

Serena Z. Brenner, M.S., D.V.M.
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EDUCATION

Doctor of Veterinary Medicine, University of California, Davis. June 2004

Masters of Science, Avian Sciences, University of California, Davis. September 2000

Graduate classes in the School of Environmental Science and Management, University of California, Santa Barbara
1995-1997

Bachelor of Arts, Biological Sciences, University of California, Santa Barbara. June 1995

Continuing Education Advance Courses/Laboratories. Orthopedic Management of the Avian Wing (AAV 2010), Rabbit Dental Lab (AAV/AEMV 2010), VIN Avian Module Series (2008-2010), Avian Soft Tissue Surgery Basic and Advanced (AAV Conference 2008), Advanced Imaging of Exotic Companion Animals (AEMV Conference 2008), Avian Orthopedics (AAV Conference 2006), Practical Psittacine Behavior in the Exam Room (AAV Conference 2006 & NAVC 2008), Basics and Beyond Rabbit and Rodent Dentistry (ICE 2006), Beginning and Advanced Endoscopy in Birds (AAV Conference 2002 & 2005), Emergency Avian Medicine (AAV conference 2005), Tortoise Master Class on Chelonian Husbandry (Tortoise Trust 2001).

Conferences/Symposia Attended

CVMA Leadership Forum 2010

MCVMA Bimonthly Continuing Education 2004-current

REVMA Cardiology Day Conference 2009

Nestlé Purina Veterinary Symposium on Companion Animal Medicine 2008

NAVC 2008

UCD Feline Medicine Symposium 2008

AAV/AEMV 2003, 2005, 2006, 2008, and 2010

ContinuEd Feline Symposium 2007

CVMA Annual Conference 2006

ICE 2006

SPECIFIC STRENGTHS

- Manage and Supervise staff
- Establish Clinic Protocols
- Develop Educational Handouts
- Train Staff
- Business Development
- Proficient Clinical Skills
- Educating/Mentoring
- Leadership
- Clinical Documentation through Digital Photography
- Passionate
- Strong work ethic
- Goal oriented

VETERINARY EXPERIENCE

Relief Veterinarian, Steinhart Aquarium, San Francisco, California. 9/08 – Current

On call on days when the staff veterinarian is not available. Assist staff DVM with annual physical exams of the collection and other medical needs of the collection.

Pro Bono Work, Marin Humane Society, Novato, California. 1/07 - Current

Examine avian and exotic species that are in the society's care. Consult on proper care of avian and exotic species. Consult on legal cases involving canine, feline, avian and exotic species.

Pro Bono Work, WildCare in Marin, San Rafael, California. 9/06 - Current

Perform surgical procedures on injured wildlife at WildCare. Consult in person or via the telephone on injured wildlife cases in the hospital.

Associate Veterinarian (Part-time), Terra Linda Veterinary Hospital, San Rafael, California. 12/8/06 – Current
Perform standard veterinary responsibilities at this AAHA small animal practice (see appointments, receive emergencies, perform surgeries/procedures, oversee technicians, and train staff). Updated protocols and introduced avian and exotic medicine to the practice. Expanded the use of digital photography in the clinic. The clinic uses Infinity veterinary software and became paperless Summer 2008.

Relief Veterinarian/Independent Contractor, Various practices in Marin, Sonoma, Solano, San Francisco and Alameda Counties. 3/1/06 - Current

Perform standard veterinary responsibilities at each clinic (see appointments, receive emergencies, perform surgeries/procedures, and oversee staff). Most of the clinics are one doctor practices and therefore, I am in charge of making sure the hospital runs smoothly. Clinics that I have the opportunity to work in repeatedly often ask for my help in updating their protocols, creating handouts, and introducing digital photography as a means of documentation. Experience with AVImark, Cornerstone, and AVS veterinary software.

Associate Veterinarian (Part-time), Benicia Cat Clinic, Benicia, California. 5/23/06 – 5/1/07, 6/1/08 – 6/14/09.

Perform standard veterinary responsibilities at this AAHA cat specialty practice (see appointments, receive emergencies, perform surgeries/procedures, oversee technicians, and help train staff). Updated vaccine and other protocols and introduced digital photography as a means of documentation. The clinic uses Cornerstone veterinary software.

Associate Veterinarian (Part-time), East Petaluma Animal Hospital, Petaluma, California. 9/16/06- 1/08

Perform standard veterinary responsibilities at this AAHA small animal, avian, and exotic practice, (see appointments, receive emergencies, perform surgeries/procedures, and oversee technicians). Updated vaccine and other hospital protocols and introduced digital photography as a means of documentation. The clinic uses Avimark veterinary software.

Associate Veterinarian, Central Marin Cat and Exotic Hospital, San Rafael, California. 11/28/04-2/21/06

Perform standard veterinary responsibilities at the clinic (see appointments, receive emergencies, perform surgeries/procedures, oversee technicians, train staff, create hospital protocols, and write client handouts). The hospital sees 60% feline, 40% exotic (avian, rodent, lagomorphs, reptiles, ferrets, and wildlife from local rehabilitation place), and the occasional canine (1-3 per week). The clinic uses AVImark veterinary software.

Extended Study, Bird and Pet Clinic of Roseville, Roseville, California. 7/1/04-9/11/04

Perform standard veterinary responsibilities at the clinic (see appointments, receive emergencies, perform surgeries/procedures, and oversee technicians). The clinic sees 50% canine and feline and 50% avian, rodent, lagomorphs, reptile, and raptors.

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Extern, **Loro Parque**, Tenerife, Spain. 4/20/04-5/8/04

Participated in the daily activities of the zoo's clinic. The clinic oversaw the entire zoo/aquarium population and the large 600+ avian specie breeding facility. 95% of my time was spent working with Psittacines, penguins, and puffins. Performed in-house hematology, cytology, and microbiology. Gained experience with avian necropsy, endoscopy, crop biopsy, air sac cannulation, avian surgery/anesthesia, chick medicine, and population avian medicine. Did some work on the large cats in the zoo's collection.

Extern, **Bird and Pet Clinic of Roseville**, Roseville, California. 2/9/04-2/27/04

Participated in the daily activities of the clinic seeing small animal and exotic patients (50% dog/cat and 50% avian, rodent, reptile) with the doctors, assisted in the treatment and management of patients, and gained "hands-on" experience with surgeries and veterinary tasks.

Veterinary Technician, **Presidio Way Veterinary Hospital**, San Francisco, California. 4/98 to 10/98

Monitored IV fluids, expressed anal glands, administered vaccinations along with other SC and IM injections, monitored vitals and anesthesia, obtained blood pressures, and other basic technician duties. Acted as receptionist when needed by answering phones, making appointments, placing clients in a room and taking a brief history, making professional calls for the doctors, using the Advanced Veterinary System (AVS) computer program, filling prescriptions, and collecting payments.

Veterinary Technician, **Santa Barbara Pet Hospital**, Santa Barbara, California. 4/97 to 11/97

Maintained wards and hospital, prepared and performed clinical pathology tests, assisted in radiology, developed films, filled prescriptions, instructed clients in home care, performed paraveterinary tasks, assisted the doctors with medical procedures and in surgery, performed dental prophylaxis, maintained instruments and equipment, and performed daily treatments for in house patients.

Veterinary Technician, **Artemis Animal Clinic**, Santa Barbara, California. 1/97 to 4/97

Performed all receptionist duties, took vitals, filled prescriptions, assisted the doctor in rooms, prepared and performed clinical pathology tests, and maintained instruments and equipment.

Lead Animal Attendant, **SPCA**, Medical and Behavioral Rehabilitation, San Francisco, California. 4/96 to 6/96

Trained and directed animal attendants. Oversaw the proper handling, feeding, and record keeping of all shelter animals. Assisted the Medical and Behavioral Rehabilitation Division Veterinarians, Veterinary assistants, behavior staff, and client service representatives.

Intern, **Raintree Macaws and Swampy Oasis**, Fort Bragg, California. 7/18/98 to 7/26/98

The farm bred miniature horses and seven different species of macaws. Learned management techniques of a breeder. Learned feeding techniques, needs of adults used for breeding purposes, needs of the young, role of veterinarians in maintaining a breeder's stock and the offspring produced.

Intern, California **Academy of Sciences, Steinhart Aquarium**, San Francisco, California. Fall 1995

Studied aquarium management. Final project involved converting a cold water dolphin tank to a tropical reef shark exhibit. This involved reviewing blue prints, studying the circulation systems, and researching the new pumps and filters available.

Intern, **Steinhart Aquarium**, San Francisco, California. Summer 1990, 8/89 to 11/89

Coordinated the Aquarium's Touchtank exhibit, which involved feeding the animals, training and organizing the volunteers. Assisted a graduate student at San Francisco State University in his research on thermoregulation in seven-gill sharks. Conducted water purity tests from various exhibits. Served as the vacation relief person for the shark coral reef exhibit. Assisted in the hand feeding and monitoring Black-footed Penguin fledglings.

RESEARCH EXPERIENCE

Veterinary Research/Publication, **UCDavis, School of Veterinary Medicine**, Davis, California. 1/01 to 12/05 (publication)

Project: Develop aids to assist the clinician in identifying early stages of dental disease in chinchillas, a common cause of morbidity in these domesticated rodents. Live chinchillas as well as rendered skulls were analyzed using radiographs, magnification radiographs, computed tomography, and physical exam. Publication: Brenner, S.Z.G., Hawkins, M.G., Tell, L.A., Hornof, W.J., Plopper, C.G., Verstraete, F.J.M. *Clinical Anatomy, Radiography, and Computed Tomography of the Chinchilla Skull*. In: Compendium, December 2005.

Graduate Student/Masters Thesis, **UCDavis, Avian Sciences**, Davis, California. 8/98 to 7/00

Thesis Maternal antibody transfer, egg production, and eggshell quality of Japanese quail, *Coturnix japonica*, vaccinated with lipopolysaccharide from *Salmonella typhosa*. Bred the Orange-winged Amazon colony and in charge of selling the Amazon chicks. In charge of diagnostic assistance and treatment for any injured or sick Amazon, cockatiel, or quail. Assist my sponsor, Dr. Klasing, with bleeding and medicating cockatiels, Japanese quail, and White Leghorn chickens used for his research. Served as a teaching assistant for undergraduate animal science courses.

Lab Technician, **Ft. Miley Veteran's Hospital**. San Francisco, California. Summer 1993

Maintaining cultures of human skin cells; performing enzyme immunoassays for prostaglandin E₂ (PGE₂).

Intern/Publication, **Ft. Miley Veteran's Hospital**. San Francisco, California. 11/89 to 1/90

Project: Regulation of human skin cell (keratinocytes) proliferation and production of prostaglandin E₂ (PGE₂), a modulator of cell proliferation. Publication: Goldyne, M.E., Rea L.R., and Goldyne, S.Z. *Child Syndrome: Fibroblasts from involved skin fail to proliferate in response to interleukin 1a due to induction of excessive prostaglandin E₂ synthesis*. In: *Advances in Prostaglandin, Thromboxane, and Leukotriene Research* Vol. 21, Raven Press, Ltd., New York 1990.

COMMUNITY SERVICE

Past President, Past Vice President, and CE Coordinator for MCVMA

Represent MCVMA on the Marin County Avian Influenza Response Group (MAIR)

Guest Lecturer at UC Davis, Dept. of Animal Science, Davis, California

Marin Humane Society, Novato, California

WildCare, San Rafael, California

Founded the Maxwell Soke Brenner Memorial Fund at the University of California San Francisco

Second Chance Rescue, Marin, California

Marin Cat Connection, San Rafael, California

Fix our Feral Spay/Neuter Clinic

Sacramento Spay Day 2003

Avian Conservation Center, San Francisco Zoo, California

Orphaned Kitten Project, UCDavis, School of Veterinary Medicine

ASAP and BUNS, Santa Barbara, California

ORGANIZATIONAL MEMBERSHIPS

Member, Association of Avian Veterinarians 2000-present

Member, Association of Exotic Mammal Veterinarians 2005-present

Member, California Chins, Palo Alto, California 1996-present

Member and President (2009-2010), VP (2008-2009), and CE Coordinator (2006-2007) of local Marin VMA

Member, AVMA

Member, CVMA

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INTERESTS

Veterinary management, population medicine of exotics in particular psittacines and chinchillas, educating people on preventative medicine and the proper care of their pets or animals in captivity, wildlife/bird watching, glass fusing, jewelry fabrication (Serena Brenner DVM by Design), lapidary work, ceramics, hiking and skiing.

REFERENCES

1. Freeland Dunker, DVM. Veterinarian Steinhart Aquarium in San Francisco. Work 415-379-5440. E-mail: fdunker@calacademy.org
2. Melissa Robinett, DVM. Owner Bel Marin Animal Hospital. Work: 415-883-0578. E-mail: mardvm@att.net.
3. John Brisbin, DVM. Owner Benicia Cat Clinic. Work: 707-745-2287. E-mail: mbrisbin@sbcglobal.net.
4. Jim Clark, DVM, MBA. Owner Pet Emergency and Specialty Center of Marin. Cell 415-328-0586. E-mail: Pupdoctr@aol.com.
5. Glenda Niven. Former office manager at Central Marin Cat & Exotic Hospital. Cell 510-396-0789 E-mail: glendaniven@pacbell.net

More references available upon request