

Mark R. Johnson D.V.M
Wildlife Veterinarian, Instructor

RESUME

Employment

11/1988 - Present

Global Wildlife Resources Inc. (GWR) Freeland, Washington
Wildlife veterinarian and CEO of progressive business supporting
wildlife professionals and teaching animal handling of free-
ranging and captive wildlife for over 30 years.

Dr. Mark teaches the most extensive, field-based chemical
immobilization courses in North America. Course participants
include zoo and wildlife professionals, animal control,
veterinarians, college students, and wildlife rehabilitators. This
includes training Maine IFW, Massachusetts DFW, and Michigan
DNR state wildlife agencies.

Dr. Mark also teaches comprehensive courses in humane dog
capture and handling for shelters, spay/neuter programs,
disaster response, Animal Control Officers, and rescue
organizations. Dr. Mark introduced the "Y" pole, a humane tool
for working with fearful canids, to the animal welfare community,
and captive wolf programs.

2008 - present

National Training Academy, USDA Wildlife Services

Instructor for chemical immobilization training courses across
the country.

2021- present

Colville Confederated Tribal Nation

Project Veterinarian for lynx augmentation project. Develop
protocols for lynx capture, drugging, processing, transport, and
release. The project will capture 10 lynx in British Columbia each
year for five years and release them in the Colville Nation.

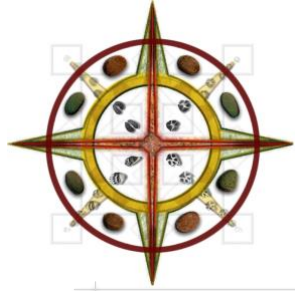
Faculty Positions

1997 - present

University of Montana, Missoula, MT - Affiliate Faculty of
Wildlife Biology, School of Forestry. Annually teaching WILD 472
for wildlife students.

1997 - 2006

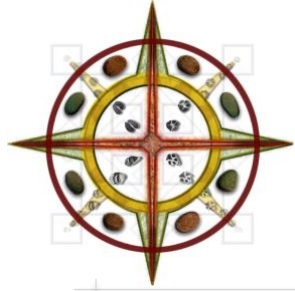
University of Minnesota, St. Paul, MN - Adjunct Assistant
Professor for Dept. of Fisheries and Wildlife. Annually instructed
field techniques courses for wildlife and veterinary students.



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Former Employment

- 2001 **USDA Wildlife Services**
Contracted to write first training manual for USDA Wildlife Services titled: Field Operations Manual for the Use of Immobilization and Euthanasia Drugs.
- 3/91 - 4/96 **Yellowstone National Park, Mammoth, WY**
Wildlife and Project Veterinarian - First wildlife veterinarian employed by National Park Service. Developed and coordinated capture & handling, acclimation pens, and husbandry for Yellowstone wolf recovery program; conducted research on hantavirus prevalence supporting Centers for Disease Control investigations; assisted with net gunning deer and antelope, elk chemical immobilizations for management, winter elk radio-collaring, and abdominal implants.
- 3/91 - 4/96 **U.S. Fish and Wildlife Service, Helena, MT**
Project Veterinarian - Developed and coordinated veterinary program for translocating gray wolves into central Idaho and Yellowstone National Park under cooperative agreement with National Park Service. Wrote peer-reviewed protocols for addressing disease issues and wolf handling and processing. Assembled team of veterinarians for field operations in Canada. Escorted all wolves transported into the United States.
- 11/90 - 3/91 **Lion Ecology Project; Wildlife Research Institute**
Biological Technician - Team leader for mountain lion capture team in Yellowstone National Park; also conducted extensive tracking and radio telemetry monitoring; contributed veterinary techniques and perspectives.
- 3/90 - 4/90 **South Fork Grizzly Project; MT Fish, Wildlife & Parks**
3/89 - 4/89 Bear Trapper - Intensive trapping of black and grizzly bears for marking and radio-collaring in population study; erected emote camera systems and monitored with radio-telemetry; instructed training courses at beginning of each field season.
- 7/87 - 11/90 **Veterinary Practitioner - Associate Veterinarian** in Clackamas, Oregon (Sunnyside Veterinary Hospital), Laurel, Montana (Laurel East Veterinary Services); practiced as Relief Veterinarian in 14 veterinary clinics throughout Montana while interspersing veterinary practice with wildlife opportunities.



Field Projects History

State Wildlife Agencies - Instructor for Michigan Dept. of Natural Resources, Maine Inland Fisheries & Wildlife, and Massachusetts Division of Fish & Wildlife.

Red Wolf Recovery Program

2019 - Taught customized course for endangered species recovery program

USDA/APHIS/Wildlife Services -

2001 - Wrote first USDA WS training manual on wildlife chemical immobilization.

2008 - Conducted WS Safety Review in numerous states.

Washington Dept. of Fish & Wildlife - Wildlife veterinarian and Co-leader for Montana bighorn sheep field captures for transport to Washington State.

Puerto Rico Dept. of Natural Resources - Taught wildlife chemical immobilization course for PR Dept. of Natural Resources and assisted them with establishing a national chemical immobilization program.

Glacier National Park - Taught annual courses in grizzly/black bear capture and handling for bear management personnel.

Yosemite National Park - Instructed bear capture and handling courses in 1999 and 2000.

Isle Royale National Park - Provided field assistance for wolf research including trapping, radio collaring, and other wolf handling techniques.

NM Dept. Game & Fish - Project veterinarian for desert & Rocky Mountain net gunning bighorn sheep captures.

USFWS Management Assistance - Assisted with antelope translocation and elk vaginal implant field operations (capture by net gunning) for Montana tribal wildlife programs.

USFWS, National Conservation Training Center - Teaching chemical immobilization courses for the US Fish and Wildlife Service 2000-2003.

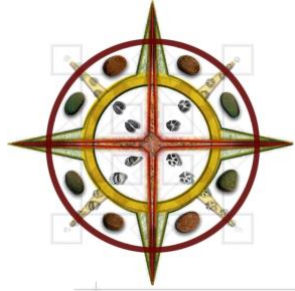
Bear Handling Courses - Co-instructed courses on capture and handling of grizzly and black bears for research and management for MT Fish Wildlife & Parks and Yellowstone National Park.

Wolf Field Techniques Workshops - Gathered professionals from North America to speak on state-of-the-art techniques and equipment for wolf research and management.

Humane Society of the United States - Co-instructed course for animal control officers at several native American reservations. Assisted with capture of feral dogs and cats after Hurricane Katrina. Assisted with logistics and animal care for numerous large dog confiscations.

Tokyo University - Presented lectures to several Japanese wildlife and veterinary programs. Subjects included wolf translocation, wildlife capture and handling, and animal welfare issues.

Turks and Caicos SPCA - Pioneered multi-faceted feral dog project involving public education in animal stewardship, development of unique capture pens, handling



methods, and capture of 400 free-ranging dogs for spaying and neutering or euthanasia. 2001 and 2004.

Fort Belknap Cougar Project, Fort, Belknap, MT - Advising veterinarian for mountain lion research project involving capture and handling.

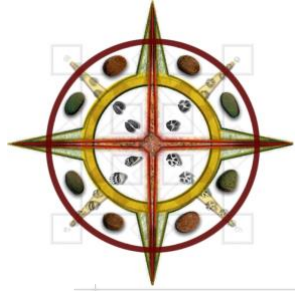
Vets Beyond Borders and India Animal Welfare Board - Completed 4 trips to India with training in humane dog capture and handling. Taught courses that gave government certification for Humane Animal Handlers. Produced training videos now used by spay/neuter programs across India.

Koror State Government, Palau - Taught extensive course in humane dog capture and handling for state animal control officers and state animal shelter staff.

Humane Society International – directed wolf captures to rescue animals at Quebec, Canada roadside zoo condemned due to neglect and cruelty.

Volunteer Employment

- Feb 1 – March 30 2009 **Project Vet Train, Faridabad, India.** Taught feral dog capture and handling as part of a collaboration between Vets Beyond Border and the Government of India Animal Welfare Board. *Second trip was an employed engagement.
- June, 2008 **Ladakh Animal Care Society, Leh India.** Taught feral dog capture and handling workshop for 4 spay/neuter programs and consulted on facilities and procedures for spay/neuter program run by the Ladakh Animal Care Society and Vets Beyond Borders.
- Fall, 2005 Assisted the **Humane Society of the United States** with post-hurricane animal rescues in the New Orleans area on three separate trips. Duties included coordinating emergency captures of dogs in areas with receding waters, coordinating three teams to capture dogs and cats in the Gulfport, MS area, and training of personnel in the humane use of box traps and animal handling.
- 1995 – 2002 **Veterinary Specialist Group of the Species Survival Commission, IUCN, Wiltshire, England**
Contributed wildlife veterinary expertise and support to international issues to support species conservation and biodiversity.
- 12/84, 1/85 **Game & Fish Research Station: Wyoming Game & Fish Department, Laramie, WY**
Helped trap bighorn sheep, worked with drop nets, collected blood and other samples.



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Winters '84, '85, '87

Colorado Division of Wildlife, Ft. Collins, CO
Handler and veterinary technician - Helped trap bighorn sheep on sporadic trapping sessions, collected blood and other samples to monitor disease and stress.

7/83 - 6/84

Raptor Rehabilitation Clinic, Colorado Veterinary Teaching Hospital, Ft. Collins, CO
Freshman Representative - organized and coordinated freshman veterinary students within the Raptor Rehabilitation Clinic.

7/75 - 6/80

Gallatin Raptor Rehabilitation Center, Bozeman, MT
Raptor Rehabilitator - Initiated and maintained facilities for treating orphaned or injured raptors for release; veterinary assistant for surgery and taking radiographs; worked directly with raptors such as treatments, handling, exercising, and feeding.

Education

8/83 - 5/87

College of Vet. Med., Colorado State Univ., Ft. Collins, CO
Degree: Doctor of Veterinary Medicine

8/80 - 9/83

University of Saskatchewan, Saskatoon, Canada
Degree: M.Sc. in Veterinary Science (Anatomy)

10/75 - 6/80

Montana State University, Bozeman, MT
Degree: B.S. in Zoology

Publications

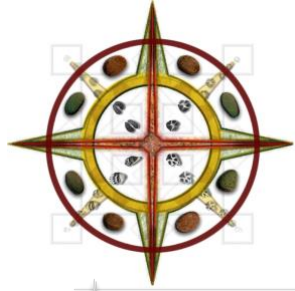
Research Editor for Yellowstone Science (quarterly), 1993-1995, Yellowstone Association, Yellowstone National Park, WY.

Associate Editor for Ninth International Conference on Bear Research and Management. 1994. International Association for Bear Research and Management. 587pp.

Associate Editor for Ursus 13 (2002) and 14 (2003). An Official Publication of the International Association for Bear Research and Management.

Peer Reviewed

Fritts, S.H., E.E. Bangs, J.A. Fontaine, M.R. Johnson, M.K. Phillips, E.D. Koch, and J.R. Gunson. 1997. Planning and implementing a reintroduction of wolves to Yellowstone National Park and central Idaho. Restoration Ecology 5(1):7-27.

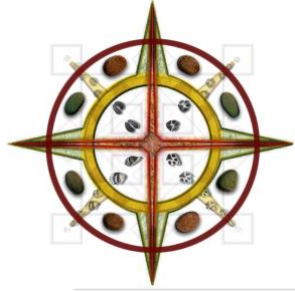


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- Gese, E.M., R. D. Schultz, M.R. Johnson, E.S. Williams, R.L. Crabtree, and R.L. Ruff. 1997. Serological survey for disease in free-ranging coyotes (*Canis latrans*) in Yellowstone National Park, Wyoming. *Journal of Wildlife Diseases* 33(1): 47-56.
- Johnson M.R. 2002. New Capture Pen for Feral Dog Packs. *Intermountain J. of Sciences*. Vol 8(4): 255.
- _____. 2001. Case 2. Health Aspects of Gray Wolf Restoration in D.S. Maehr, R.F. Noss, and J.L. Larkin, eds. *Large Mammal Restoration*, Island Press, Washington. Pp.163-167.
- _____. D.K. Boyd, and D.H. Pletcher. 1994. Serological investigations of canine parvovirus and canine distemper in relation to wolf (*Canis lupus*) pup mortalities. *Journal of Wildlife Diseases* 30(2):270-273.
- Mills, J.N., et al. 1998. A survey of hantavirus antibody in small-mammal populations in selected United States National Parks. *Am. J. Trop. Med. Hyg.* 58(4):525-532.
- Oliphant, L.W., M.R. Johnson, C. Murphy, and H. Howland. 1983. The musculature and pupillary response of the great horned owl iris. *Experimental Eye Research* 37:583-595.
- Rhyan, J.C., W. J. Quinn, L.S. Stackhouse, J.J. Henderson, D.R. Ewalt, J.B. Payeur, M. Johnson, M. Meagher. 1994. Abortion causes by *Brucella abortus* Biovar 1 in free-ranging bison (*Bison bison*) from Yellowstone National Park. *Journal of Wildlife Diseases* 30(3):445-446.
- Taylor, S.K., V.M. Lane, D.L. Hunter, K.G. Eyre, S. Kaufman, S. Frye, and M. Johnson. 1997. Serological survey for infectious pathogens in free-ranging American bison. *Journal of Wildlife Diseases* 33(2):308-311.
- Weaver, J.L and M.R. Johnson. 1995. Hematology and serum chemistry values of captive Canadian lynx. *Journal of Wildlife Diseases* 31(2): 212-215.

Non-Peer Reviewed

- Biek, R., C. Anderson, T. Ruth, K. Murphy, M. Johnson, C. Gillin, and M. Poss. Title: 'Viral diseases and cougar demography'. Sixth Mountain Lion Workshop, 10-14 December, 2000, San Antonio, Texas.
- Johnson, MR. 2010. One Cool Tool - the Y pole. *Animal Sheltering Magazine*. Sept/Oct. Humane Society of the United States. Pp. 37-41.
- _____. 1995. Rabies in wolves and its potential role in a Yellowstone Wolf Population. *in* L.N. Carbyn, S.H. Fritts, D.R. Seip, eds. *Ecology and Conservation of wolves in a Changing world*. Proceedings of the Second North American Symposium on Wolves, August 25-27, 1992, Edmonton, Alberta. Pp. 431-439.
- _____. 1992. The Disease Ecology of Brucellosis and Tuberculosis in Potential Relationship to Yellowstone Wolf Populations. United States Congress, Volume IV Research and Analysis. National Park Service, Yellowstone National Park, Wyoming. Pp 69-92.



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_____, et al. 1995. A pre-wolf disease survey in Yellowstone National Park. in Greater Yellowstone Predators: Ecology and Conservation in a Changing Landscape, Proceedings of the 3rd Biennial Conference on the Greater Yellowstone Ecosystem, Northern Rockies Conservation Coop., Jackson, WY. Pp. 196-198.
Wildlife Services. 2001. Wildlife Services' Field Operations Manual for the Use of Immobilization and Euthanasia Drugs. Dr. Mark Johnson and I&E Committee. USDA/APHIS/WS. 120pp.

Internet Websites

Website: www.wildlifecaptureandcare.com

Blog: [Wildlife Capture and Care Blog](#)

[FACEBOOK for wildlife handling;](#)

[LinkedIn](#)

[Monthly Newsletter Sign-up](#)

Licenses:

Veterinary Medical Practice: Montana and Washington

Awards:

2014 - Award for care, honor, and respect for every animal from Wolf Haven International

1980 – Teaching award for performance as teaching assistant to veterinary students. Western College of Veterinary Medicine, Saskatoon, Saskatchewan.

1995 – National Park Service Performance Award for hantavirus study in Yellowstone National Park, WY.

1996 – National Park Services Performance Award for involvement in the Gray Wolf Restoration Program. Yellowstone National Park, WY.

Personal

Born April 20, 1956

Resides with his wife, Elizabeth, in Freeland, Washington

Personal Interests:

Hiking, gardening, fishing, canoeing, sustainable communities, yoga, conscious living

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