

CURRICULUM VITAE

Christopher D. Gelston, M.D.

Associate Professor of Ophthalmology
Department of Ophthalmology
University of Colorado School of Medicine
UCHealth Eye Center
1675 Aurora Court, Mail Stop F-731
Aurora, CO 80045

Appointments: 720-848-2020

PREDOCTORAL EDUCATION:

- 1992 – 1996 Undergraduate: Bachelor of Science, Biology – Chemistry
Union College, Schenectady, NY
Cum laude
- 1996 – 1998 Graduate: Master of Arts, Medical Sciences
Boston University School of Medicine, Boston, MA
- 1998 – 2002 Medical: Doctor of Medicine
State University of New York (SUNY) Upstate Medical
University, Syracuse, NY
Alpha Omega Alpha

POSTDOCTORAL TRAINING:

- 2002 – 2003 Internship: Internal Medicine, Department of Internal Medicine,
SUNY Upstate Medical University, Syracuse, NY
- 2003 – 2006 Residency: Ophthalmology, Department of Ophthalmology,
University of Colorado School of Medicine, Aurora, CO
- 2006 – 2007 Fellowship: Cornea, External Disease and Refractive Surgery,
Department of Ophthalmology, University of Colorado
School of Medicine, Aurora, CO

ACADEMIC APPOINTMENTS:

- 2006 – 2007 Instructor, Department of Ophthalmology, University of Colorado School of
Medicine, Aurora, CO
- 2010 – 2017 Assistant Professor, Department of Ophthalmology, University of Colorado
School of Medicine, Aurora, CO
- 2017 – Associate Professor, Department of Ophthalmology, University of Colorado
School of Medicine, Aurora, CO

PROFESSIONAL EXPERIENCE:

- 1996 – 1997 Research Assistant, Department of Neurology, SUNY Upstate Medical University, Syracuse, NY
1997 – 1998 Research Assistant, Department of Neurobiology, Boston University School of Medicine, Boston, MA
2007 – 2008 Private Practice, Kaufman Eye Institute, Zephyrhills, FL
2008 – 2010 Private Practice, Kantor Eye Institute, Sarasota, FL

ADMINISTRATIVE APPOINTMENTS:**Department of Ophthalmology, University of Colorado:**

- 2011 – Residency Selection Committee
2011 – Director, Ophthalmology Grand Rounds
2013 – Chair, Ophthalmology Resident, Fellow, Faculty and Alumni Research Day

HONORS, AWARDS & RECOGNITION:

- 1996 *Cum laude*, Union College
1993 – 1996 Dean's List, Union College
1999 Grand Lodge Education Scholarship, Masons of New York State
1999 Medical Scholarship, Skaneateles High School Alumni
2000 Commendation by the Academic Committee, SUNY Upstate Medical University
2001 *Alpha Omega Alpha* Medical Honor Society
2003 Teaching Intern Award, Internal Medicine, SUNY Upstate Medical University

HOSPITAL STAFF MEMBERSHIP:

- 2006 – 2007, 2010 – University of Colorado Hospital, Aurora, CO
2006 – 2007, 2010 – Denver Health Medical Center, Denver, CO
2006 – 2007, 2010 – Denver Veteran's Affairs Medical Center, Denver, CO
2006 – 2007, 2010 – Children's Hospital Colorado, Aurora, CO
2008 – 2010 Sarasota Memorial Hospital, Sarasota, FL
2008 – 2010 Doctor's Hospital of Sarasota, Sarasota, FL
2011 – 2015 Sterling Regional Medical Center, Sterling, CO

PROFESSIONAL MEMBERSHIP:

- 2002 – American Academy of Ophthalmology (AAO)
2002 – American Society of Cataract and Refractive Surgery (ASCRS)
2002 – 2007, 2010 – Colorado Eye Physicians and Surgeons (CSEPS)

MEDICAL LICENSES:

- 2003 – 2006 Colorado Physician Training License (inactive)
2007 – 2011 Florida Physician License (inactive)
2006 – Colorado Physician License (active)

SPECIALTY BOARD CERTIFICATION:

2008 – 2018 American Board of Ophthalmology

REFRACTIVE SURGERY CREDENTIALS:

- 2007 VISX Excimer Laser System Phototherapeutic Keratectomy (PTK)
- 2007 VISX Excimer Laser System Photorefractive Keratectomy (PRK) for Myopia, Myopic Astigmatism, High Myopia, Hyperopia, Hyperopic Astigmatism
- 2007 VISX Excimer Laser System LASIK for Myopia, Myopic Astigmatism, High Myopia, Hyperopia, Hyperopic Astigmatism, Blend Zone and Mixed Astigmatism
- 2007 CustomVue for Myopia, Myopic Astigmatism, High Myopia, Hyperopia, Hyperopic Astigmatism, Mixed Astigmatism, Fourier Upgrade and Iris Registration

EDITORIAL SERVICES TO SCHOLARLY PUBLICATIONS:

- 2014 – Reviewer, Ophthalmology
- 2014 – Reviewer, Acta Ophthalmologica
- 2015 – Reviewer, American Family Physician

MENTORING ACTIVITIES:**Clinical Fellows:**

- 2010 – 2011 Aaron Waite, MD, Associate Professor, University of Tennessee
- 2011 – 2012 Shawn Richards, MD, private practice, Idaho
- 2012 – 2013 Jamison Engle, MD, private practice, Nevada
- 2013 – 2014 Beeran Meghpara, MD, Clinical Instructor, Wills Eye Hospital, Philadelphia, PA
- 2014 – 2015 William Gensheimer, MD, Capt. USAF, Warfighter Eye Center, JB Andrews, MD
- 2015 – 2016 Jamie Alexander, MD, private practice, Texas
- 2016 – Gregory Brunin, MD

RESEARCH INTERESTS:

- Treatment for ocular surface disease including dry eye and blepharitis
- Quality improvement and outcomes for infectious keratitis
- Collagen cross-linking for keratoconus

PUBLICATIONS (Peer-Reviewed):

1. Payne BR, Lomber SG, **Gelston CD**. Graded sparing of visually-guided orienting following primary visual cortex ablations within the first postnatal month. *Behav Brain Res*. 2000 Dec 20;117(1-2):1-11. PubMed PMID: [11099752](#).
2. **Gelston CD**, Mandava N, Durairaj VD. Orbital foreign body masquerading as conjunctival melanoma 60 years after injury. *Clin Experiment Ophthalmol*. 2005 Dec;33(6):661-3. PubMed PMID: [16402964](#).
3. **Gelston CD**, Olson JL, Mandava N. Macular oedema in central retinal vein occlusion treated with intravitreal triamcinolone. *Acta Ophthalmol Scand*. 2006 Jun;84(3):314-8. PubMed PMID: [16704690](#).
4. **Gelston CD**, Ciardella AP. Neodymium:YAG laser treatment for a premacular haemorrhage in a T cell lymphoblastic lymphoma patient. *Br J Ophthalmol*. 2006 Oct;90(10):1329-30. PubMed PMID: [16980653](#).
5. **Gelston CD**, Durairaj VD, Simoes EA. Rhino-orbital mucormycosis causing cavernous sinus and internal carotid thrombosis treated with posaconazole. *Arch Ophthalmol*. 2007 Jun;125(6):848-9. PubMed PMID: [17563004](#).
6. Korotkin A, Ciardella AP, **Gelston CD**. Retinal pigment epithelial atrophic tracks due to posttraumatic serous leaks. *Can J Ophthalmol*. 2008 Feb;43(1):124. PubMed PMID: [18219359](#).
7. Yao W, Davidson RS, Durairaj VD, **Gelston CD**. Dry eye syndrome: an update in office management. *Am J Med*. 2011 Nov;124(11):1016-8. PubMed PMID: [21944160](#).
8. **Gelston C**, Said S, Durairaj VD. Orbital kaposiform hemangioendothelioma. *Journal of pediatric ophthalmology and strabismus*. 2012;49(3):e1-4.
9. Glazier R, Oliver S, Levi M, **Gelston C**. Successful treatment of *Paecilomyces lilacinus* keratitis and endophthalmitis with penetrating keratoplasty, pars plana vitrectomy, intravitreal and oral voriconazole. *J Clin Exp Ophthalmol*. 2012;3:253.
10. **Gelston CD**. Common eye emergencies. *Am Fam Physician*. 2013 Oct 15;88(8):515-9. PubMed PMID: [24364572](#).
11. Smith JM, Olson JL, **Gelston CD**. A 60-year-old Antimony Intraocular Foreign Body with an Intact Electroretinogram. Accepted for publication in *Ophthalmology*, 2016.

CHAPTERS (invited):

1. Durairaj VD, **Gelston CD**. Proptosis in Childhood. *Ophthalmology: Clinical and Surgical Principles*. 1st ed. Ed. Probst LE, Tsai JH, Goodman G. Thorofare, NJ: Slack, Inc; 2011. 180-181.

LECTURES (invited):

1. **Gelston CD**, Treatment Options to Improve Visual Outcomes and Patient Satisfaction after Cataract Surgery. Grand Rounds, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. February 2011.
2. **Gelston CD**, Corneal Crosslinking. 15th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Aurora, CO. October 2011.
3. **Gelston CD**, Ophthalmic Problems in Primary Care Practice. 59th Summer Family Medicine Review Conference, University of Colorado, Estes Park, CO. June 2012.
4. **Gelston CD**, Evaluating Cholesterol Levels in Patients with Meibomian Gland Dysfunction. 16th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Aurora, CO. October 2012.
5. **Gelston CD**, Ophthalmic Problems in Primary Care Practice. 59th Fall Family Medicine Review Conference. University of Colorado, Aurora, CO. November 2012.
6. **Gelston CD**, Infectious Keratitis: Etiology and Trends at the Rocky Mountain Lions Eye Institute from 2006-13. 17th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Aurora, CO. October 2013.
7. **Gelston CD**, Intraocular Lens Decision Making. 18th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Aurora, CO. September 2014.
8. **Gelston CD**, Intraocular Lens Decision Making. American Society of Cataract and Refractive Surgery (ASCRS) – Technicians and Nurses meeting, San Diego, CA. April 2015.
9. **Gelston CD**, Cornea and Cataract Case Presentations. 19th Annual Ophthalmology Symposium, University of Colorado School of Medicine, Aurora, CO. September 2015.

CLASSROOM INSTRUCTIONAL ACTIVITIES, DIDACTIC TEACHING:

1. **Gelston CD**, Corneal Dystrophies. Ophthalmology Resident Seminar, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. March 2004.
2. **Gelston CD**, Management of Malignant Eyelid Lesions. Ophthalmology Resident Seminar, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. June 2005.
3. **Gelston CD**, Intraocular Lenses: Past, Present and Future. Ophthalmology Resident Seminar, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. March 2006.

4. **Gelston CD**, Descemet's Stripping Automated Endothelial Keratoplasty. Corneal Fellow Seminar, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. May 2007.
5. **Gelston CD**, Immune Mediated Disorders of the External Eye and External Disease Neoplasms. Resident Basic Science Series, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. September 2011.
6. **Gelston CD**, Foundations of Doctoring. Second year medical students, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. October 2011.
7. **Gelston CD**, Introduction to Ophthalmology: Anatomy, the Red Eye and Cataracts. Second year medical students, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. September 2012.
8. **Gelston CD**, Management of Ophthalmic Disease in the Primary Care Setting. Second year family practice residents, Department of Ophthalmology, University of Colorado School of Medicine, Aurora, CO. September 2013.

POSTER/PAPERS

1. **Gelston CD**. Graded Sparing of Visual Guided Orienting in Cats Given Lesions of Primary Visual Cortex During the First Postnatal Month. Master of Arts Thesis, Boston University, 1998. [thesis]
2. **Gelston CD** and Durairaj VD. Ocular Tumors. Tour of Hope, University of Colorado, October 2004. [poster]
3. **Gelston CD**, Taravella, MJ, Davidson, RS. Nomogram to Predict Wavefront-guided LASIK Ablation Depth. American Society of Cataract and Refractive Surgery (ASCRS) Meeting, San Diego, CA, April 2007. [poster 268]
4. **Gelston CD**. Evaluating Cholesterol Levels in Patients with Meibomian Gland Dysfunction. American Society of Cataract and Refractive Surgery (ASCRS) Meeting, San Francisco, CA, April 2013. [poster]

COMMUNITY SERVICE:

- 2013 – Volunteer, Swigert International School, Denver, CO
 2014 – Head Coach, National Youth Flag Football League, Denver, CO