to scale 11 (gross € 3129 - 4284) of the Collective Labour Agreement Dutch Universities and depends on experience. Starting date is as soon as possible. To apply for this position, submit a CV, letter of intent and contact information for 3 references to P&O (M.E.J.Willemse@uu.nl). Please include the vacancy

number: (12873). For further information please contact a.groene@uu.nl

The Center for Conservation Medicine announces 2 positions in Emerging Infectious Disease Ecology

The Consortium for Conservation Medicine, based at Wildlife Trust in New York City, is ramping up its research program in infectious disease ecology.

Two Staff Positions at CCM Headquarters

1) Program Coordinator, who will be a recent graduate (bachelor's or master's level) in the biological sciences. Responsibilities include grants management, operational logistics for research programs, and international meeting coordination. International travel is required.

2) Program Assistant, who will be a bachelor's degree level candidate, to manage office functions in New York. Candidate must have excellent organizational and communication skills.

Further details can be found at www.conservationmedicine.org. All positions are based in New York and require some international travel. Review of applications will begin October 15th and continue until positions are filled. Candidates should submit a full Curriculum Vitae, names and email address of 2 academic referees, and a cover letter by email to jobs@conservationmedicine.org stating clearly the position of interest and career goals. The Consortium for Conservation Medicine 460 West 34th Street, 17th Floor, New York, NY. 10001 USA

Meetings and Conferences

Symposium on the Ecology of Plague and its Effects on Wildlife.

The **Symposium on the Ecology of Plague and its Effects on Wildlife** will be held November 4 - November 6, 2008 in Fort Collins, Colorado, USA at the Hilton Hotel located adjacent to Colorado State University. A symposium will be held to present the latest information on the ecology of plague and its impacts on wildlife. Our mission in sponsoring this

symposium is to increase the ability of scientists and resource managers to understand, evaluate, and mitigate wildlife risks associated with plague. We invite you to join us in this important and timely symposium. For more information on this symposium please go to <http://www.fort.usgs.gov/Plague> or contact Laura Ellison, U. S. Geological Survey, Fort Collins Science Center, 2150 Centre Avenue, Bldg C, Fort Collins, CO 80526-8118, (970) 226-9494, ellisonl@usgs.gov.



2009 Wildlife Disease Association Conference

August 2 – 7th, 2009

Semiahmoo Resort and Spa in Blaine, Washington



SAVE THE DATE!

Mark your calendars now and we will ensure that you experience the best of the Pacific Northwest!

The luxurious, but affordable Semiahmoo Resort and Spa has been reserved for WDA 2009. This beautiful sea-side resort, set at the end of a mile-long sandy spit, is located about half way between Seattle, Washington and Vancouver, British Columbia. It is easily accessible from either international airport. Rooms are reasonably priced, lunches served outside overlooking Mt. Baker will be included with your registration and the picnic will be on the beach. In addition to a full week of wildlife disease continuing education and meeting with colleagues, you'll want to be sure to make time for sunrise and sunset beach walks, wildlife watching from the grounds of the resort, whale watching, kayaking, salmon fishing, and hiking in the North Cascades wilderness.



Watch the WDA website for more information!