

Steven J. Dugan, DVM, MS, Diplomate of the American College of Veterinary Ophthalmologists

EDUCATION

<u>INSTITUTION</u>	<u>DEGREE</u>	<u>YEAR</u>	<u>FIELD OF STUDY</u>
Southern Illinois University Carbondale, Illinois	BA	1982	Chemistry & Mathematics (University Highest Honors)
University of Illinois Urbana, Illinois	BS	1984	Veterinary Medicine
University of Illinois Urbana, Illinois	DVM	1986	Veterinary Medicine (University Honors)
Cornell University Ithaca, New York	Certificate	1987	Internship Small Animal Medicine & Surgery
Stanford University Stanford, California	Certificate	1988	Ophthalmology
Colorado State University Fort Collins, Colorado	MS	1990	Veterinary Clinical Sciences
Colorado State University Fort Collins, Colorado	Certificate	1990	Residency in Ophthalmology

BOARD CERTIFICATION

Diplomate of the American College of Veterinary Ophthalmologists (ACVO), October 10, 1990

ACADEMIC POSITIONS HELD

1986-1987 Internship, Cornell University, small animal medicine & surgery
1987-1990 Residency, Colorado State University, comparative ophthalmology
1990-1991 Assistant Professor, University of Illinois, ophthalmology

PROFESSIONAL ASSOCIATIONS

- American College of Veterinary Ophthalmologists (1990-present)
- American Veterinary Medical Association (1985-present)
- Colorado Veterinary Medical Association (1992-present)
- Denver Area of Veterinary Medical Society (1992-present)
- Colorado Springs Area Veterinary Medical Society (1992-present)

PROFESSIONAL ACTIVITIES

- 2016 Invited Speaker at the Colorado Veterinary Medical Association Annual Convention (9-24-2016) – Immune Mediated Golden Retriever Granulomatous Uveitis, Tacrolimus, & Tonometry
- 2015 Invited Speaker at Use it on Monday (UIOM): Continuing education for veterinary professionals – Golden Retriever Pigmentary Uveitis (11-8-2015)
- 2015 Seminar for the Aurora Police Department (4-15-2015)
- 2014 Invited Speaker at Use it on Monday (UIOM): Continuing education for veterinary professionals – Common Causes of Sudden Blindness in Dogs (11-9-2014)
- 2014 Invited Speaker at the Colorado Springs Area Veterinary Medical Society – Topical Antibiotics and Anaphylaxis in Cats (11-5-2014)
- 2012 Invited Speaker at Use it on Monday (UIOM): Continuing education for veterinary professionals – Canine Ocular Onchocerciasis (11-4-2012)
- 2012 Reviewer for the text *Ophthalmology of Exotic Pets*
- 2012 to present: Board member and Secretary Treasurer for the ACVO Vision for Animals Foundation
- 2011 and 2012 Nominating Committee for the American College of Veterinary Ophthalmologists
- 2011 Invited Speaker at Use it on Monday (UIOM): Continuing education for veterinary professionals – Remend, Bartonella (11-13-2011)
- 2010 Invited Speaker at Use it on Monday (UIOM): Continuing education for veterinary professionals – Tonometry in Veterinary Medicine (11-14-2010)
- 2010 through 2013 Scientific Reviewer for Veterinary Ophthalmology
- 2008-2010 & 2013-2015: Scientific Reviewer for the Journal of the American Veterinary Medical Association
- 2007 Invited Speaker at Use it on Monday (UIOM): Continuing education for veterinary professionals – FHV-1; Tacrolimus (10-28-2007)
- 2006 Invited Speaker at Use it on Monday (UIOM): Continuing education for veterinary professionals – Common Corneal Diseases in Dogs and Cats (11-5-2006)
- 2002 through 2008 Secretary-Treasurer of the American College of Veterinary Ophthalmologists (ACVO)
- 2008 Reviewer for the text *Ophthalmology for the Veterinary Practitioner*
- 2007 Board of Scientific Reviewers for the American Journal of Veterinary Research
- 2004-2007, 2009-2012, 2014 & 2015: Scientific Reviewer for the American Journal of Veterinary Research
- 2006 Invited Speaker at the University of Illinois 87th Annual Fall Conference for Veterinarians Urbana-Champaign, IL
- 2006 Reviewer for the text *Equine Ophthalmology*
- 2005 Invited Speaker at the Michigan Veterinary Medical Association East Lansing, MI
- 2003 Scientific Reviewer for Veterinary Medicine
- 2003 Invited Speaker at the 75th Western Veterinary Conference Las Vegas, NV
- 2003 Invited Speaker at the Colorado Veterinary Medical Association Winter Focus Conference Denver, CO
- 2002 Invited Speaker at the Colorado Veterinary Medical Association Keystone, CO
- 2002 Invited Speaker at the 33rd Annual Meeting of the American College of Veterinary Ophthalmologists Denver, CO
- 2000 Invited Speaker at the Colorado Veterinary Medical Association Spring Meeting Canon City, CO
- 1997 Invited Speaker at the 28th Annual Meeting of the American College of Veterinary Ophthalmologists Santa Fe, NM

- 1996 Invited Speaker at the 27th Annual Meeting of the American College of Veterinary Ophthalmologists Maui, HI
- 1994 Invited Speaker at the Colorado Veterinary Medical Association Fall Conference Steamboat Springs, CO
- 1992 Invited Speaker at the American Society of Veterinary Ophthalmology New Orleans, LA
- 1992 Invited Speaker at the Arizona Veterinary Medical Association Tempe, AZ
- 1991 Invited Speaker at the Arizona Veterinary Medical Association Mesa, AZ
- 1991 Committee Chair of the American College of Veterinary Ophthalmologists Resident Workshop
- 1989 Invited Speaker at the Colorado Veterinary Medical Association Winter Conference Fort Collins, CO

PUBLICATIONS (Journal Articles, Book Chapters and Scientific Abstracts)

Journal Articles

- Krawiec DR, Twardock AR, Badertscher RR 2nd, Daniel GB, Dugan SJ. Use of 99mTc diethylenetriaminepentaacetic acid for assessment of renal function in dogs with suspected renal disease. *J Am Vet Med Assoc.* 1988 Apr 15;192(8):1077-80.
- Dugan SJ, Roberts SM, Severin GA. Systemic osmotherapy for ophthalmic disease in dogs and cats. *J Am Vet Med Assoc.* 1989 Jan 1;194(1):115-8.
- Dugan SJ, Center SA, Randolph JF, Anderson WI. Chemotherapeutical remission of Multicentric lymphosarcoma in a ferret (*Mustela putorius furo*). *J Am Anim Hosp Assoc.* 1989 Jan/Feb;25:69-74.
- Krawiec DR, Felsburg PF, Gelberg HB, Dugan SJ. Development of monoclonal antibodies against canine glomerular antigens. *Vet Immunol Immunopathol.* 1990 Mar;24(3):199-209.
- Dugan SF, Curtis CR, Roberts SM, Severin GA. Epidemiologic study of ocular/adnexal squamous cell carcinoma in horses. *J Am Vet Med Assoc.* 1991 Jan 15;198(2):251-6.
- Dugan SJ, Roberts SM, Curtis CR, Severin GA. Prognostic factors and survival of horses with ocular/adnexal squamous cell carcinoma: 147 cases (1978-1988). *J Am Vet Med Assoc.* 1991 Jan 15;198(2):298-303
- Carastro SM, Dugan SJ, Paul AJ. Intraocular dirofilariasis in dogs. *Compendium.* 1992 Feb;14(2):209-217.
- Dugan SJ, Severin GA, Hungerford LL, Whiteley HE, Roberts SM. Clinical and histologic evaluation of the prolapsed third eyelid gland in dogs. *J Am Vet Med Assoc.* 1992 Dec 15; 201(12):1861-7.
- Dugan SJ, Schwarz PD, Roberts SM, Ching SV. Primary optic nerve meningioma and pulmonary metastasis in a dog. *J Am Anim Hosp Assoc.* 1993 Jan/Feb 29:11-16.
- Dugan SJ, Ketring KL, Severin GA, Render JA. Variant nodular granulomatous episclerokeratitis in four dogs. *J Am Anim Hosp Assoc.* 1993 Sept/Oct 29:403-9.
- McIlnay TR, Miller SM, Dugan SJ. Use of canaliculorhinostomy for repair of nasolacrimal duct obstruction in a horse. *J Am Vet Med Assoc.* 2001 Apr 15;218(8):1323-4.
- Hardman C, McIlnay TR, Dugan SJ. Phacofragmentation for morgagnian cataract in a horse. *Vet Ophthalmol.* 2001 Sep;4(3):221-5.
- Kenny DE, Dugan SJ, Knightly F, Baier J. Intracapsular lens removal in a Przewalski's wild horse (*Equus caballus Przewalskii*). *J of Zoo Wildlife Med.* 2003;34(3):284-6.
- O'Brien RL, Taylor MJ, Hartley J, Nuhsbaum T, Dugan SJ, Lahmers K, Aydintug MK, Roark CL, Born Wk. Protective role of gamma/delta T cells in spontaneous ocular inflammation. *Invest Ophthalmol Vis Sci.* 2009;50(7):3266-74.

- Colitz CMH, Saville WJA, Renner MS, McBain JF, Reidarson TH, Schmidt TL, Nolan EC, Dugan SJ, Knightly F, Rodriguez MM, Mejia-Fava JC, Osborn SD, Clough PL, Collins SP, Osborn BA, Terrell K. Risk factors associated with cataracts and lens luxations in captive pinnipeds in the United States and the Bahamas. *J Am Vet Med Assoc.* 2010 Aug 15;237(4):429-36.

Book Chapters

- Dugan SF. Ocular neoplasia. *Vet Clin North Am Equine Pract.* 1992 Dec;8(3):609-26.
- Miller TR, Brooks DE, Dugan SJ, Gelatt KN, Millichamp NJ. Ophthalmology. *The Equine Manual.* 1995:1007-1058.

Scientific Abstracts

- Dugan SF, Curtis CR, Roberts SM, Severin GA. Epidemiologic observations on ocular/adnexal squamous cell carcinoma in the horse. *Transactions of the 20th Annual Meeting of the American College of Veterinary Ophthalmologists.* 1989:199.
- Dugan SJ, Roberts SM, Curtis CR, Severin GA. Prognostic factors and survival of horses with ocular/adnexal squamous cell carcinoma: 147 cases (1978-1988). *Transactions of the 20th Annual Meeting of the American College of Veterinary Ophthalmologists.* 1989:200.
- Bowman DD, Dugan SJ, Parsons JC, Grieve RB. Ocular larval migrans in rabbits following per os and intra-arterial infections with *Toxacara canis*. *Transactions of the 39th Annual Meeting of the Am Soc of Tropical Med and Hygiene.* 1990:233.
- Colitz CMH, Renner M, Schmitt T, Osborn S, Chittick B, Reiderson T, Dugan SJ, McBain J. Incidence of lens disease in captive pinnipeds. *Transactions of the 37th Annual Meeting of the American College of Veterinary Ophthalmologists.* 2006:65.
- Colitz CMH, Saville WJA, Renner M, McBain J, Reiderson T, Schmitt T, Collins S, Dalton L, Osborn S, Dold C, Walsh M, Chittick B, Clough P, Mejia J, Menchaca M, Knightly F, Dugan SJ, Osborne B. *Transactions of the 38th Annual Meeting and Conference of the International Association for Aquatic Animal Medicine.* 2007.
- Breaux CB, Dugan SJ, Siegel AM, Schreiner T. Retrospective study of intracapsular lens extraction in the dog. *Transactions of the 38th Annual Meeting of the American College of Veterinary Ophthalmologists.* 2007:29.
- Colitz CMH, Saville WJA, Renner MS, Chittick EJ, Clough P, Collins S, Dalton L, Dold C, Dugan SJ, Knightly F, McBain J, Mejia J, Ollen-Hughes P, Osborne B, Osborn S, Reidarson T, Rodriguez M, Schmitt T, Walsh M. Determination of the risk factors involved in lens diseases in captive pinnipeds. *Transactions of the 38th Annual Meeting of the American College of Veterinary Ophthalmologists.* 2007:80.
- Colitz CMH, Saville WJA, Renner MS, Chittick EJ, Clough P, Collins S, Dalton L, Dold C, Dugan SJ, Knightly F, McBain J, Mejia J, Ollen-Hughes P, Osborne B, Osborn S, Reidarson T, Rodriguez M, Schmitt T, Walsh M. Determination of the risk factors involved in lens diseases on captive pinnipeds: final analysis. *Transactions of the 39th Annual Meeting of the American College of Veterinary Ophthalmologists.* 2008:4.