

Education, Honors and Licenses:

Diplomate, American College of Veterinary Surgeons (ACVS.org)	2006
Cornell University, College of Veterinary Medicine – Ithaca, NY Doctor of Veterinary Medicine Phi Zeta - National Veterinary Honor Society	1996-2000
University of New Mexico – Albuquerque, NM B.S. Biology, Chemistry minor GPA 3.70; Cum Laude; Dean’s List ‘91-‘94; Phi Eta Sigma Nat’l. Honor Society; Scholarship Athlete; All-Around Division I Gymnast; NCAA (WAC) Scholastic Athlete Award	1991-1994

Licensed Veterinarian: Arizona**Veterinary Experience:**

Sonora Veterinary Specialists- Phoenix, AZ 85032 <i>Staff surgeon</i> - Providing referral consultation and patient management for surgical, internal medicine, neurologic, and oncologic diseases and emergency situations. Equally comfortable with and proficient in orthopedic, soft tissue and neurologic surgery. Case load comprised of approximately 40% orthopedics, 40% soft tissue, and 20% neurologic cases. Orthopedic equipment utilized includes Imex and Securos external skeletal fixation devices, all sizes of Synthes bone plating equipment as well as Steinman pins and K-wires. Proficient at performing the tibial plateau leveling osteotomy (TPLO) and assisting with the total hip arthroplasty procedure. Trained in arthroscopic surgery and plan to offer this service in the near future. Utilize instrumentation such as the TA and LDS stapling devices. Experienced in performing and evaluating myelograms in addition to decompressive spinal surgery. Versed at receiving clinic appointments, supervising daily management of hospitalized patients, directing the clinical teaching of interns and providing optimal clinical service with excellent client communication skills and prompt professional communications with referring veterinarians.	8/04-current
Oklahoma State University- Stillwater, OK 74078 <i>Resident in Small Animal Surgery</i> - Participated in a three-year small animal surgery residency in which the surgical service rotations facilitate the development of knowledge, skill and proficiency in veterinary surgery through exposure to a wide variety of surgical diseases with the guidance of experienced board certified veterinary medical specialists. Exposure to and experience with various orthopedic equipment such as external skeletal fixation devices including Ilizarov and hybrid fixators, interlocking nail fixation, bone plating including maxillofacial reconstruction plates and the modular hand set, cannulated screws, and Trilam nails. Experience with the tibial plateau leveling osteotomy and total hip arthroplasty procedures. Performed the complete total hip arthroplasty procedure on cadavers under the supervision of Dr. Mark Rochat. Participated in the AO/ASIF orthopedic course at Ohio State University in 2002. Experience with instrumentation such as the TA, GIA and LDS stapling devices. Also trained and experienced in performing and evaluating myelograms. Other responsibilities include being the primary contact for after hours surgical emergencies; 80 hours each of training in anesthesia, medicine, radiology and pathology; the organization and completion of several resident research projects; participation in weekly surgery rounds, house officer rounds and seminars, monthly house officer journal club; periodically grading the surgical portion of the Clinical Proficiency Examination for foreign veterinarians and supervising teaching opportunities for various student organized wet-labs such as bandaging labs, emergency procedures lab and neutering lab.	7/01- 7/04
Sonora Veterinary Specialists – Phoenix, AZ 85032 <i>Internship in Small Animal Medicine and Surgery</i> - Intern doctor at Phoenix’s largest referral specialty practice with 6 blocks of surgical, 3 blocks of critical care, 2 blocks of emergency medicine and 2 blocks of medicine/oncology rotations. Surgical responsibilities included involvement with all diagnostic and surgical planning of cases; determination and direction of pre-operative and post-operative care; learning through active participation by scrubbing into an average of 4 surgeries per day; traveling to local clinics to perform “mobile” surgeries; held surgical responsibility on Labrador Rescue Association cases consisting of an additional 4 surgeries per week. Other responsibilities and learning opportunities included: primary case management on critical care transfers referred from practitioners of the greater Phoenix area, including the daily communication with clients and referring veterinarians; exposure to oncology and administration of chemotherapy and radiation therapy as treatment options representing 50% of the medicine/oncology block; access to MRI and CT as diagnostic aids; participated in optional out-rotations in dermatology and ultrasound; attended continuing education and new graduate rounds at local specialty clinics on a monthly basis; participated in weekly journal club open floor review; attended monthly Grand Rounds presentations (lecturing on four occasions); researched and presented two seminars to the greater Phoenix veterinary community.	7/00-7/01

Veterinary Experience (continued):

Southwest Wildlife Rehabilitation Center – Phoenix, AZ

7/00–7/01

Adjunct Staff Veterinarian - Non-profit foundation providing care and rehabilitation of Arizona wildlife and promotion of youth education about the indigenous desert ecosystem. Responsible for the surgical and medical management of wild animals presented for routine care, emergency care and rehabilitation. Created an effective radiology technique chart and orphaned wildlife feeding formulary.

First Regional Animal Hospital – Chandler, AZ

7/00–7/01

Emergency Veterinarian - Performed my emergency medicine rotations during my internship at one of the areas largest and busiest, state-of-the-art 24-hour emergency care facilities. As the primary clinician on duty, I became adept at all aspects of emergency care.

Sonora Veterinary Specialists – Phoenix, AZ 85032

1/10/99–1/24/99

Dr. Stephen D. Gilson (602) 765-3700

Externship - Contributed to evaluation, diagnostic and management of all surgical and medical cases and participated in both in-hospital and mobile referral surgeries.

Animal Medical Center – New York, NY

10/26/99–11/06/99

Department of Neurology; Dr. Richard Joseph

Externship - Actively participated in all aspects of the neurology service including referral appointments, diagnostics, treatments and rounds, while attending all education lectures.

All Creatures Animal Hospital – Long Beach, NY

Breaks 97, 98

Dr. Lewis Gelfand (516) 432-2946

Veterinary Technician - Responsible for all aspects of hospitalized patient care and appointments such as lab work, radiology, treatments and surgical support. Scrubbed into and assisted with non-elective surgeries.

Dr. William O. Reed, Equine Surgeon - Belmont and Aqueduct Racetrack

Summer 1998

Volunteer - Assisted with all surgeries to acquire supplemental surgical experience and was involved with all diagnostic procedures such as gastroscopy and xeroradiography.

Surgical Research Experience:

Oklahoma State University- Stillwater, OK 74078

7/01- current

Resident Research Project - Evaluation of a morphine/ medetomidine locally applied epidural placed following hemilaminectomy in the dachshund. Manuscript submitted to Veterinary Surgery. Supervisor Dr. Ellen B. Davidson, DVM, DACVS.

Resident Research Project - Histologic comparison of normal canine skin biopsy specimens collected with a carbon dioxide laser or an 810-nm diode laser. Published in JAVMA. Supervisor Dr. Michael D. Lucroy, DVM, MS, DACVIM.

Research Experience:

Brookhaven National Laboratory– Upton, NY

1/95-8/96

Biology Department; Dr. Jan Kieleczawa, Dr. F. W. Studier

Professional Associate - Performed DNA sequencing of *Borrelia burgdorferi* for the Human Genome Project using the novel technique of “DNA Sequencing by Primer Walking Using Strings of Contiguous Hexamers.” Kieleczawa, J, Dunn JJ, Studier FW. Science 1992; Dec 11; 258 (5089): 1787-91. Operated the ABI automated sequencing machine, including preparing and loading gels. Developed a protocol for a patented 96-well plate DNA preparation procedure that greatly decreased production time for DNA sequencing. Maintained the library of 4,096 hexamer primers, harvested and prepared DNA for sequencing, ran agarose and SDS polyacrylamide gel electrophoresis and entered data into HGP database.

Brookhaven National Laboratory - Dept. of Energy

Summer 1994

Human Genome Project; Dr. Jan Kieleczawa

Student Researcher - Mastered the basics of DNA sequencing, preparation and harvesting of DNA.

Research Experience (continued):

University of New Mexico, Biology Dept. – Albuquerque, NM

9/93-12/94

Biology Department; Dr. Donald O. Natvig

Research Assistant - Performed molecular genetic lab techniques such as gel electrophoresis, DNA hybridization assays, Southern, Northern and Western blots and PCR to research oxidative stress responses in *Neurospora crassa*. Headed research project dealing with the transformation of *Neurospora tetrasperma*.

Presentations:

- Rizzo L. B. *Maxillofacial Reconstruction*. Resident Seminar, Oklahoma State University. June 2004.
- Rizzo L. B. *Wobbler Syndrome in a Doberman Pinscher*, Tulsa Veterinary Medical Association. February 2004.
- Rizzo L. B. *Tibial Plateau Leveling Osteotomy*. Resident Seminar, Oklahoma State University. December 2003.
- Rizzo L. B. *The Fundamentals of the Ilizarov Method*. Resident Seminar, Oklahoma State University. May 2003.
- Rizzo L. B. *Acute Hematogenous Osteomyelitis*. Resident Seminar, Oklahoma State University. October 2002.
- Rizzo L. B. *Wobblers Disease*. Resident Seminar, Oklahoma State University. June 2002.
- Rizzo L. B. *Acute Spinal Cord Trauma: Pathophysiology and Current Concepts*. Resident Seminar, Oklahoma State University. October 2001.
- Brady L. *Enteral Nutrition*. Intern Seminar, Sonora Veterinary Specialists. June 2001.
- Brady L. *Peripheral Nerve Sheath Tumors*. Intern Seminar, Sonora Veterinary Specialists. March 2001.
- Brady L. *Gastric Dilatation-Volvulus*. Grand Rounds Presentation, Sonora Veterinary Specialists. February 2001.
- Brady L. *Type II Disc Disease*. Grand Rounds Presentation, Sonora Veterinary Specialists. December 2000.
- Brady L. *Neurologic Manifestations of Canine Distemper Virus*. Intern Grand Rounds Presentation, Sonora Veterinary Specialists. October 2000.
- Brady L. *Fibrocartilagenous Emboli in Dogs*. Intern Grand Rounds Presentation, Sonora Veterinary Specialists. August 2000.
- Brady L. *Vestibular Disease in a 4 month old German Shepherd*. Senior Seminar, Cornell University. September 1999.
- Brady L. *The Sequencing of Borrelia burgdorferi for the Human Genome Project*. Lecture, Brookhaven National Laboratory. April 1995.

Manuscripts:

- Rizzo LB, Davidson EB, et al. *Evaluation of a Morphine/ Medetomidine Locally Applied Epidural Placed Following Hemilaminectomy in the Dachshund*. Soon to be submitted to *Veterinary Surgery*.
- Gilson SD, Rizzo LB, Mitsui A. *Adrenalectomy*. Soon to be published in Bojrab MJ, *Current Techniques in Small Animal Surgery* 5th edition.
- Rizzo LB, Ritchey JW, Higbee RG, Bartels KE, Lucroy MD. *Histologic Comparison of Skin Biopsy Specimens Collected by Use of Carbon Dioxide or 810-nm Diode Lasers from Dogs*. *J Am Vet Med Assoc*. 2004 Nov 15; 225(10): 1562-6.
- Brady L. *Standardized Orphaned Wildlife Feeding Protocols*. Aug. 2000. For use at SW Wildlife.

Professional Teaching Activities:

Sonora Veterinary Specialists – Phoenix, AZ 85032

8/04-Current

Intern Supervision- Supervising the learning experiences of interns in small animal medicine and surgery. Teaching interns basic surgical principles and the pathophysiology of surgical and medical diseases while providing hands on surgical training.

Oklahoma State University- Stillwater, OK 74078

7/01- current

Resident Responsibilities - Responsible for the daily guidance, organization and management of small animal interns, foreign veterinarians (ECFVG) seeking licensure and senior veterinary students participating in the surgery rotation. Teaching senior students basic surgical principles and the pathophysiology of surgical diseases. Provide hands on surgical training to third year veterinary students during junior surgery labs. Supervise the learning experiences of rotating second year veterinary students and pre-veterinary interns being introduced to the surgery service. Extra teaching opportunities provided during various student organized wet labs (bandaging, emergency procedures, spay and neutering) and lecturing for board review sessions.

Sonora Veterinary Specialists – Phoenix, AZ 85032

7/00-7/01

Extern Supervision - Responsible for overseeing and directing the activities and learning experiences of visiting senior veterinary student externs.

Teaching File - Created neurology teaching file documenting challenging neurology cases and providing reference information to be used by future interns. Contributed to the existing radiology and cardiology teaching files by documenting 5 challenging cases.

Brookhaven National Laboratory

1/95–8/96

Senior Student Supervisor - Directed students participating in research program headed by the U.S. Department of Energy, that were assigned to the Human Genome Project. Lectured to groups of visitors about current research and lab procedures.

Activities/Interests:

Canine Club Officer- Cornell University

1997-1998

Southside Community Center Healthy Pet Clinic Coordinator

1997-1998

Gymnastics: Junior Olympic Nat'l Medallists & Division I Collegiate Athlete

1978-1992