

Jay S. Mallonee

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EDUCATION

MS - Biology - Humboldt State University
BA - Zoology - Humboldt State University
AA - Los Angeles Pierce College - Dean's List

EXPERIENCE

7/14 - present Ivy Tech Community College - Department of Sciences

Faculty Member

Teach basic biology and anatomy/physiology online. I have been trained and certified in the use of BlackBoard technology, along with creating and supervising online discussion forums, providing academic support (i.e., study skills) and creating positive resolutions with difficult people.

1/95 - present WOLF AND WILDLIFE STUDIES - Self-employment

Instructor/Research Biologist

Developed and originated this small business in which I conduct wolf and whale research in the field (see "Individual Research" below). It is a blend of my research with public education. This includes: field research, public presentations (animal biology, behavior, emotions and intelligence), and interactions with local ranchers and the general public to help avoid conflicts with wolves. I also teach classes about wolves and cetaceans, and have conducted whale watch trips. These courses have been held in the field and the classroom in Wyoming, Idaho, Montana, Michigan (wolves) and along the Washington and California coastlines (cetaceans).

12/06 - present AUTHOR/EDITOR - Self-employment

Books/Magazines/Newspapers

Timber: A Perfect Life is a published book about my 16-year journey with a dog whose life began very badly. It recounts our struggle to overcome her abuse from previous owners and create a productive life based on her remarkable intelligence and resilience. This produced a profound closeness between us and resulted in intense grief when she died. Thus the book has a subject for almost anyone, from animal behavior and intelligence to dog training, social bonds and the process of grieving. I have also written magazine articles for *ActionLine Magazine* and *Flathead Living Magazine* about my wolf research and natural history articles for the *Kootenai Valley Record*. For the *University of Alaska Press* I reviewed and edited the book *Among Wolves* by Gordon Haber and Marybeth Holleman. Use Adobe Illustrator, Photoshop and Dreamweaver to modify my web site and for layout of my articles, both magazine and scientific, and for creating presentations and flyers.

9/09 - 3/14 ALLIED COMPUTING

Technician/Instructor

Conducted maintenance and repair on Macintosh computers. Also taught tutorials to the public on how to use their computers and applications. Used Adobe Illustrator, Photoshop and Dreamweaver to create web sites and design flyers.

6/09 - 9/09 FLATHEAD VALLEY COMMUNITY COLLEGE - Department of Sciences

Elderhostel Coordinator

Was coordinator for the summer Elderhostel program. Lived on-site with the participants, planned and coordinated activities which included trips and hikes in Glacier National Park, and gave presentations about wolves and wolf research.

9/99 - 5/08 **Faculty Member**

Taught a number of different credit courses, but mostly Anatomy/Physiology to nursing students. However, other courses were taught consistently over the semesters and included: Environmental Science, Biology, Ecology, Physical Science, Chemistry, Physiological Psychology, and Developmental Psychology. In addition, I advised students regarding their academic goals and career choices. I also originated and developed a noncredit course on wolves through Continuing Education.

8/08 - 12/08 MICHIGAN TECHNOLOGICAL UNIVERSITY - Department of Forestry and Environmental Science

Faculty Member

Originated, developed and taught two credit courses about wolves: their biology, physiology and ecology. We also explored their behavior and the interactions between wolves and humans. In addition, we looked at how scientists study these animals and the role of wolf management in the state of Michigan. I also developed an Environmental Science course to be taught online.

6/92 - 8/04 U. C. SANTA BARBARA/SAN FRANCISCO STATE UNIVERSITY - Program of Wildlands Studies

Faculty Member

Taught college credit wolf survey classes in Montana, Wyoming and Idaho; coordinated and developed networks among state and federal agencies. Students learned field research techniques: how to find wolves, and collect and interpret data. They also performed transect surveys to help determine the wolves' prey base and studied how to solve conflicts between ranchers and wolves. In addition, some classes surveyed for wolves reintroduced into Idaho. I also originated, developed and taught field research classes about cetaceans (gray whales and orcas).

9/96 - 6/99 SOUTH PUGET SOUND COMMUNITY COLLEGE - Department of Natural Sciences

Faculty Member

Taught several credit courses each quarter of Environmental Science where students learned how humans interact with the environment. I also

originated and developed courses about wolves and whales that were taught through Extended Education.

- 3/92 - 4/95 **WOLF HAVEN INTERNATIONAL - Wolf sanctuary**
Researcher/Data Entry
Conducted research on their only wolf from the wild (see "Individual Research" below), and created and taught weekly classes about wolf ecology and behavior. I also processed adoptions and memberships, and provided computer support.
- 3/89 - 8/92 **THE CETACEAN LETTER - Monthly newsletter**
Editor/Writer/Consultant
Originated, wrote and edited a monthly newsletter on whales, dolphins and porpoises. It summarized the current scientific literature and presented this information in a comprehensible form to the public. Extensive experience with computers, marketing and writing. I was also a source of cetacean information for Point Reyes National Seashore, CA. I helped to train their rangers via lectures and the newsletter.
- 2/86 - 11/90 **CALIFORNIA PRIMATE RESEARCH CENTER (U. C. Davis) - Department of Pathology**
Pathology Technician
Responsible for assisting in general necropsies, completing all stillbirth and cull necropsies, and in charge of the Tissue Cutting Laboratory. Duties included administration of anesthesia, exsanguination and euthanasia, tissue collection and assisting research investigators (see "Individual Research" below). I also had extensive experience in the care and maintenance of all outdoor animals. Duties included handling Rhesus monkeys (restrained and unrestrained), assess health and assist veterinarians, maintain animal records and feed the animals.
- 4/84 - 10/85 **MARINE WORLD AFRICA U. S. A. - Oceanarium and wildlife park**
Dolphin Researcher/Zookeeper
I helped develop and conduct a communication study in which four bottle-nosed dolphins were trained to use a symbol board that allowed them to request objects and food, resulting in an enriched environment. We also conducted mother-infant and acoustical studies. In addition, I was employed as a zookeeper and responsible for the care and maintenance of all land animals. Duties included cleaning living areas, feeding, capture and transport, and assisting the veterinarian. I also trained and showed llamas (walked through the park and lectured) to the public and assisted in showing tigers. After nine months, I transferred to the Filtration Department where I was responsible for water quality for all marine mammals. Maintained large machinery such as pumps and filtration systems.
- 5/82 - 8/82 **NOAA - National Marine Fisheries Service and Marine Mammal Laboratory**
5/83 - 8/83 **Fisheries Biologist**
Aboard Japanese fishing vessels in the Bering Sea for two summers. Observed incidental take of Dall's porpoise in gill nets and obtained biological samples. I developed techniques for removing the brains of porpoise (intact) and pituitary glands embedded in the skull. This was for personal studies and those of a professor at the University of Miami. Other duties included the necropsy of birds and Dall's porpoise, and daily transect surveys for whales and other marine life. Gained extensive marine mammal observation experience and knowledge of avian and mammalian anatomy.

INDIVIDUAL RESEARCH AND PUBLISHED PAPERS

- 6/92 - present **Timber Wolves**
Reviewed the quality of the wolf population data collected by Montana Fish, Wildlife and Parks who is responsible for wolf management, and published the results. Reference: **Mallonee, J. S. 2011. Hunting wolves in Montana - where are the data? *Nature and Science*, 9(9), 175-182, ISSN 1545-0740**. As keynote speaker, I presented this paper at the Utah Environmental Congress 14th Annual Conference, Salt Lake City, UT (11-3-12).
- 6/92 - present **Timber Wolves**
Originated, conducted and published an ongoing study of territory use by the Fishtrap pack and other wolves in northwest Montana. Reference: **Mallonee, J. S. 2008. Movements of radio collared wolves and their significance on pack assembly. *The Journal of American Science*, 4(1), 53-58, ISSN 1545-1003**. Also analyzed the survey data collected by the field wolf classes and sighting data from the public provided by the Forest Service in Montana.
- 5/97 - 8/01 **Gray Whales**
Originated and conducted a study of gray whales summering off the coast of Washington. I observed and recorded behavioral data in addition to video taping the whales' behaviors. This study was for the Quileutes Indian Tribe, La Push, WA.
- 3/92 - 4/95 **Timber Wolves**
Originated, conducted and published a study that observed the behavior of a captive wolf from the wild. Reference: **Mallonee, J. S. & Joslin, P. 2004. Traumatic stress disorder observed in an adult wild captive wolf (*Canis lupus*). *Journal of Applied Animal Welfare Science*, 7(2), 107-126**. The goals of this project were to find methods of socializing wild wolves brought into captivity and increase the quality of their captive lives. This study was conducted at Wolf Haven International, Tenino, WA, and was presented at the International Wolf Center Conference, Duluth, MN (3-12-95) and the Defender's of Wildlife Conference (Restoring the Wolf), Seattle, WA (11-12-98).
- 9/86 - 8/89 **Gray Whales**
Originated, conducted and published a study of gray whales summering off the northern California coast. Reference: **Mallonee, J. S. 1991. Behaviour of gray whales (*Eschrichtius robustus*) summering off the northern California coast, from Patrick's Point to Crescent City. *Canadian Journal of Zoology*, 69, 681-690**. Presented this paper at the Eighth Biennial Conference on The Biology of Marine Mammals, Pacific Grove, CA (12-8-89).
- 5/87 - 6/88 **Rhesus Monkeys**
Originated, developed and conducted a study of mortality rates across different animal management systems at the Primate Center (U. C. Davis). Presented the results at the American Association for Laboratory Animal Science District 8 Meeting, Sacramento, CA (4-18-88), and at a seminar at the Primate Center (5-13-88).
- 9/80 - 12/83 **Brain**
Originated, developed and conducted a study that observed the effects of motor learning on cortical cells of the rat cerebellum (Master's Thesis). Used surgery to remove tissues which were analyzed with a scanning electron microscope. This study was conducted at Humboldt State University, Arcata, CA.