

CURRICULUM VITAE**NAME:** Stacy E. Andrew, DVM, Diplomate ACVO**EDUCATION:**

<u>INSTITUTION</u>	<u>DATE</u>	<u>DEGREE</u>
University of Vermont, Burlington, VT	1981-85	B.A.
University of Tennessee, Knoxville, TN	1989-93	D.V.M.

ACADEMIC APPOINTMENTS AND NON-ACADEMIC POSITIONS:

2003-present	Staff Ophthalmologist BluePearl Veterinary Partners - Georgia Veterinary Specialists, Atlanta, GA
1998-2002	Assistant Professor of Comparative Ophthalmology University of Florida, College of Veterinary Medicine
1995-1998	Resident in Comparative Ophthalmology University of Florida, College of Veterinary Medicine
1993-1994	Intern, Small Animal Medicine and Surgery Angell Memorial Animal Hospital, Boston, MA

GRANTS AWARDED:**Principal Investigator:**

1. **Andrew SE** (PI), Samuelson DA (I), Brooks DE (I): Resident Research Competition, University of Florida, 1996-1997, **\$2,000**, "Comparison of Optisol-GS corneal storage media and neomycin-polymyxin B-gramicidin ophthalmic solution for corneal preservation in the dog."
2. **Andrew SE.** (PI), Kallberg M (Col), Snyder PS (Col), Komáromy AM (Col), Gelatt KN (Col): Harold and Veraa Morris Trust, University of Florida, 1999-2001, **\$6,600**, "Electrodiagnostic study of the retinas of hypertensive cats with retinal detachments and following retinal re-attachment."
3. **Andrew SE** (PI), Brooks DE (I): Pari-Mutuel Wagering Trust Fund, 1999-2000, **\$34,000**, "Seasonal differences in the bacterial and fungal flora of the normal equine eye."

Co Principal Investigator or Co Investigator:

1. Gelatt KN (PI), Wallace MR (Col), **Andrew SE** (Col), Samuelson DA (Col): AKC Canine Health Foundation, 1998-2000, **\$54,870**, "Hereditary and DNA studies in the cataract of the Bichon Frise."
2. Snyder PS (PI), Cooke KL (Col), **Andrew SE** (Col): Pfizer Animal Health Clinical Affairs, 1999-2002, **\$20,000**, contract research.
3. Whigham HM (PI), Allred DR (Col), Brooks DE (Col), **Andrew SE** (Col): ACVO Resident Research Competition, 1998-2000, **\$4,000**, "Determination of anti-lens crystallin antibody titer in dogs with and without cataracts."
4. Whigham HM (PI), Allred DR (Col), Brooks DE (Col), **Andrew SE** (Col): Resident Research Competition, University of Florida, 1998-2000, **\$2,000**, "Determination of anti-lens crystallin serum antibody titer in dogs with and without cataracts."
5. Lassaline M (PI), **Andrew SE** (Col), Robertson SA (Col): Resident Research Competition, University of Florida, 2001-2002, **\$1,976**, "The effect of opioid receptor blockade on equine corneal wound healing."

UNFUNDED PROPOSALS:

1. **Andrew SE.** (PI), Kallberg M (CoI), Snyder PS (CoI), Komaromy AM (CoI), Gelatt KN (CoI): Winn Feline Foundation, 11/98, **\$9,652**, "Electrodiagnostic study of the retinas of hypertensive cats with retinal detachment and following retinal re-attachment."
2. **Andrew SE** (CoPI), Robertson SA (CoPI): Morris Animals Foundation, 2001, **\$7,500**, "The role of endogenous opioids in healing of the canine and equine cornea."
3. Brooks DE (PI), **Andrew SE** (CoPI), Ollivier FJ (CoPI): Pari-Mutuel Wagering Trust Fund, 2001-2002. **\$36,521**, "Endogenous and exogenous proteases in the tear film of normal and ulcerated equine eyes: characterization, quantification and inhibition."

GRADUATE STUDENTS SUPERVISED:

Franck Ollivier 2000-2004 (PhD Degree-University of Florida). Committee Member.

MAJOR COMMITTEE APPOINTMENTS AND POSITIONS HELD:

University of Florida, College of Veterinary Medicine (1998-2002)

Intern Selection Committee	2000-2002
Residency and Internship Committee	2001-2002
Awards and Scholarships Committee	1998-2002
Curriculum Committee	2000-2002

State and National Associations

10/14-current	Board of Regents, American College of Veterinary Ophthalmologists
10/00-8/03	Examination Committee, American College of Veterinary Ophthalmologists
8/04-8/07	Examination Committee fill in person
10/01-10/02	Nominating Committee, American College of Veterinary Ophthalmologists
7/13-present	Vision for Animals Foundation board member

SPECIALTY BOARD MEMBERSHIP:

Diplomate, American College of Veterinary Ophthalmologists (1998)

AWARDS, PRIZES, HONORS:

1998 Jules and Lucy Silver Animal Bedside Manner Award, Class of 1998, College of Veterinary Medicine, University of Florida

EDITORIAL BOARD MEMBERSHIP:

Reviewer for Veterinary Ophthalmology

PROFESSIONAL AND SCIENTIFIC ORGANIZATIONS AND SOCIETIES:

Alachua Veterinary Medical Association	1998-2002
American Association of Veterinary Clinicians	2000-2002
American College of Veterinary Ophthalmologists	1998-present
American Veterinary Medical Association	1993-present
Association for Research in Vision and Ophthalmology	1995-2002, 2007-present
Georgia Veterinary Medical Association	2003-present
International Equine Ophthalmology Consortium	2007-present
International Society of Veterinary Ophthalmology	1998-present
Phi Kappa Phi	1993-present
Phi Zeta, Upsilon Chapter	2000-present

INVITED LECTURES:

2017	4 invited international presentations
2001	3 invited international presentations
1995-2009	23 invited national presentations
1995-2009	36 invited presentations to local professional associations, societies, and lay groups

TEACHING:

1998-2002:	University of Florida, College of Veterinary Medicine
	1) Veterinary Ophthalmology (VEM 5241). Multiple lectures and labs
	2) Equine Ophthalmology (VEM 5243). Multiple lectures and labs. Course coordinator
	3) Ophthalmology Core Clerkship (VEM 5777)
	4) Ophthalmology Elective Clerkship (VEM 5877)
	5) Core Clinical Pharmacology (VEM 5286). 2 hours of lecture
	6) Seminars in Medicine (VEM 6936). Neurophthalmology lecture

LOCAL AND CIVIC AFFILIATIONS:

Alachua County Humane Society Board Member, 2001-2002
Zoo Atlanta – donated examinations, 2008-present
Georgia Aquarium – donated examinations, 2010-present

PUBLICATIONS:

Abstracts:

1. **Andrew S**, Abrams K. Steroid responsive retinal detachment syndrome in twenty-two dogs: clinical features and pathological findings. Proceedings of the American College of Veterinary Ophthalmologists 1994:15.
2. **Andrew SE**, Brooks DE, Gelatt KN, Smith PJ. Equine ulcerative keratomycosis: visual outcome and ocular survival in 39 cases (1987-1996). Proceedings of the American College of Veterinary Ophthalmologists 1996:70.
3. **Andrew SE**, Samuelson DA. Comparison of two storage media for corneal preservation in the dog. Proceedings of the American College of Veterinary Ophthalmologists 1997:49.
4. Brooks DE, **Andrew SE**, Dillavou CL, Ellis G, Kubilis PS. Antifungal susceptibility patterns of fungi isolated from cases of ulcerative keratomycosis in Florida horses. Proceedings of the American College of Veterinary Ophthalmologists 1997:102.
5. **Andrew SE**, Samuelson DA. Comparison of two corneal storage media for use in the dog. Investigative Ophthalmology and Vision Science 1998;39(4).
6. Brooks DE, **Andrew SE**. The success and complication rates, and the economics of penetrating keratoplasty in the horse. Proceedings of the American College of Veterinary Ophthalmologists 1998:42.
7. **Andrew SE**, Brooks DE. The success and complication rates of penetrating keratoplasty in the horse. Investigative Ophthalmology and Vision Science 1999;40(4):S253.
8. Whigham HM, Brooks DE, **Andrew SE**, Gelatt KN, Strubbe DT, Biros DJ, Cutler TJ. Treatment of equine glaucoma by contact transscleral Nd:YAG laser cyclophotocoagulation: a retrospective study of 23 eyes of 16 horses. Proceedings of the American College of Veterinary Ophthalmologists 1999:55.
9. Biros DJ, Gelatt KN, Brooks DE, Kubilis PS, **Andrew SE**, Strubbe DT, Whigham HM, Cutler TJ. Glaucoma following cataract surgery (1987-1998): a study of 346 eyes in 220 dogs with long-term follow-up. Proceedings of the American College of Veterinary Ophthalmologists 1999:56.
10. Brooks DE, **Andrew SE**, Biros DJ, Whigham HM, Cutler TJ, Strubbe DT, Gelatt KN. Ulcerative keratitis caused by beta-hemolytic Streptococcus equi in eleven horses. Proceedings of the American College of Veterinary Ophthalmologists 1999:51.
11. Brooks DE, **Andrew SE**, Whigham HM, Strubbe DT, Biros DJ, Cutler TJ, Gelatt KN. Multifocal retention of rose bengal in early equine keratomycosis. Proceedings of the American College of Veterinary Ophthalmologists 1999:21.

12. **Andrew SE**, Ramsey DT, Brooks DE, Hauptman JG. Endothelial cell counts and corneal thickness in normal horses. *Proceedings of the American College of Veterinary Ophthalmologists* 1999:76.
13. **Andrew S**, Ramsey D, Brooks D, Hauptman J. Endothelial cell counts and corneal thickness in normal horses. *Veterinary Ophthalmology* 1999;2:255.
14. **Andrew SE**, Ramsey DT, Hauptman JG, Brooks DE. Corneal endothelial cell counts and corneal thickness in normal horses. *Investigative Ophthalmology and Vision Science* 2000;40(4):S253.
15. **Andrew SE**, Anderson DE, Willis AM. Corneal endothelial cell density, corneal thickness, and corneal diameters in normal alpacas. *Proceedings of the American College of Veterinary Ophthalmologists* 2000:27.
16. Willis AM, Mutti DO, Anderson DE, Jeandervin MK, Walline JJ, **Andrew SE**. Refractive error in llamas and alpacas. *Proceedings of the American College of Veterinary Ophthalmologists* 2000:26.
17. **Andrew SE**, Anderson DE, Willis AM. Corneal endothelial cell density, corneal thickness, and corneal diameters in normal alpacas. *Veterinary Ophthalmology* 2000;3:251.
18. Willis AM, Mutti DO, Anderson DE, Jeandervin MK, Walline JJ, **Andrew SE**. Refractive error in llamas and alpacas. *Veterinary Ophthalmology* 2000;3:251.
19. **Andrew SE**, Komáromy AM, Brooks DE, Kallberg ME, Miyabashi T, Ollivier FJ, Sapp HL, Dawson MB, Lambrou GN. Blood flow response to carbogen gas of the retrobulbar vessels and optic nerve head circulation in rhesus monkeys. *Investigative Ophthalmology and Vision Science* 2001;42(4):S414.
20. Komáromy AM, **Andrew SE**, Kallberg MA, Ollivier FJ, Denis HM, Cutler TJ, Snyder PS, Gelatt KN, Brooks DE. Visual outcome after treatment in cats with hypertensive retinopathy - preliminary results. *Proceedings of the XXXIX Symposium of the International Society for Clinical Electrophysiology of Vision* 2001:133.
21. Komáromy AM, **Andrew SE**, Kallberg MA, Ollivier FJ, Denis HM, Cutler TJ, Snyder PS, Gelatt KN, Brooks DE. Visual outcome after treatment in cats with hypertensive retinopathy - preliminary results. *Proceedings of the American College of Veterinary Ophthalmologists* 2001:13.
22. Cutler TJ, Brooks DE, **Andrew SE**, Denis HM, Biros DJ, Komáromy AM, Gelatt KN. Visual outcome in young horses undergoing phacoemulsification. *Proceedings of the American College of Veterinary Ophthalmologists* 2001:31.
23. Denis HM, Alleman AR, Brooks DE, **Andrew SE**, Plummer CE. Detection of anti-lens crystallin antibody in dogs with and without cataracts. *Proceedings of the American College of Veterinary Ophthalmologists* 2001:32.
24. Brooks DE, Cutler TJ, **Andrew SE**, Gelatt KN, Denis HM, Komáromy AM, Biros DJ. Outcome of pars plana vitrectomy in 24 eyes of 18 horses with equine recurrent uveitis. *Proceedings of the American College of Veterinary Ophthalmologists* 2001:38.
25. Cutler TJ, Brooks DE, **Andrew SE**, Denis HM, Komáromy AM, Gelatt KN. How we treat equine corneal stromal abscess. *Proceedings of the 19th Annual Veterinary Medical Forum, American College of Veterinary Internal Medicine* 2001:XX.
26. **Andrew SE**, Nguyen A, Jones GL, Brooks DE. Seasonal differences in the bacterial and fungal flora of the normal thoroughbred horse eye. *Proceedings of the American College of Veterinary Ophthalmologists* 2001:42.
27. Ollivier FJ, Brooks DE, Schultz GS, Blalock T, Kallberg ME, **Andrew SE**, Komáromy AM, Cutler TJ, Denis HM, Gelatt KN. Connective tissue growth factor (CTGF) in horse tear film - preliminary results. *Proceedings of the American College of Veterinary Ophthalmologists* 2001:58.
28. **Andrew SE**, Robertson SA. Identification of opioid growth factor and opioid growth factor receptor in the normal cat, dog and horse cornea. *Proceedings of the American College of Veterinary Ophthalmologists* 2001:59.
29. Cutler TJ, Brooks DE, **Andrew SE**, Denis HM, Biros DJ, Komáromy AM, Gelatt KN. Visual outcome in young horses undergoing phacoemulsification. *Veterinary Ophthalmology* 2001;4(4):291.
30. Denis HM, Alleman AR, Brooks DE, **Andrew SE**, Plummer CE. Detection of anti-lens crystallin antibody in dogs with and without cataracts. *Veterinary Ophthalmology* 2001;4(4):291.
31. Brooks DE, Cutler TJ, **Andrew SE**, Gelatt KN, Denis HM, Komáromy AM, Biros DJ. Outcome of pars plana vitrectomy in 24 eyes of 18 horses with equine recurrent uveitis. *Veterinary Ophthalmology* 2001;4(4):292.
32. **Andrew SE**, Nguyen A, Jones GL, Brooks DE. Seasonal differences in the bacterial and fungal flora of the normal Thoroughbred horse eye. *Veterinary Ophthalmology* 2001;4(4):293.
33. Ollivier FJ, Brooks DE, Schultz GS, Blalock T, Kallberg ME, **Andrew SE**, Komáromy AM, Cutler TJ, Denis HM, Gelatt KN. Connective tissue growth factor (CTGF) in horse tear film - preliminary results. *Veterinary Ophthalmology* 2001;4(4):296.
34. **Andrew SE**, Robertson SA. Identification of opioid growth factor and opioid growth factor receptor in the

- normal cat, dog and horse cornea. *Veterinary Ophthalmology* 2001;4(4):296.
35. Gelatt KN, Wallace MR, **Andrew SE**, MacKay EO, Samuelson DA. Cataracts in the Bichon Frise. *Proceedings of the ESVO/ECVO 2002*;
 36. Brooks DE, Ollivier FJ, Schultz GS, Blalock T, **Andrew SE**, Komáromy AM, Cutler TJ, Lassaline ME, Van Setter G. Connective tissue growth factor (CTGF) in horse tear film. *Investigative Ophthalmology and Vision Science* 2002;42(4):S414.
 37. Komáromy AM, **Andrew SE**, Sapp HL, Brooks DE, Dawson WW. Flash electroretinography in standing horses using the DTL (TM) microfiber electrode. *Investigative Ophthalmology and Vision Science* 2002;42(4):S414.
 38. Ollivier FJ, Brooks DE, **Andrew SE**, Sapp HL, Kallberg ME, Komáromy AM, Dawson WW, Sherwood MB. Corneal thickness and endothelial cell density in Rhesus macaques (*Macaca mulatta*) with laser induced ocular hypertension. *Investigative Ophthalmology and Vision Science* 2002;42(4):S414.
 39. Komáromy AM, **Andrew SE**, Sapp HL, Brooks DE, Dawson WW. Flash electroretinography in standing horses using the DTL (TM) microfiber electrode. *Proceedings of the XXXX Symposium of the International Society for Clinical Electrophysiology of Vision 2002:xxx*.
 40. Komáromy AM, **Andrew SE**, Sapp HL, Brooks DE, Dawson WW. Flash electroretinography in standing horses using the DTL™ microfiber electrode. *Veterinary Ophthalmology* 2002;5(4):288.
 41. Lassaline ME, **Andrew SE**, Brooks DE, Detrisac CJ. Histologic analysis of keratectomy specimens from horses undergoing corneal transplantation for stromal abscess. *Veterinary Ophthalmology* 2002;5(4):286.
 42. Brooks DE, Ollivier FJ, Schultz GS, **Andrew SE**, Gelatt KN, Lassaline ME, Kallberg ME. Duration of in vitro inhibitory activity of equine serum against equine tear film matrix metalloproteinase. *Veterinary Ophthalmology* 2002;4(4):289.
 43. Ollivier FJ, Brooks DE, Kallberg ME, **Andrew SE**, Komáromy AM, Lassaline ME, Blalock TD, Schultz GS, Van Setten G. Reduction in matrix metalloproteinase activity in the equine tear film during corneal healing. *Investigative Ophthalmology and Vision Science* 2003;42(4).

Books and Monographs:

None

Refereed:

1. Whittaker CJG, Smith PJ, Brooks DE, Hendrix DV, Chmielewski NT, **Andrew SE**, Gelatt KN. Therapeutic penetrating keratoplasty for deep corneal stromal abscesses in eight horses. *Vet Comp Ophthalmol* 1997;7(1):19-28.
2. **Andrew SE**, Abrams KA, Brooks DE, Kubilis P. Clinical features of steroid responsive retinal detachments in twenty two dogs. *Vet Comp Ophthalmol* 1997;7(2): 82-87.
3. **Andrew SE**, Brooks DE, Smith PJ, Gelatt KN, Chmielewski NT, Whittaker CJG. Equine ulcerative keratomycosis: visual outcome and ocular survival in 39 cases (1987-1996). *Eq Vet J* 1998;30(2):109-116.
4. Brooks DE, **Andrew SE**, Ellis G, Dillavou CL, Kubilis PS. Antifungal susceptibility patterns of fungi isolated from cases of ulcerative keratomycosis in Florida horses. *Am J Vet Res* 1998;59(2):138-142.
5. **Andrew SE**, Samuelson DA, Lewis PA, Kubilis PS. Comparison of Optisol-GS and neomycin-polymyxin-B-gramicidin ophthalmic solution for corneal storage in the dog. *Vet Ophthalmol* 1999;2(3):155-161.
6. **Andrew SE**. Orbital neurofibrosarcoma in a dog. *Vet Ophthalmol* 1999;2(3):141-145.
7. **Andrew SE**. Corneal stromal abscess in a horse. *Vet Ophthalmol* 1999;2(4):207-211.
8. Komáromy AM, Brooks DE, Ramsey DT, Ramsey CC, Kallberg ME, **Andrew SE**. Hyphema. Part I. Pathophysiologic considerations. *Comp Cont Educ Pract Vet* 1999;21(11) 1064-1070.
9. Whigham HM, Brooks DE, **Andrew SE**, Gelatt KN, Strubbe DT, Biros DJ. Treatment of equine glaucoma by transscleral neodymium:yttrium aluminum garnet laser cyclophotocoagulation: a retrospective study of 23 eyes of 16 horses. *Vet Ophthalmol* 1999;2:243-250.
10. Komáromy AM, Brooks DE, Ramsey DT, Ramsey CC, Kallberg ME, **Andrew SE**. Hyphema. Part II. Diagnosis and treatment. *Comp Cont Educ Pract Vet* 2000;22(1):74-79.
11. Brooks DE, **Andrew SE**, Biros DJ, Denis HM, Cutler TJ, Strubbe DT, Gelatt KN. Ulcerative keratitis caused by beta-hemolytic *Streptococcus equi* in 11 horses. *Vet Ophthalmol* 2000;3(3):121-125.
12. Brooks DE, **Andrew SE**, Denis HM, Strubbe DT, Biros DJ, Cutler TJ, Samuelson DA, Gelatt KN. Rose Bengal positive epithelial microerosions as a manifestation of equine keratomycosis. *Vet Ophthalmol* 2000;3(2/3):83-86.

13. Cutler TJ, Brooks DE, **Andrew SE**, Denis HM, Biros DJ, Gelatt KN, Komáromy AM, Kallberg M. Disease of the equine posterior segment. *Vet Ophthalmol* 2000;3(2/3):73-82.
14. **Andrew SE**, Brooks DE, Biros DJ, Denis HM, Cutler TJ, Gelatt KN. Posterior lamellar keratoplasty for treatment of deep stromal abscesses in nine horses. *Vet Ophthalmol* 2000;3(2/3):99-103.
15. Strubbe DT, Brooks DE, Schultz GS, Willis-Goulet H, Gelatt KN, **Andrew SE**, Kallberg ME, Mackay EO, Collante WR. Evaluation of tear film proteinases in horses with ulcerative keratitis. *Vet Ophthalmol* 2000;3(2/3):111-119.
16. Biros DJ, Gelatt KN, Brooks DE, Kubilis PS, **Andrew SE**, Strubbe DT, Whigham HM. Development of glaucoma after cataract surgery in dogs: 220 cases (1987-1998). *J Am Vet Med Assoc* 2000;216(11):1780-1786.
17. **Andrew SE**, Ramsey DT, Hauptman JG, Brooks DE. Density of corneal endothelial cells and corneal thickness in eyes of euthanized horses. *Am J Vet Res* 2001;62(5):479-482.
18. **Andrew SE**, Gelatt KN. Persistent corneal erosions in dogs. *Waltham Focus* 2001;11(1):10-15.
19. **Andrew SE**. Ocular manifestations of feline herpesvirus. *J Feline Med Surg* 2001;3(1):9-16.
20. **Andrew SE**, Tou S, Brooks DE. Corneoconjunctival transposition for the treatment of feline corneal sequestra: a retrospective study of 17 cases (1990-1998). *Veterinary Ophthalmology* 2001;4(2):107-111.
21. Gelatt KN, van der Woerd A, Ketring KL, **Andrew SE**, Brooks DE, Biros DJ, Denis HM, Cutler TJ. Enrofloxacin-induced retinal degeneration in cats. *Vet Ophthalmol* 2001;4(2):99-106.
22. **Andrew SE**. How I treat chronic conjunctivitis in cats. *Waltham Focus* 2001;11(2):2.
23. **Andrew SE**, Willis AM, Anderson DE. Density of corneal endothelial cells, corneal thickness, and corneal diameters in normal llama and alpaca eyes. *Am J Vet Res* 2002;63(3):326-329.
24. **Andrew SE**, Brooks DE. Exotic animal ophthalmology. *Anim Eye Res* 2002;21(1-2):1-11.
25. **Andrew SE**. Board certification in veterinary ophthalmology. *Anim Eye Res* 2002;21(1-2):49-51.
26. **Andrew SE**, Clippinger TL, Brooks DE, Helmick KE. Penetrating keratoplasty for treatment of corneal protrusion in a great horned owl (*Bubo virginianus*). *Vet Ophthalmol* 2002;5(3):201-205.
27. Gelatt KN, Wallace MR, **Andrew SE**, MacKay EO, Samuelson DA. Cataracts in the Bichon Frise. *Vet Ophthalmol* 2003;6(1):3-9.
28. Komáromy AM, **Andrew SE**, Sapp HL, Brooks DE, Dawson MB. Flash electroretinography in standing horses using the DTL™ microfiber electrode. *Vet Ophthalmol* 2003;6(1):27-33.
29. **Andrew SE**, Nguyen A, Jones GL, Brooks DE. Seasonal effects on the aerobic and fungal conjunctival flora or normal Thoroughbred brood mares in Florida. *Vet Ophthalmol* 2003;6(1):45-50.
30. Ollivier FJ, Brooks DE, Komáromy AM, Kallberg ME, **Andrew SE**, Sapp HL, Sherwood MB, Dawson WW. Corneal thickness and endothelial cell density measured in by non-contact specular microscopy and pachymetry in rhesus macaques (*Macaca mulatta*) with laser induced ocular hypertension. *Exp Eye Res* 2003;76(6):671-677.
31. Gelatt KN, Wallace MR, **Andrew SE**, MacKay EO, Samuelson DA. Cataracts in the Bichon Frise. *Vet Ophthalmol* 2003;6(1):3-9.
32. Robertson SA, **Andrew SE**. Presence of opioid growth factor and its receptor in the normal dog, cat and horse cornea. *Vet Ophthalmol* 2003;6(2):131-134.
33. Sauer P, **Andrew SE**, Lassaline M, Gelatt KN, Denis HM. Changes in antibiotic resistance in equine bacterial ulcerative keratitis (1991-2000): 65 horses. *Vet Ophthalmol* 2003;6(4):309-313.
34. Margadant DL, Kirkby K, **Andrew SE**, Gelatt KN. Effect of topical tropicamide on tear production as measured by the Schirmer's tear test in normal dogs and cats. *Vet Ophthalmol* 2003;6(4):315-320.
35. Denis HM, Brooks DE, Alleman AR, **Andrew SE**, Plummer C. Detection of anti-lens crystallin antibody in dogs with and without cataracts. *Vet Ophthalmol* 2003;6(4):321-327.
36. Ollivier FJ, Brooks DE, Kallberg ME, Komáromy AM, Lassaline ME, **Andrew SE**, Gelatt KN, Stevens GR, Blalock TD, van Setten GB, Schultz GS. Evaluation of various compounds to inhibit activity of matrix metalloproteinases in the tear film of horses with ulcerative keratitis. *Am J Vet Res* 2003;64(9):1081-1087.
37. **Andrew SE**. Corneal fungal diseases in small animals. *Clin Tech Small Anim Pract* 2003;18(3):186-192.
38. Komáromy AM, **Andrew SE**, Denis HM, Brooks DE, Gelatt KN. Hypertensive retinopathy and choroidopathy in a cat. *Vet Ophthalmol* 2004;7(1):3-9.
39. Komáromy AM, **Andrew SE**, Brooks DE, Detrisac CJ, Gelatt KN. Periocular sarcoid in a horse. *Vet Ophthalmol* 2004;7(3):141-146.
40. Ollivier FJ, Brooks DE, Schultz GS, Blalock TD, Andrew SE, Komáromy AM, Cutler TJ, Lassaline ME, Kallberg ME, **Andrew SE**, Van Setten GB. Connective tissue growth factor in tear film of the horse:

detection, identification and origin. Graefes Archives of Clinical and Experimental Ophthalmology 2004;24(2):165-171.

41. Ollivier FJ, Brooks DE, Van Setten GB, Schultz GS, Gelatt KN, Stevens GR, Blalock TD, **Andrew SE**, Komáromy AM, Lassaline ME, Kallberg ME, Cutler TJ. Profiles of matrix metalloproteinase activity in equine tear fluid during corneal healing in 10 horses with ulcerative keratitis. Vet Ophthalmol 2004;7:397-405.
42. Wallace MR, MacKay EO, Gelatt KN, **Andrew SE**. Inheritance of cataract in the Bichon Frise. Vet Ophthalmol 2005;8(3):203-5
43. Plummer CE, Smith S, **Andrew SE**, Lassaline ME, Gelatt KN, Brooks DE, Kallberg ME, Ollivier FJ. Combined keratectomy, strontium-90 irradiation and permanent bulbar conjunctival grafts for corneolimbic squamous cell carcinoma in horses (1990-2002):38 horses. Vet Ophthalmol 2007;10(1):37-42.
44. Pederson SL, Pizzirani S, **Andrew SE**, Pate DO, Stine JM, Michau TM. Use of a nictitating membrane flap for treatment of acute corneal hydrops-21 eyes. Vet Ophthalmol 2016;19(Suppl 2): 61-68.
45. Foote B, Pederson S, Welihozkiy A, Stine J, Carastro S, **Andrew S**, Michau, T. Retinal detachment and glaucoma in the Boston Terrier and Shih Tzu following phacoemulsification (135 patients): 2000-2014. Vet Ophthalmol. 2017;

PUBLICATIONS - NON-REFEREED

Non-refereed - Chapters:

1. **Andrew SE**. Feline infectious peritonitis. Vet Clin North Am Small Anim Pract 2000;30(5):987-1000.
2. **Andrew SE**. Diseases of Eyelids. In: Handbook of Small Animal Practice, fourth edition. Ed. by RV Morgan. Philadelphia: WB Saunders Co., 2001, pp 929-942.
3. **Andrew SE**. Corneal diseases of rabbits. Vet Clin North Am Exotic Anim Pract 2002;5:1-16.
4. **Andrew SE**. Fungal keratitis. In: Current Therapy In Equine Medicine 5. Ed. by NE Robinson. Philadelphia: WB Saunders Co., 2003, pp 477-479.
5. **Andrew SE**, Willis AM. Corneal diseases. In: Equine Ophthalmology. Ed. by BC Gilger. Philadelphia: Elsevier, 2005, pp 157-251.
6. **Andrew SE**. Diseases of Eyelids. In: Handbook of Small Animal Practice, fifth edition. Ed. by RV Morgan. Philadelphia: WB Saunders Co., 2007.
7. **Andrew SE**. Immune-mediated canine and feline keratitis. Vet Clin North Am Small Anim Pract 2008;38(2):269-290.
8. **Andrew SE**. Prolapsed third eyelid gland repair. In: Current Techniques in Small Animal Surgery, fifth edition. Ed by MJ Bojrab, 2014.

Non-refereed – Proceedings/Lectures:

1. **Andrew SE**. Glaucoma Basics. Proceedings of the 14th Annual North American Veterinary Technicians and Practice Managers Conference, Orlando, FL, 2000:7-8.
2. **Andrew SE**. Avian Ophthalmology. Proceedings of the 17th Annual North American Veterinary Conference, Orlando, FL, 2000:851-853.
3. **Andrew SE**. Stubborn Corneal Ulcers. Proceedings of the 17th Annual North American Veterinary Conference, Orlando, FL, 2000:533-534.
4. **Andrew SE**. Diagnosis and Treatment of Feline Herpesvirus. Proceedings of the 17th Annual North American Veterinary Conference, Orlando, FL, 2000:535-536.
5. **Andrew SE**. Infectious Eye Diseases of the Cat. Proceedings of the 2nd Annual Cat Owners and Breeders Symposium, Gainesville, FL, 2/00.
6. **Andrew SE**. Why is My Dog's Eye Red? Proceedings of the Fourth Annual Dog Owners and Breeders

- Symposium, Gainesville, FL, 7/00.
7. **Andrew SE.** Equine Ophthalmology. Proceedings of the Veterinary Ophthalmic Technicians symposium, Montreal, Canada, 11/00.
 8. **Andrew SE,** Gelatt, KN: Retinal degeneration and Baytril. Proceedings of the 3rd Annual Cat Owners and Breeders Symposium, Gainesville, FL, 3/01.
 9. Cutler TJ, Brooks DE, **Andrew SE,** Denis HM, Komáromy AM, Gelatt KN: Outcome of pars plana vitrectomy in 24 eyes of 18 horses with equine recurrent uveitis in USA. Proceedings of the 19th Annual Phi Zeta Research Emphasis Day, Gainesville, FL 6/01.
 10. Denis HJ, Alleman AR, Brooks DE, **Andrew SE,** Plummer CE: Detection of anti-lens crystallin antibody in dogs with and without cataracts. Proceedings of the 19th Annual Phi Zeta Research Emphasis Day, Gainesville, FL 6/01.
 11. **Andrew SE:** The Ophthalmic Examination. Proceedings of the 115th Annual Summer Meeting of the Maryland Veterinary Medical Association, Ocean City, MD, 6/01.
 12. **Andrew SE:** Practical Ophthalmic Surgery. Proceedings of the 115th Annual Summer Meeting of the Maryland Veterinary Medical Association, Ocean City, MD, 6/01.
 13. **Andrew SE:** Corneal Diseases of the Dog. Proceedings of the 115th Annual Summer Meeting of the Maryland Veterinary Medical Association, Ocean City, MD, 6/01.
 14. **Andrew SE:** Anterior Uveitis: Everybody Gets It! Proceedings of the 115th Annual Summer Meeting of the Maryland Veterinary Medical Association, Ocean City, MD, 6/01.
 15. **Andrew SE:** Diagnosis and Treatment of Glaucoma. Proceedings of the 115th Annual Summer Meeting of the Maryland Veterinary Medical Association, Ocean City, MD, 6/01.
 16. **Andrew SE:** Feline Ocular Disease. Proceedings of the 115th Annual Summer Meeting of the Maryland Veterinary Medical Association, Ocean City, MD, 6/01.
 17. **Andrew SE:** Differential Diagnosis of Blindness. Proceedings of the 115th Annual Summer Meeting of the Maryland Veterinary Medical Association, Ocean City, MD, 6/01.
 18. **Andrew SE:** Breed Related Ocular Diseases. Proceedings of the 115th Annual Summer Meeting of the Maryland Veterinary Medical Association, Ocean City, MD, 6/01.
 19. **Andrew SE:** Ophthalmic Emergencies. Proceedings of the 115th Annual Summer Meeting of the Maryland Veterinary Medical Association, Ocean City, MD, 6/01.
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 22. **Andrew SE:** Case examples from the University of Florida. Proceedings of the Annual Meeting of Japanese Society of Comparative and Veterinary Ophthalmology, Hokkaido, Japan, 8/01.
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 24. **Andrew SE:** Epiphora – Causes and diagnostics, Georgia Veterinary Specialists RDVM CE 2004
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 27. **Andrew SE:** Anterior uveitis: Everyone gets it. Clinical ophthalmology for general practitioners, American College of Veterinary Ophthalmologists, Boston, MA 10/18/08.
 28. **Andrew SE:** Interpretation of the small animal ocular fundus examination. Best Practices 09, Atlanta, GA, 10/25/09.
 29. **Andrew SE:** Diseases and surgery of the lens. Cobb County VMA, Marietta, GA, 1/5/11.
 30. **Andrew SE:** Corneal ulcer update. Best Practices 11, Atlanta, GA, 10/16/11
 31. **Andrew SE:** Feline Herpesvirus. Best Practices 12, Atlanta, GA, 10/21/12
 32. **Andrew SE:** Ocular Emergencies. Best Practices 13, Atlanta, GA, 9/22/13
 33. **Andrew SE:** Common eye problems in dogs and what to do about them. Newnan Kennel Club, Newnan, GA, 3/5/14.
 34. **Andrew SE:** Orbital diseases in dogs and cats. Proceedings of the South African Veterinary Surgical Specialists, Johannesburg, South Africa, 9/17

35. **Andrew SE:** Surgical management of orbital disease. Proceedings of the South African Veterinary Surgical Specialists, Johannesburg, South Africa, 9/17
36. **Andrew SE:** Eyelid surgery techniques (for surgeons). Proceedings of the South African Veterinary Surgical Specialists, Johannesburg, South Africa, 9/17
37. **Andrew SE:** Corneoscleral surgical techniques. Proceedings of the South African Veterinary Surgical Specialists, Johannesburg, South Africa, 9/17