

# CURRICULUM VITAE

GLENN C. COCKERHAM, MD

## **Current Positions**

National Program Director  
Senior Executive Service (SES EQV)  
VHA Ophthalmology Services  
Specialty Care Services (10P11)  
Veteran Administration Central Office  
Washington, D.C.

Cornea Specialist, Principal Investigator  
Veterans Administration Medical Center  
3801 Miranda Avenue  
Palo Alto, CA

Clinical Associate Professor (Affiliated)  
Departments of Ophthalmology and Pathology  
Stanford University School of Medicine  
[cockerham@stanford.edu](mailto:cockerham@stanford.edu)

## **Previous National Leadership Positions**

Acting Deputy Director  
DoD/VA Vision Center of Excellence  
5113 Leesburg Pike  
Skyline Four, Suite 602  
Falls Church, VA 22041  
February 2015 - February 2016

Acting Chief Consultant  
VA Specialty Care Services  
810 Vermont Avenue NW  
Washington, D.C. 20420  
October 2015 – February 2016

Chief Consultant, U.S. Air Force Surgical Services  
USAF Office of the Surgeon General  
Bolling AFB, D.C. 20032  
1992-1995

## **Professional Interests**

Cornea, anterior segment and cataract surgery; patient safety; clinical research; organizational improvement; ocular pathology

## **Certification**

American Board of Ophthalmology, 24 November 1991

## **Professional Societies**

American Academy of Ophthalmology (AAO), Fellow

Castroviejo Corneal Society, Member with Thesis

Association of Military Surgeons of the U.S. (AMSUS)

Association for Research in Vision and Ophthalmology (ARVO)

American Medical Association (AMA), Previous Alternate Delegate for U.S. Air Force

## **Military Rank**

Colonel, U. S. Air Force (Retired)

## **Medical Education**

Graduate Certificate in Health Care Ethics, National Center for Ethics in Health Care, Veterans Health Administration, Washington, D.C., August 2017- present, Director: Dr. Cynthia Geppert

Fellowship, Cornea, External Disease, and Refractive Surgery, Massachusetts Eye and Ear Infirmary, Harvard Medical School, 243 Charles Street, Boston, Massachusetts 02114, 1996-1997, Chief of Service: Dr. Dimitri T. Azar

Fellowship, Ophthalmic Pathology, Armed Forces Institute of Pathology, Department of Ophthalmic Pathology, Washington, D.C. 20306, 1995-1996, Chairman: Dr. Ian W. McLean

Residency, Ophthalmology, Walter Reed Army Medical Center, Ophthalmology Service 1F, Washington, D.C. 20307, 1987-1990, Chairman, Kenneth Kramer, MD

Aerospace Medicine Primary Course, Brooks Air Force Base, Texas, July-September 1980

Flexible Internship, Malcolm Grow Medical Center, 1050 West Perimeter Road, Andrews Air Force Base, Maryland 20762, 1979-1980

Doctor of Medicine, University of Mississippi School of Medicine, 2500 North State Street, Jackson, Mississippi 39216, 1975-1979

Bachelor of Science, with Distinction, University of Mississippi, Oxford, Mississippi, 1972-1975

## **VA and DoD Leadership Training**

VA Senior Leadership Course 1, Leesburg, VA

VA Senior Leadership Course 2, University of North Carolina Business School, Chapel Hill, NC

Theory of Constraints, Elihu Goldratt Institute, Air Force Surgeon General Office, Washington, D.C.

## **Positions and Assignments**

July 2012-present, National Program Director, VA Ophthalmology Services

Oct 2015-Mar 2016, Acting Chief Consultant, Specialty Care Services, VA Central Office, Washington, D.C.

March 2015-Feb 2016, Interim Deputy Director, DoD/VA Vision Center of Excellence, Washington, D.C.

2011-2012, Chief, Eye Care Service, VA Palo Alto Health Care System, California

2004-2011, Chief, Ophthalmology, VA Palo Alto Health Care System, California

2000-2004, Chief, Cornea Service, Allegheny General Hospital and Cornea Consultant for Glaucoma-Cataract Consultants, Pittsburgh, Pennsylvania

1997-2000, Chief, Ophthalmology, Malcolm Grow Medical Center, Andrews AFB, MD

1996-1997, Fellow, Cornea and Refractive Surgery, Massachusetts Eye and Ear Infirmary, Harvard Medical School, Boston, MA

1995-1996, Fellow, Ophthalmic Pathology, Armed Forces Institute of Pathology, Washington, DC

1992-1995 , Chief Consultant for U.S. Air Force Surgery, HQ USAF/Surgeon General, Bolling Air Force Base (AFB), DC

1987-1990, Resident, Ophthalmology, Walter Reed Army Medical Center, DC

1990-1992, Chief, Ophthalmology, 37<sup>th</sup> Tactical Air Wing, Homestead AFB, Florida

1986-1987, Chief, U.S. Air Force Flight Medicine Clinic, Pentagon, Washington, DC

1985-1986, Flight Surgeon, 1<sup>st</sup> Air Wing, Andrews AFB, Washington, DC

1980-1984, Flight Surgeon, 7<sup>th</sup> Special Operations Squadron, Rhein-Main AFB, Germany

### **Academic Appointments**

Clinical Associate Professor, Ophthalmology (Affiliate), Stanford University School of Medicine, April 2004-present

Clinical Associate Professor, Pathology (Affiliate), Stanford University School of Medicine, March 2007-present

Director, Bay Area Ophthalmology Course (Formerly Stanford Basic Science Course), Stanford University School of Medicine, 2005-2009

Associate Professor, Surgery, Uniformed Services University of the Health Sciences, Bethesda, Maryland 1998-2002

Assistant Clinical Professor, Ophthalmology, Georgetown University Medical Center, Washington, DC 1997-2000

Clinical Instructor, Ophthalmology, Harvard Medical School, Boston, Massachusetts 1996-1997

Chief Consultant for Surgery, Consultant for Ophthalmology, U. S. Air Force Surgeon General, 1992-1996

### **Committees and Work Groups**

Chair, Eye Care Electronic Health Record Work Group, Cerner VA Project

VA Eye Care Telehealth Council

Research, Regulatory and External Scientific Relations Committee, American Academy of Ophthalmology, 2013-present

Consultant, DoD Vision Research Program, 2014 to present

DoD/ VA Vision Center of Excellence Advisory Board 2009-present

Selection Committee, Claus Dohlman Corneal Fellow Award, 2011-present

Technical Expert, Evidence-based Synthesis Program, Department of Veterans Affairs: "Visual Dysfunction in Patients with Traumatic Brain Injury: A Systematic Review."

Chair, Institutional Animal Care and Use Committee (IACUC), VA Palo Alto, 2009-2012

VA State of the Art (SOTA) Planning Committee for Traumatic Brain Injury, 2008

Ophthalmic Knowledge Assessment Program Committee, American Academy of Ophthalmology, 2007-2008

Subcommittee Lead for Vision and Hearing VA State of the Art (SOTA) Planning Committee on Traumatic Brain Injury, Washington, D.C. 2008

Expert Witness before House Veterans Affairs Subcommittee on Oversight and Investigations, Hearing on Traumatic Brain Injury and Vision. Washington DC, April 2, 2008.

Alternate Delegate, American Medical Association House of Delegates, 1993-1995

Physician to Honorable Caspar Weinberger, U.S. Secretary of Defense, 1986-1987

### **Honors and Awards**

Secretariat Award for Governmental Affairs, American Academy of Ophthalmology, 2016

Olin Teague Award for War-related Research Most Beneficial to Veterans, Veterans Health Administration, 2009 (Co-recipient with Dr. Gregory Goodrich)

Achievement Award, American Academy of Ophthalmology 2007

Member with Thesis, Castroviejo Cornea Society

Best Paper Award, Neuro-Ophthalmology Section, American Academy of Ophthalmology 2009

Scholarship Travel Award, Center for Immersive and Simulation Learning Center, Stanford University, 2006  
Merrill Reeh Award, Best Eye Pathology Paper, American Society of Orbital and Plastic Reconstructive Surgeons, 1997  
Fellow, American Academy of Ophthalmology, 1992  
Diplomate, American Board of Ophthalmology, 1991  
Senior Flight Surgeon, U.S. Air Force  
Meritorius Service Medal, Oak Leaf Cluster  
Air Force Commendation Medal  
Air Force Achievement Medal  
National Defense Service Medal  
Air Force Overseas Tour Ribbon  
Air Force Outstanding Unit Award  
Small Arms Expert Marksmanship

### Peer-reviewed Publications

Lee AY, Lee CS, Pieters M, Maa AY, **Cockerham GC**, Lynch MG. Glaucoma surgery in the Veterans Health Care System. *JAMA Ophthalmol*. Accepted for publication.

Havnaer A, Greenberg PB, **Cockerham GC**, Clark MA, Chomsky A. Cataract surgery practices in the United States Veterans Health Administration. *J Cat Refract Surg* 2017;43(4):543-551. PMID 28532941

Barker FM, **Cockerham GC**, Goodrich G, Hartwick A, Kardon RH, et al. Brain injury impact on the eye and vision. *Optom Vis Sci* 2017;94(1):4-6. PMID 28009763.

Lynch MG, Maa A, DeLaune W, Chasan J, **Cockerham GC**. Eye care productivity and access in the Veterans Healthcare System. *Mil Med*. 2017;182(1):e1631-35. PMID 28051985

Lemke S, **Cockerham GC**, Glynn-Milley C, Lin Richard, Cockerham KP. Automated perimetry and visual dysfunction in blast-related traumatic brain injury. *Ophthalmology* 2016;123(2):415-24. PMID 26581554

Greenberg P, Thakore R, **Cockerham GC**, Clark MA. Emerging cataract surgery practice patterns in the U.S. Veterans Health Administration. *Fed Pract*. 2016;33(9):10-13.

**Cockerham GC**, Lemke S, Rice TA, Wang G, Glynn-Milley C, Zumhagen L, Cockerham KP. Closed-globe injuries of the ocular surface associated with combat blast exposure. *Ophthalmology* 2014;121(11):2165-72. PMID 25124272

Lemke S, **Cockerham GC**, Glynn-Milley C, Cockerham KP. Visual quality of life in veterans with blast-induced traumatic brain injury. *JAMA Ophthalmol*: 2013 Dec 1;131(12):1602-9. PMID 24136237

Magone MT, **Cockerham GC**, Shin SY. Visual dysfunction in combat-related mild traumatic brain injury. *U.S. Ophthalmic Rev* 2013;6:48-51. <http://www.touchophthalmology.com/journals/editions/us-ophthalmic-review-volume-6-issue-1-spring-2013>.

Paulus YM, **Cockerham GC**. Streptococcus Abiotrophia defective causing Infectious Crystalline Keratopathy and Corneal Ulcer after Penetrating Keratoplasty: A Case Report. *J Ophthal Inflam Infect*.2013, 3(1):20. <http://www.joi-journal.com/content/3/1/20>. PMID 23514629

**Cockerham GC**, Lemke S, Glynn-Milley C, et al. Visual performance and the ocular surface in traumatic brain injury. *Ocul Surf* 2013;11 (1):25-34. PMID 23321357

Paulus YM, Cockerham KP, **Cockerham GC**, Gratzinger D. IgG4-positive sclerosing orbital inflammation involving the conjunctiva: A case report. *Ocul Immun Inflam* 2012;20(5):375-7. PMID 23030356

**Cockerham GC**, Rice TA, Hewes EH, et al. Closed-eye ocular injuries in the Iraq and Afghanistan Wars. *N Engl J Med* 2011;364(22):2172-2173. PMID 21631351

**Cockerham GC**, Goodrich GL, Weichel ED, Orcutt JC, Rizzo JF, Bower KS, Schuchard R. Eye and visual function in traumatic brain injury. *J Rehabil Res Dev* 2009;46(6):811-818. PMID 20104404

- Ta CN, Chan I, Dhatt HS, Paterno J, Fisher E, Singh K, Montague A, Egbert P, **Cockerham GC**, De Kaspar H. Prospective comparison of topical moxifloxacin in eliminating conjunctival bacterial flora following a one-day or one-hour application. *J Ocul Pharmacol Ther* 2008;24(4):427-31. PMID 18665815
- Goodrich GL, Kirby J, **Cockerham GC**, Ingalla SP, Lew HL. Visual function in patients of a polytrauma rehabilitation center: a descriptive study. *J Rehab Res Dev* 2007;44(7):929-936. PMID 18075950
- Hidayat AA, **Cockerham GC**. Epithelial metaplasia of the corneal endothelium in Fuchs endothelial dystrophy. *Cornea* 2006;25(8):956-9. PMID 17102674
- Cockerham KP, **Cockerham GC**, Zwick OM. Orbital inflammation. Focal Points. American Academy of Ophthalmology, 2007.
- Cockerham KP, **Cockerham GC**, Hidayat AA, Brown H. Radiosensitive orbital inflammation associated with temporal arteritis. *J Neuro-Ophthalmol* 2003;23(2):117-21. PMID 12782922
- Cockerham KP, Sachs DM, **Cockerham GC**, Hidayat AA, Brown H. Orbital hemangioblastoma arising in a rectus muscle. *Ophthal Plast Reconstr Surg* 2003;19(3):248-250. PMID 12918567
- Cockerham GC**, Laver NV, Hidayat AA, McCoy DL. An immunohistochemical analysis and comparison of posterior polymorphous dystrophy with congenital hereditary endothelial dystrophy. *Cornea* 2002;21(8):787-791. PMID 12410038
- Coupland SE, Foss HD, Hidayat AA, **Cockerham GC**, Hummel M, Stein H. Extranodal marginal B-cell lymphomas of the uvea. *J Pathol* 2002;197(3):333-340. PMID 12115879
- Cockerham KP, Hidayat AA, Brown H, **Cockerham GC**. A clinicopathologic evaluation of Mueller's muscle in thyroid-associated orbitopathy. *Ophthal Plast Reconstr Surg* 2002;18(1):11-17. PMID 11910320
- Cockerham GC**. Primary graft failure caused by herpes simplex virus type 1 (Letter). *Cornea* 2001;20(7):774-775. PMID 11588438
- Cockerham GC**, Bijwaard K, Zong MS, Hidayat AA, Font RL, McLean IW. Primary graft failure: A clinicopathologic and molecular analysis. *Ophthalmology* 2000;107(11):2083-2090. PMID 11054337
- Cockerham KP, Hidayat AA, **Cockerham GC**, et al. Melkersson-Rosenthal Syndrome: New clinicopathologic findings in four patients. *Arch Ophthalmol* 2000;118(2):227-232. PMID 10676788
- Cockerham GC**, Hidayat AA, Bijwaard KE, Sheng ZM. Reevaluation of "reactive lymphoid hyperplasia of the uvea:" An immunohistochemical and molecular analysis of ten cases. *Ophthalmology* 2000;107(1):151-8. PMID 10647734 Reviewed by Eagle RC. In: Wilson RP, Ed. *Yearbook of Ophthalmology*. St. Louis: Mosby 2001;267-268.
- Cockerham KP, **Cockerham GC**, Stutzman R, et al. The clinical spectrum of schwannomas presenting with visual dysfunction: A clinicopathologic study of three cases. *Surv Ophthalmol* 1999;44(3):226-234. PMID 10588441
- Cockerham GC**, Hidayat AA. Retrocorneal membrane with myofibroblasts following perforating injury: An immunohistochemical and ultrastructural study of eleven cases. *Cornea* 1999;18(6):700-706. PMID 10571302
- Cockerham GC**, Jakobiec FA. Lymphoproliferative disorders of the ocular adnexa. *Int Ophthalmol Clin* 1997;37(4):39-59. PMID 9429931
- Cockerham GC**, Krafft AE, McLean IW. Herpes simplex virus in primary graft failure. *Arch Ophthalmol* 1997;115(5):586-589. PMID 9152124 Reviewed by Laibson PR. In: Wilson RP, Ed. *Yearbook of Ophthalmology*. St. Louis: Mosby 1998:106-107.
- Madigan W, Wertz FW, **Cockerham GC**, Thach A. Retinal detachment in osteogenesis imperfecta. *J Pediatr Ophthalmol Strabismus* 1994;31(4):268-269. PMID 7807308

### Book Chapters

- Cockerham GC**. Therapy: current practices. In: Tyler CW (ed). *Visual Function and its Management in mTBI*. San Francisco: Smith-Kettlewell Eye Research Institute 2013:114-118.
- Cockerham GC**. The nature of the injury: blast-induced ocular and visual changes. In: Tyler CW (ed). *Visual Function and its Management in mTBI*. San Francisco: Smith-Kettlewell Eye Research Institute 2013:19-25.

- Zoumalan C, **Cockerham GC**, Foster CS. Conjunctival flap and amniotic membrane transplantation. In: Brightbill FS, Ed. Corneal Surgery: Theory, Technique, and Tissue, 4th edition. St. Louis: Mosby 2009: 207-216.
- Zoumalan C, **Cockerham GC**. Conjunctival surgery. In: Albert DM, Miller J (Eds). Albert and Jakobiec's Principles and Practice of Ophthalmology, 3<sup>rd</sup> Edition. Philadelphia: W. B. Saunders 2008:863-869.
- Kenyon KR, Stark T, **Cockerham GC**, Hersch PS. Corneal dysgeneses, dystrophies and degenerations. In: Albert DM, Miller J (Eds). Albert and Jakobiec's Principles and Practice of Ophthalmology, 3<sup>rd</sup> Edition. Philadelphia: W. B. Saunders 2008:497-551.
- Jain A, Paulus YM, **Cockerham GC**, Kenyon KR. Keratoconus and other non-inflammatory corneal thinning disorders. In: Tasman W, Jaeger EA (eds). Duane's Foundations of Clinical Ophthalmology, Vol 4, Chapter 16C. Philadelphia: Lippincott Williams & Wilkins, 2008. <http://duanessolution.com>
- Ehrlich J, **Cockerham GC**. Corneal dysgenesis. In: Tasman W, Jaeger EA (Eds). Duane's Foundations of Clinical Ophthalmology, Vol 4, Chap 16B. Philadelphia: Lippincott Williams and Wilkins 2008. <http://duanessolution.com>
- Cockerham GC**, Kenyon KR. Corneal dystrophies. In: Tasman W, Jaeger EA (Eds). Duane's Foundations of Clinical Ophthalmology, Vol 4, Chap 16A. Philadelphia: Lippincott Williams and Wilkins 2007. <http://duanessolution.com>
- Cockerham KP, **Cockerham GC**, Zwick OM. Orbital inflammation. Focal Points: Clinical Modules for Ophthalmologists: San Francisco 2007;Vol 14.
- Cockerham KP, Zwick O, **Cockerham GC**. Surgical options for dry eyes and exacerbating eyelid disorders. In: Argawal A, Ed. Dry Eye: A Practical Guide to Ocular Surface Disorders and Stem Cell Surgery. Slack 2006.
- Cockerham GC**, Cockerham KP. Epithelial tumors involving the ocular surface. In: Foster CS, Azar DT, Dohlman C (Eds). Smolin and Thoft's: The Cornea: Scientific Foundations and Clinical Practice, 4<sup>th</sup> Edition. Philadelphia: Lippincott Williams and Wilkins 2005:757-768.
- Cockerham GC**. Cataract, refractive, and assorted anterior segment surgery. In: Albert DM, Lucarelli MJ (Eds). Clinical Atlas of Procedures in Ophthalmic Surgery. AMA Press 2004:1-58.
- Cockerham GC**. Blunt trauma and non-penetrating injuries of the anterior segment. In: Bellamy RF, Thach AB, Eds. Textbook of Military Medicine. Ophthalmic Care of the Combat Casualty. Washington: Borden Institute 2003:137-148.
- Cockerham GC**, Afshari N. LASIK after penetrating keratoplasty. In: Azar DT, Koch DD, Eds. LASIK: Fundamentals, Surgical Techniques, and Complications. New York: Marcel Dekker 2002;319-328.
- Cockerham GC**. Refractive cataract surgery: Prevention and correction of secondary ametropia. In: Azar DT, Ed. Intraocular Lenses in Cataract and Refractive Surgery. Philadelphia: W.B Saunders 2001;281-97.
- Cockerham GC**, Hettinger ME, Azar DT. Astigmatism and cataract surgery. In: Albert DM, Jakobiec FA, Eds. Principles and Practice of Ophthalmology. Philadelphia: Vol 2. W.B. Saunders 2000:1538-50.
- Cockerham GC**, Kenyon KR, Rapoza PA. Traumatic cataract with other anterior segment surgery. In: Albert DM, Ed. Ophthalmic Surgery: Principles and Techniques. Cambridge: Blackwell Science, 1999:152-62.
- Cockerham GC**, Foster CS. Conjunctival flaps. In: Brightbill FS, Ed. Corneal Surgery: Theory, Technique, and Tissue, 3<sup>rd</sup> edition. St. Louis: Mosby 1999:135-41.

#### Published abstracts

- Cockerham GC**, Lemke S, Glynn-Milley C, Cockerham KP. Afferent visual function in Veterans after combat blast. Invest Ophthalmol Vis Sci (Suppl) 2014
- Cockerham GC**, Lemke S, Cockerham KP, Zumhagen L. Saccadic function in subjects with blast-induced traumatic brain injury. Invest Ophthalmol Vis Sci (Suppl) 2011.
- Cockerham GC**, Rice TA, Hewes EH, et al. Ocular and adnexal damage in veterans with combat blast-induced traumatic brain injury. Invest Ophthalmol Vis Sci (Suppl) 2009.
- Zumhagen L, **Cockerham GC**. Morphological changes of corneal endothelial cells in patients with blast-induced traumatic brain injury. Invest Ophthalmol Vis Sci (Suppl) 2009.

- Goodrich GL, Kirby J, Wood J, Shen M, **Cockerham GC**, Lew H. Polytrauma-related vision loss: a new challenge. Proceedings of the 12<sup>th</sup> International Mobility Conference, Hong Kong Society for the Blind, C4-1. 2008.
- Ehrlich J, **Cockerham GC**. Expression of growth factors in fetal cornea. Invest Ophthalmol Vis Sci (Suppl) 2007.
- Cockerham GC**. Fibrous metaplasia of corneal endothelium in posterior polymorphous endothelial dystrophy. Invest Ophthalmol Vis Sci (Suppl) 2007.
- Chan I, Dhatt H, Paterno J, Fisher E, Montague A, Egbert P, Singh K, Mino de Kaspar H, **Cockerham GC**, Ta C. Prospective comparison of 1-day vs 1-hour pre-operative moxifloxacin prophylaxis for intraocular surgeries. Invest Ophthalmol Vis Sci (Suppl) 2006.
- Hidayat AA, **Cockerham GC**. Epithelial metaplasia of corneal endothelium in Fuch's endothelial dystrophy (FED). Invest Ophthalmol Vis Sci (Suppl) 2002;43:44.
- Coupland SE, Foss HD, Hidayat AA, **Cockerham GC**, Hummel M, Stein H. Extranodal marginal B-cell lymphomas of the uvea. Invest Ophthalmol Vis Sci (Suppl) 2001;42:504.
- Hidayat AA, Prasad SS, **Cockerham GC**, Cockerham KP. Mueller's muscle fibrosis in congenital ptosis. Invest Ophthalmol Vis Sci (Suppl) 2000;41:124.
- Cockerham GC**, Hidayat AA. Posterior polymorphous dystrophy: An immunohistochemical and ultrastructural study of four cases. Invest Ophthalmol Vis Sci (Suppl) 1999;40:331.
- Cockerham KP, **Cockerham GC**, Hidayat AA. Histopathologic characteristics of Melkersson-Rosenthal syndrome. Invest Ophthalmol Vis Sci (Suppl) 1998;39:1014.
- Cockerham GC**, Hidayat AA. Retrocorneal membrane: A morphologic and immunohistochemical study of eleven cases. Invest Ophthalmol Vis Sci (Suppl) 1997;38:1086.
- Cockerham GC**, McLean IW, Krafft AE, Lichy JH, Taubenberger JK, et al. Herpes simplex type 1 detection in early corneal graft failures. Invest Ophthalmol Vis Sci (Suppl) 1996;37:48.

#### Invited Lectures

- Cockerham GC**. Academic Affiliations in VA Ophthalmology: Past, Present and Future. Mid-Year Forum. American Academy of Ophthalmology, Washington, D.C., May 10, 2018.
- Cockerham GC**. Update on VA Ophthalmology. Ophthalmology Leadership Group Annual Meeting, American Academy of Ophthalmology, Washington, D.C., January 19, 2018.
- Cockerham GC**. Shell Shock to PTSD. What Has Changed? Federal Seminar. American Academy of Ophthalmology Annual Meeting, New Orleans, LA, November 13, 2017.
- Cockerham GC**. Federal-Academic Partnerships: Then and Now. Massachusetts Eye and Ear Infirmary Alumni Day. Keynote lecture for Class of 1997. Boston, MA, June 24, 2017.
- Cockerham GC**, Cockerham KP, Lemke S, et al. Shell Shock and TBI: 1914 to Present. Project Gemini Visual Impairment Research Seminar. Victory Services Club, London, UK, May 24, 2017.
- Cockerham GC**. Comparative clinical and economic effectiveness of anti-vascular endothelial growth factor agents. Health Sciences Research and Development Webinar. VA Network, May 10, 2017.
- Cockerham GC**, Kimberly Cockerham, et al. Blast mechanisms and visual outcomes in a military population. Annual Meeting of the Society for Brain Mapping and Therapeutics, Los Angeles, CA. April 18, 2017.
- Cockerham GC**, Kimberly Cockerham, et al. Visual and ocular consequences of blast. Military Vision Symposium on Ocular and Vision Injury. Schepens Eye Research Institute, Boston, MA, March 31, 2017.
- Cockerham GC**. Update on the Vision Center of Excellence. Annual Meeting of the Blinded Veterans Association. Louisville, KY, August 2015.
- Cockerham GC**, Lemke S, Glynn-Milley C, Cockerham KP. Visual dysfunction and afferent testing in Veterans. EES Adobe Connect Nationwide Teleconference, August 25, 2015.
- Cockerham GC**, Lemke S, Glynn-Milley C, Cockerham KP. Stability and reliability of afferent visual testing in Veterans with traumatic brain injury. Fifth Annual International Vision Conference: Vision Restoration UPMC. Pittsburgh, PA, June 25, 2015.

- Cockerham GC**, Lemke S, Glynn-Milley C, Cockerham KP. Afferent visual function in Veterans with traumatic brain injury. Vision and Traumatic Brain Injury in Veterans and Athletes. Association for Research and Vision in Ophthalmology, Denver, CO, May 2, 2015.
- Kardon RH, **Cockerham GC**. Visual sensory impairments and progression following mild traumatic brain injury. Vision and Traumatic Brain Injury in Veterans and Athletes. Association for Research and Vision in Ophthalmology, Denver, CO, May 2, 2015.
- Cockerham GC**. Blast effects on the eye and visual system. Federal Affairs Symposium, American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 20, 2014.
- Cockerham GC**, Lemke S, Cockerham KP. Effects of Blast Exposure on the Eye and Visual System. Distinguished Visiting Professor, Uniformed Services University of the Health Sciences, Bethesda, MD, September 5, 2014.
- Cockerham GC**, Lemke S, Cockerham KP. Ocular biomarkers in traumatic brain injury. National Neurotrauma Society Annual Meeting, San Francisco, CA, June 29, 2014.
- Cockerham GC**, Lemke S, Glynn Milley C, Cockerham KP. The Palo Alto Experience. Consequences of neurotrauma to the visual system. Neurotrauma Special Interest Group. Association of Research in Vision and Ophthalmology Annual Meeting, Orlando, Florida, May 7, 2014.
- Cockerham GC**, Lemke S, Glynn-Milley C, Cockerham KP. Ocular injury, visual dysfunction and visual quality of life in combat blast injured Veterans. Association of Military Surgeons of the U.S. (AMSUS) Annual Meeting, Seattle, WA, November 8, 2013.
- Cockerham GC**, Lemke S, Glynn-Milley C, Rice TP, Wang G, Cockerham KP. Ocular injury, visual dysfunction and visual quality of life in combat blast injured Veterans. Clinical Consortium on Visual Dysfunction in Traumatic Brain Injury, DoD/VA Vision Center of Excellence, Spokane, WA, August 21, 2013.
- Cockerham GC**. VA Eye Care 2012. Plenary Meeting of the Council of the American Academy of Ophthalmology, Chicago, IL, November 11, 2012.
- Cockerham GC**, Lemke S, Glynn-Milley C, Zumhagen L, Cockerham KP. Dry eye disease in veterans with neurotrauma. Military Vision Symposium, Schepens Eye Research Institute, Boston MA, Sept 20, 2012.
- Cockerham GC**, Lemke S, Cockerham KP. War-related eye injuries. Blinded Veterans of America Annual Meeting. Las Vegas, Nevada, August 19, 2011.
- Cockerham GC**. Update on Ophthalmology in the Veterans Healthcare Administration. Annual Board of Trustees Meeting, American Academy of Ophthalmology, Palo Alto, CA, July 21, 2012.
- Cockerham GC**, Lemke S, Cockerham KP. Ocular consequences of combat blast. University of Iowa Ophthalmology Grand Rounds. Iowa City, Iowa. July 5, 2011.
- Cockerham GC**, Lemke S, Cockerham KP. Assessment of ocular injury and visual quality of life. Federal Interagency Conference on Traumatic Brain Injury, Washington, DC, June 14, 2011.
- Cockerham GC**, Lemke S, Cockerham KP, Zumhagen L. Assessment of visual function in traumatic brain injury Seizure detection, cognitive function, and TBI/concussion devices: issues in their evaluation. Food and Drug Administration (FDA) Symposium, FDA Campus, Silver Spring, MD, June 2-3, 2011.
- Cockerham GC**, Lemke S, Cockerham KP, et al. Closed-globe ocular injuries from blast in Iraq and Afghanistan. Visual Quality of Life in subjects with blast-induced TBI. Symposium on mild TBI and Vision. Smith Kettlewell Eye Research Institute, San Francisco, CA, March 4-5, 2011.
- Cockerham GC**. Ocular and Visual Consequences of Combat Blast. National VHA/DoD Conference: Sensory Impairment Issues in Traumatic Brain Injury. Chicago, December 8, 2009.
- Cockerham GC**. Visual and Ocular Consequences of Combat Blast-induced TBI. Third Biennial Military Symposium on Traumatic Eye and Brain Injury. Schepens Eye Research Institute, Boston, Massachusetts, September 18, 2008.
- Cockerham GC**. Visual Consequences of Combat TBI. American Society of Ophthalmic Registered Nurses, Bay Area Chapter, Spring Meeting, Palo Alto, CA, April 5, 2008.
- Cockerham GC**. Visual and Ocular Damage in Blast-induced TBI. VA/DoD Conference on Visual Consequences of TBI. San Antonio, TX, December 4-6, 2007.



## National Presentations

- Snider M, Lewin-Smith M, Merezhinskaya, **Cockerham GC**. The DoD Joint Pathology Center (JPC)/Vision Center of Excellence (VCE). Ocular Foreign Body Compositional Analysis Program: 2014-2017. (Poster). Annual Meeting of the Association for Research in Vision and Ophthalmology (ARVO), Honolulu, HI, May 1, 2018.
- Lee Y, Lee CS, Pieters M, Maa AY, **Cockerham GC**, Lynch MG. Glaucoma surgery in the Veterans healthcare system. (Poster) Annual Meeting of the American Academy of Ophthalmology, New Orleans, LA, Nov 11, 2017.
- Lemke S, Glynn-Milley C, Cockerham KP. Blast exposure effects on the eye and visual system. (Paper). Annual Meeting of the Association of Military Surgeons of the U.S., Washington, D.C., December 5, 2014.
- Cockerham GC, Lemke S, Glynn-Milley C, Cockerham KP. Afferent visual performance in Veterans after combat blast. (Paper). Association of Research in Vision and Ophthalmology Annual Meeting, Orlando, Florida, May 4, 2014.
- Cockerham GC**, Lemke S, Glynn Milley C, Cockerham KP. Ocular injury, visual performance and visual quality of life in Veterans with blast-induced traumatic brain injury. (Paper). Annual meeting of the Association of Military Surgeons of the U.S. Seattle, WA, November 8, 2013.
- Cockerham GC**, Lemke S, Rice TA, Cockerham KP, Glynn-Milley C. Ocular injuries, afferent and efferent dysfunctions, and quality of life in Veterans with blast-induced traumatic brain injury. (Paper). EES Symposium on Oculomotor Dysfunction and TBI, Spokane, WA, August 22, 2013.
- Kardon RH, Garvin MK, Wang J, Cockerham K, Anderson SC, Full JM, Lemke S, **Cockerham GC**. Prevalence of structural abnormalities of the retinal nerve fiber layer (RNFL) and ganglion cell layer complex (GCLC) by OCT in veterans with traumatic brain injury (TBI). (Poster). Association for Research in Vision and Ophthalmology, Seattle, WA, May 6, 2013.
- Cockerham GC**, Zumhagen L, Lemke S. Endothelial cell loss in military veterans exposed to combat blast (Poster). Annual Meeting of the American Academy of Ophthalmology, Orlando, FL, Oct 20, 2011.
- Cockerham GC**, Lemke S, Glynn-Milley C, Cockerham KP. TBI and Visual Quality of Life after Blast Exposure in Iraq and Afghanistan (Poster). Fourth Biennial Military Research Symposium on Ocular and Brain Injury. Vision. Schepens Eye Research Institute, Boston, MA, September 26-29, 2010.
- Cockerham GC**, Lemke S, Cockerham KP, Zumhagen L. Saccadic function in subjects with blast-induced TBI (Paper). Eye Movements Section. Association for Research in Vision and Ophthalmology, Fort Lauderdale, FL, May 3, 2011.
- Cockerham GC**, Lemke S, Glynn-Milley CM, Cockerham KP. Visual Quality of Life in Veterans with Traumatic Brain Injury after Combat (Paper). Annual Meeting of the American Academy of Ophthalmology, San Francisco, October 27, 2009.
- Hewes E, **Cockerham GC**. Oculoplastic Damage in Veterans with Blast Induced Brain Injury. American Society of Oculoplastic and Reconstructive Surgeons (Poster). San Francisco, October 22, 2009.
- Zumhagen L, **Cockerham GC**. Morphological Changes of Corneal Endothelial Cells in Patients with Blast-induced Traumatic Brain Injury (Poster). Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 4, 2009.
- Cockerham GC**, Rice TA, Hewes EH, Cockerham KP, Wang GW, Glynn-Milley CM. Ocular and Adnexal Damage in Veterans with Combat Blast-induced Traumatic Brain Injury (Poster). Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 7, 2009.
- Cockerham KP, **Cockerham GC** Visual and Ocular Consequences of Combat Blast-induced TBI. DoD/VA Update. American Academy of Ophthalmology Annual Meeting. Atlanta, GA, November 10, 2008.
- Cockerham GC**. Visual Consequences of Combat TBI. American Society of Ophthalmic Registered Nurses, Bay Area Chapter, Spring Meeting, Palo Alto, CA, April 5, 2008.
- Cockerham GC**, Hidayat AA. Immunohistochemical Profile of Keratocytes and Endothelium in Posterior Polymorphous Corneal Dystrophy (Poster). Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 10, 2007

Ehrlich J, **Cockerham GC**. Immunohistochemical Profiling of Human Fetal Cornea (Poster). Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 8, 2007.

**Cockerham GC**. Update on Medical Cornea. American Society of Ophthalmic Registered Nurses, Bay Area Chapter, Spring Meeting. Palo Alto, CA, April 21, 2007.

Chan I, Dhatt HS, Paterno J, Fisher E, Montague AA, Egbert PR, Singh, K, Mino de Kaspar H, **Cockerham GC**, Ta CN. Prospective Comparison of One-Day vs One-Hours Preoperative Moxifloxacin Prophylaxis for Intraocular Surgeries. Poster. American Academy of Ophthalmology Annual Meeting. Las Vegas, NV. Nov 12-13, 2006.

**Cockerham GC**, Jain A. An Unusual Case of Endophthalmitis (Paper). Wills Ophthalmic Pathology Meeting. April 2006.

**Cockerham GC**. Ophthalmic Manifestations of Common Rheumatologic Conditions. Rheumatology Grand Rounds, Stanford University Medical Center, September 20, 2005.

**Cockerham GC**. Anterior Segment Trauma. Emergency Medicine Grand Rounds. Allegheny General Hospital, September 18, 2003.

**Cockerham GC**. Pathology of the Cornea. Pittsburgh Eye and Ear Infirmary. April, 2003.

**Cockerham GC**. Overview of Uveitis. Glaucoma Cataract Consultants Spring Symposium. Green Tree, Pennsylvania. March 9, 2003.

**Cockerham GC**. Uveitis in Systemic Disease. Internal Medicine Grand Rounds. Allegheny General Hospital. March 5, 2003.

**Cockerham GC**. Pathology of the Conjunctiva. Pittsburgh Eye and Ear Infirmary, Pittsburgh. February 2003.

**Cockerham GC**. Management of Anterior Segment Trauma. Eighth Annual Brook Army Medical Center Trauma Symposium. San Antonio, Texas, August 12, 2002.

Cockerham KP, Hidayat AA, Brown H, **Cockerham GC**. A Clinicopathologic Evaluation of Mueller's Muscle in Thyroid-associated Eye Disease (Poster). Annual meeting of the American Society Oculoplastic and Reconstructive Surgery. New Orleans, Louisiana, 2001.

**Cockerham GC**. Ocular Surface Tumors. Grand Rounds, Pittsburgh Eye and Ear Infirmary, Pittsburgh. December 9, 1999.

**Cockerham GC**, Bijwaard KE, Sheng ZM, Hidayat AA, Sheng ZM, McLean IW. Primary Graft Failure: A Clinicopathologic and Molecular Analysis (Paper). Annual meeting of the American Academy of Ophthalmology, Orlando, Florida, October 1999.

**Cockerham GC**, Hidayat AA. Primary Graft Failure. Biennial AFIP Alumni Pathology Meeting, Washington, D.C., June 18, 1999.

**Cockerham GC**. Orbital and Ocular Adnexal Lymphomas. Grand Rounds, Georgetown University Medical Center, Washington, DC, April 1999.

Cockerham KP, Stutzman RD, **Cockerham GC**, Hidayat AA. The Clinical Spectrum of Schwannomas with Visual Dysfunction (Poster). Annual meeting of the North American Neuro-Ophthalmologic Society, Snowmass, Colorado, March 1999.

**Cockerham GC**. Corneal Graft Failure. Annual meeting of the Society of Air Force Clinical Surgeons, San Antonio, Texas, March 1999. 253.33263

**Cockerham GC**, Hidayat AA, Bijwaard KE, Krafft AE, Sheng ZM. Lymphoproliferative Disorders of the Uvea (Poster). Annual meeting of the American Academy of Ophthalmology, New Orleans, Louisiana, November 1998.

**Cockerham GC**. New Concepts in Lympho-proliferative Disorders of the Orbit and Ocular Adnexa. Annual meeting of the Society of Air Force Clinical Surgeons, San Antonio, Texas, April 1998.

**Cockerham GC**. Corneal Graft Failure. Grand Rounds, Georgetown University Medical Center. Washington, DC, April 1998.

**Cockerham GC**. Conjunctival Flaps; Astigmatism and cataract surgery. Seminar in oculoplastic and corneal surgery, Kanchan Eye Hospital and Research Center, Hyderabad, India, January 1998.

**Cockerham GC.** Lymphoproliferative Diseases of the Ocular Adnexa. Advances in Ocular Oncology Seminar. Massachusetts Eye and Ear Infirmary, Boston, Massachusetts, February 1997.

Roadman CH, Bengtson JM, McGinnis LP, Yurkosky TP, Adams DV, **Cockerham GC.** Theory of Constraints and the U.S. Air Force Medical Service (Poster). APICS Constraints Management Symposium and Technical Exhibit. Phoenix, AZ, April 26, 1995.

### **Course Instruction**

Bay Area Ophthalmology Course, Stanford University, multiple lectures in Ophthalmic Pathology, Cornea and External Disease, Ophthalmic Technology, 2006-2018.

Director, Bay Area Ophthalmology Course. Stanford University. Multiple lectures and laboratories in Cornea and External Disease, Ophthalmic Pathology, Ophthalmic Technology, Phacoemulsification. July 2006-July 2009.

Systematic Approach to Tearing. Instructor. American Academy of Ophthalmology Annual Meeting. Las Vegas, Nevada, Nov 14, 2006.

Practical Rheumatology for the Ophthalmologist: What, When and Why. Senior Instructor. American Academy of Ophthalmology Annual Meeting, Chicago, Illinois, Oct 2005.

The Tearing Patient. Instructor. American Academy of Ophthalmology Annual Meeting, Chicago, Illinois, Oct 2005.

Intensive Cataract Surgical Training Course. Massachusetts Eye and Ear Infirmary. Instructor Harvard Medical School. Boston, Massachusetts, 2005-2006.

A Case-based Approach to Practical Rheumatology. Senior Instructor. American Academy of Ophthalmology, New Orleans, Louisiana, October 2004.

The Lancaster Course in Ophthalmology. Colby College, Maine, 1998-2004. Pathophysiology and Management of Dry Eye. The Cornea in Metabolic Disease. Tumors of the Ocular Surface.

The Management of the Tearing Patient. Instructor. American Academy of Ophthalmology, Anaheim, California, November 2003.

The Kevin Hill Course. Clinical Cornea. Colby College, Maine, July, 2003..

The Management of the Non-infectious Tearing Patient. Instructor. American Academy of Ophthalmology, Orlando, Florida, 2002.

The Management of the Non-Infectious Tearing Patient. Instructor. American Academy of Ophthalmology, New Orleans, Louisiana, November 2001.

Kevin Hill Course, Refractive Surgery, Colby College, Maine, July 2000.

Tri-Service Cataract Course. Bethesda, Maryland, 1993, 1994, 1995, 1998, 1999, 2000.

Tri-Service Ocular Trauma Course. Bethesda, Maryland 1993, 1994.

### **Research History:**

Visual sensory impairments and progression following mild traumatic brain injury. CENC 0056P. DoD/VA Chronic Effects of Neurotrauma Consortium: Neurosensory Component. Site Principal Investigator. 10/1/2015-present.

Visual and Ocular Damage in Blast-Induced Traumatic Brain Injury. Principal Investigator. VA Merit Review Award Grant No C5018R (Rehabilitation Research and Development. 10/1/2007-9/30/2011.

Episcleral Therapy for IED-Related Ophthalmic Injury. Co-Investigator. Applied Research and Advanced Technology Development Award/Department of Defense Grant 10499510 12/31/2010-1/30/2014.

A Hybrid Electrochemical Microstimulator Implant for Denervated Muscles. Co-Investigator, TATRC/Department of Defense Funding Grant PR064623 12/31/2007-1/30/2010.

Orbicularis Oculi Muscle Reanimation in Seventh Nerve Palsy. Co-Investigator. That Man May See Foundation Grant, University of California, San Francisco 10/31/2005-11/1/2007.

Immunohistochemical Profile of Human Corneal Dystrophy. Principal Investigator. VA Palo Alto Health Care System and Stanford Department of Ophthalmology Grant: 9/1/2006-8/30/2008.

## Media Presentations

- Often overlooked, vision loss plagues veterans. John Crawford. *Army Magazine*, 2015, Vol 65, No. 3; <http://www.armymagazine.org/2015/02/25/often-overlooked-vision-loss-plagues-veterans#sthash.fz8P7QJ3.F15h3OZ1.dpbs>.
- West Explosion: Uncounted casualties. Sue Ambrose, Dallas Morning News, [res.dallasnews.com/interactives/2014\\_April/westvignettes/](http://res.dallasnews.com/interactives/2014_April/westvignettes/) April 12, 2014.
- Traumatic brain injury and visual disorders: what every ophthalmologist should know. *Eyenet Magazine*, American Academy of Ophthalmology, San Francisco, CA, April 2014.
- Brain-injured veterans report poor vision-related quality of life. Anne Harding. *Reuters Health*, <http://www.newsdaily.com/article/48d498fe8fcfdd45634e80017d4dfbf2/brain-injured-veterans-report-poor-vision-related-quality-of-life>, October 24, 2013.
- Uncovering hidden eye injuries in wounded warriors. *Eyeworld*. [eyeworld.org/article.php?sid=6126](http://eyeworld.org/article.php?sid=6126). Oct 2011.
- Simple test detects occult eye injury after combat blast. *Medscape Ophthalmology News*, [www.medscape.com](http://www.medscape.com); October 2011.
- VA giving special eye exams to vets with brain injuries. KNTV Television NBC, San Francisco, CA, July 30, 2011. [http://www.nbcbayarea.com/news/local/Vets\\_Survive\\_Roadside\\_Bombs\\_Face\\_Hidden\\_Threat\\_Bay\\_Area-126444958.html](http://www.nbcbayarea.com/news/local/Vets_Survive_Roadside_Bombs_Face_Hidden_Threat_Bay_Area-126444958.html)
- Hidden eye injuries in blast-induced traumatic brain injury. Eye on Vision, WYPL FM Radio, Memphis, TN, June 11, 2011.
- VA doctors solve a medical mystery. NPR National Public Radio, Morning Edition, Nov 11, 2010.
- VA doctors solve a medical mystery. KQED, NPR Radio, Bay Area, Nov 8, 2010. <http://www.kqed.org/quest/blog/2010/11/05/vetsandvision/>
- Research, injury registry, vision center may improve treatment of military ocular trauma. *Ocular Surgery News*. Feb 10, 2010. <http://www.osnsupersite.com/view.aspx?rid=60416>
- VA doctors help war vets cope with eye Injuries. KGO TV, ABC Channel 7, San Francisco, Nov. 3, 2009. <http://abclocal.go.com/kgo/story?section=news/health&id=7099126>
- Quality of life worse for veterans with functional vision problems following TBI. Karla Gale. *Reuters Health*. October 27, 2009.
- Vision loss from combat blast injuries severely affects quality of life. *Medscape*. October 2009.
- Mission critical. *Stanford Magazine*. October 2009. <http://www.stanfordalumni.org/news/magazine/2009/novdec/features/lai.html>
- Occult ocular injuries after combat blast (Webcast). American Society of Cataract and Refractive Surgeons May 2009. <http://ophthalmologyweb.cnp.org/Video/1112/Glenn-Cockerham,-MD-Occult-Eye-Injury-Following-Combat-Blast-Exposure.aspx>.
- Wounds of war: Vision loss from blast trauma. *Eyenet Magazine*. American Academy of Ophthalmology, San Francisco. November/December 2008.
- Blast Injury. Nationwide Polytrauma Videoconference: Polytrauma Grand Rounds, June 6, 2008.
- Blindness becomes bitter legacy for veterans. *Orlando Sentinel*, May 4, 2008.
- Bay Area Iraq War vets face possible blindness. KNTV TV, NBC, San Jose, CA, March 26, 2008.
- New treatments for traumatic eye injuries. *San Francisco Chronicle*, March 9, 2008.
- Clinical Update: The wounds of war: Part two. Soldiers journey home for recovery. *Eyenet Magazine*. American Academy of Ophthalmology, San Francisco. June 2006.
- Refractive Surgery. KDKA Radio, Pittsburgh, PA, 2003.
- Dry eye. KDKA TV, CBS, Pittsburgh, PA, 2003.

**Congressional Appearance**

Witness before House Veterans Affairs Subcommittee on Oversight and Investigations, Traumatic Brain Injury and Vision. Washington DC, April 2, 2008.

**Referee and Reviewer for Peer Reviewed Journals**

*Ophthalmology*

*JAMA Ophthalmology*

*Archives of Ophthalmology*

*Investigational Ophthalmology and Visual Science*

*BJO*

*Experimental Eye Research*

*Optometry and Visual Science*

*Translational Vision Science and Technology*

*Eye*

*Cornea*

*Cochrane Eye and Vision Group Systematic Reviews*

*Journal of Rehabilitation Research Development*

*Journal of Neuropathology and Experimental Neurology*

**Medical Licensure**

California C51248