

DANIEL E. LEWER

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Education

2004-2008	Oregon State University College of Veterinary Medicine Corvallis, OR.	D.V.M.
1998-2002	Gustavus Adolphus College St. Peter, MN. Biology (Pre-veterinary Medicine)	B.A.

Professional Experience

Doctor of Veterinary Medicine

Associate - Animal Medical Care, P.C. – Newport, OR
- Oregon Coast Aquarium

July 2008- present

- Provide veterinary care for species including all domestics, pocket pets, reptiles, marine mammals, fish and invertebrates
- Specific interests and aptitude in surgery, laser and ultrasound
- Research and publish innovative therapy and diagnostic technique for exotic species

Veterinary Research Technician

Dr. Scott Gustafson Research Lab, Oregon State University CVM – Corvallis, OR

July 2005 – July 2008

- Assist with and perform thorascopy and thoracotomy surgeries
- Assess hemostatic properties of chitosan lung patch in a porcine model
- Monitor post operational recovery

Veterinary Technician

Oregon State University CVM Small Animal Hospital – Corvallis, OR.

June 2005 – June 2006

- Rotated between ICU and surgical technician
- Assisted in various referral specific surgeries

Bioscience Research Technician II

Hatfield Marine Science Center – Newport, OR

June 2002 – September 2004

- Assist in satellite deployment, biopsy, tracking and photo-identification of various whale species
- Assist in marine mammal stranding program with necropsy, sample collection and rehabilitation effort
- Build satellite tags and maintain research equipment

Animal Supervisor/Lab Assistant

Biology Department Gustavus Adolphus College – St. Peter, MN

September 1998 - June 2002

- Supervisor and caretaker of animals used for display and experimentation

Internships and Mentorships

- SeaWorld - San Diego, CA *June 2007 – July 2007*
Veterinary Intern
- Provide primary veterinary care for stranded marine mammals
 - Assist with veterinary care of entire animal collection
- Oregon Zoo – Portland, OR *September 2007 – October 2007*
Veterinary Intern
- Assist with veterinary care of entire animal collection
- Veterinary Mentorship *September 2002 – June 2008*
Animal Medical Care Veterinary Clinic – Newport, OR.
Oregon Coast Aquarium
- Under supervision of veterinarian, conduct duties of a practicing clinician
- Veterinary Internship *August 2006*
Zurich Zoo & Basal Zoo – Zurich & Basal, Switzerland
- Assist with diagnosis, case work-up, treatment and euthanasia on various terrestrial species
 - Performed necropsy and sampling for further diagnostics
- Veterinary / Animal Keeper Internship *May 2001- August 2001*
Wildlife Safari – Winston, OR.
- Assist with administering medication, tranquilizations, surgeries, and euthanasia
 - Provide daily husbandry for all carnivores, ungulate, and reptilian species

Professional Activities and Associations

- Oregon Veterinary Medical Association Member *September 2004 - present*
- American Veterinary Medical Association Member *September 2004 - present*
- Chamber of Commerce Executive Board Member *May 2009 – present*
Newport, OR
- Young Professionals President and Creator, Chamber of Commerce *July 2009 - present*
Newport, OR
- American Animal Hospital Association Member *June 2008 - present*
- IAAAM Member - International Association for Aquatic Animal Medicine *February 2006 - present*
- AVMA student representative at IAAAM conference 2006
- Co-President of the Class of 2008 *September 2006 – June 2008*
Oregon State University CVM
- Facilitate communication between faculty / administration and my class
 - Organize class activities, represent the class of 2008 in faculty / administration meetings

- AAAS Member - American Association for the Advancement of Science *September 2006 – June 2008*
- National-International Veterinary Students Relations Committee Board Member *March 2005 - June 2008*
- Publicize the IVSRC in various journals and monthly state publications for recruitment of veterinarians within the United States to host international students
- National SAVMA Delegate for Oregon State University CVM *September 2004 - June 2008*
- Present material from OSU at the National House of Delegate meetings
 - Bring back information from meetings and present to OSU CVM
- Student Chapter Member of the Animal Behavior Club *September 2004 - June 2008*
Oregon State University CVM
- SCAVMA Member - Student Chapter of American Veterinary Medicine *September 2004 – June 2008*
Oregon State University CVM
- President of Zoo/Wildlife Zoo and Exotic Animal Veterinary Club *March 2005 – April 2006*
Oregon State University CVM
- Organize monthly presentations of exotic animal veterinary cases
 - Organize tours to the various zoological parks in Oregon
 - Organize necropsy, burial, cleaning of, and re-articulation of giraffe body

Honors and Awards

- Business Person of the Year *2011*
Greater Newport Chamber of Commerce
Newport, Oregon
- Spirit of Service Award *2009 – 2010*
Greater Newport Chamber of Commerce
Newport, Oregon
- Auxillary to the AVMA Award *May 2008*
American Veterinary Medical Association
- Student Researcher of the Year Award *May 2006*
Oregon State University College of Veterinary Medicine
- Veterinary Award for Student Leadership *May 2006, May 2007, May 2008*
Oregon State University College of Veterinary Medicine Class of 2008
- AAAS/Science Program for Excellence in Science Award *October 2006*
American Association for the Advancement of Science
- Academic Dean's List *June 2006, September 2007, May 2008*
Oregon State University College of Veterinary Medicine
- The Gator Award for Best Case Presentation *May 2006*
IAAAM 2006 Convention

Travel Award to attend IAAAM 2006 Conference Executive Board of the AVMA	May 2006
Scholarship for International Travel Student Chapter of the International Student Committee Oregon State University CVM	May 2006
Community Outreach Award Oregon State University College of Veterinary Medicine Class of 2008	March 2005, 2006
Anna Conley Trust Veterinary Medicine Scholarship Oregon State University CVM	March 2005, 2006
Paul Magnuson Award for Leadership and Service Gustavus Adolphus College	January 2002
Selma Lee Nobel Science Scholarship Gustavus Adolphus College	December 2001

Professional Presentations

<i>Medical and Surgical Management of a Suspected Sarcocystis Neurona Infection Induced Bladder Atony in a Northern Sea Otter</i>	
• IAAAM Conference 2011, Las Vegas, NV	May 2011
<i>Marine Mammal Medicine and Case Studies</i>	October 2010
• Oregon State University Zoo/Wildlife Exotics Symposium	
<i>Dental Acrylic and Circumferential Cerclage Wire Repair of a Mandibular Fracture in a Harbor Seal</i>	
• Oregon State University Research in Progress Series Oregon State University CVM – Corvallis, OR	June 2006
• IAAAM Conference 2006, Nassau, Bahamas	May 2006
<i>Quantitative analysis of cyclooxygenase-1 and 2 expression within the synovium and effects of preoperative use of COX-2 inhibitors associated with canine cranial cruciate damage</i>	
• Merck Merial Summer Scholars Conference 2006 Louisiana State University CVM – Baton Rouge, LA.	August 2006
Abstract: <u>Lewer, Daniel</u> . Mata, John. Löhr, Christiana. Gustafson, Scott. Merck/Merial National Veterinary Scholar Symposium, Louisiana State University School of Veterinary Medicine, 2006. Baton Rouge, Louisiana. Conference Proceedings	

Research Activities and Support

Ongoing

Oregon Coast Marine Mammal Stranding Coordination Lewer / Brown (Co-PI)

- Trapping, sedation, treatment or / and surgical repair of entangled sea lions (*Zalophus californianus*)

Oregon Coast Aquarium Lewer / Brown (Co-PI)

- Reproductive endocrinology and ultrasonographic qualitative analysis during breeding season, pregnancy and parturition in harbor seals (*Phoca vitulina*)

Oregon Coast Aquarium, Oregon State University Lewer / Brown (Co-PI)

- Medical and surgical management of a suspected *Sarcocystis neurona* infection induced bladder atony in a northern sea otter (*Enhydra lutris*).

Animal Medical Care Lewer / Brown (Co-PI)

- The Teacup Pig Ovariectomy

in print

Completed

- Lewer D, Gustafson SB, Rist PM, Brown S. *Mandibular fracture repair in a harbor seal*. J Vet Dent. 2007 Jun; 24(2): 95-8
- Lewer D. *What's Up Doc –Veterinarian Trainer Relationship*. IMATA. 2010 Fourth Quarter, 35(4)
- Montilla H, Lewer D, Kutzler M. *Reproductive Ultrasonographic Imaging in the Male Harbor Seal*. Soc Therio. 2010.

References

Dr. Steven Brown DVM
Animal Medical Care Clinic P.C.
Oregon Coast Aquarium
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anmed@pioneer.net

Dr. Scott Gustafson DVM, DACVS
Veterinary Surgeon
VCA Animal Hospitals
503-292-9227
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A. David Scarfe PhD, DVM, MRSSAf
American Veterinary Medical Association
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