

CURRICULUM VITAE

Darren G. Gregory, M.D.

Associate Professor, Ophthalmology

University of Colorado School of Medicine

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Aurora, Colorado 80045

Appointments : 720-848-2020

FOREIGN LANGUAGES:

Spanish (Conversational Fluency)

PREDOCTORAL EDUCATION:

Pre-medical: Texas Christian University, Ft. Worth, TX (1986-1990)

Medical: University of Texas Southwestern Medical School, Dallas, TX (1991-1995)

POSTDOCTORAL TRAINING:

Internship: Transitional Year, Presbyterian / St. Luke's Hospital, Denver, CO (1995-1996)

Residency: University of Colorado, Department of Ophthalmology, Denver, CO (1998-2001)

Fellowship: Cornea and Anterior Segment Surgery, University of Colorado, Department of Ophthalmology, Denver, CO (2002-2003)

MEDICAL SCHOOL APPOINTMENTS:

2002 – 2003 Instructor of Ophthalmology, Rocky Mountain Lions Eye Institute, University of Colorado, Denver, Colorado

2003 – 2009 Assistant Professor of Ophthalmology, Rocky Mountain Lions Eye Institute, University of Colorado, Denver, Colorado

2009 – present Associate Professor of Ophthalmology, Rocky Mountain Lions Eye Institute, University of Colorado, Denver, Colorado

OTHER PROFESSIONAL POSITIONS:

2004 – present Section Chief of Ophthalmology, Denver Veteran's Administration Medical Center

2009 – present Residency Program Director, Department of Ophthalmology

HONORS AND AWARDS:

- Phi Beta Kappa
- Alpha Omega Alpha
- Paul Kayser International Fellowship awarded by Pan-American Association of Ophthalmology

HONORARY SOCIETIES:

2002 Diplomat, American Board of Ophthalmology

PROFESSIONAL ORGANIZATIONS:

1998 – American Academy of Ophthalmology

1998 – American Society of Cataract and Refractive Surgeons

2004 – Pan American Association of Ophthalmology
Chairman, Alumni Committee 2004
2005 – Colorado Medical Society
2007 – Tear Film and Ocular Surface Society
2008 – International Ocular Surface Society
2008 – Contact Lens Association of Ophthalmologists
2008 – Cornea Society

ADMINISTRATION/UNIVERSITY SERVICE: (continue to present unless specified)

Departmental:

2003 – Clinical Committee, Department of Ophthalmology, UCHSC
2003 – Quality Assurance Committee, Department of Ophthalmology, UCHSC
2003 – Residency Selection Committee, Department of Ophthalmology, UCHSC
2003 – Clinical Faculty Promotions Committee, Department of Ophthalmology, UCHSC
2004 – Chair Resident Selection Committee, Department of Ophthalmology, UCHSC
2004 – 2008 9 News Health Fair, Eye Exam Section Coordinator
2007 – Course Director, Fundamentals of Ophthalmology (8 part lecture series)
2010 – Chair Faculty Affairs Committee, Department of Ophthalmology, University of Colorado
2010 – Chair Education Committee, Department of Ophthalmology, University of Colorado

University:

2004 – 2009 Colorado Multiple Institution Review Board (COMIRB), panel member and consultant
2009 – GME Task Force on Transition of Care
2010 – Assistant Reviewer Pediatric Otolaryngology Fellowship GME interim review, Feb 2010
2010 – University Task Force on Emergency Room Consultation Policies
2011 – Reviewer

Regional:

2003 – Protocol for Prevention of Exposure Keratopathy in Intensive Care Unit Patients. Developed for use by hospitals associated with the Rocky Mountain Lions Eye Bank

LICENSURE:

1995 – Colorado

BOARD CERTIFICATION:

2002 – Diplomate, American Board of Ophthalmology

HOUSESTAFF LECTURES:

1. “Lens anatomy and physiology” for UCHSC Ophthalmology Basic Science Course, December 2, 2002. Denver, CO.
2. “Congenital lens anomalies” for UCHSC Ophthalmology Basic Science Course, December 9, 2002. Denver, CO.
3. “Cataract formation” for UCHSC Ophthalmology Basic Science Course, January 6, 2003. Denver, CO.
4. “Cataract surgical techniques” for UCHSC Ophthalmology Basic Science Course, January 13, 2003. Denver, CO.
5. “Cornea anatomy and physiology” for UCHSC Ophthalmology Basic Science Course, January 27, 2003. Denver, CO.
6. “Myopic Lasik by Housestaff” for UCHSC Ophthalmology Resident/Alumni Research Day, June 7, 2003. Denver, CO.
7. “Phacodynamics” for Alcon Surgical Wetlab, October 2, 2003. Denver, CO.
8. “Pterygium excision using fibrin glue”, October 14, 2003, Elias Santana Hospital, Santo

- Domingo, Dominican Republic.
9. Resident Journal Club, November 4, 2003.
 10. "Topographic features of the eye", September 20, 2004. Denver, CO.
 11. Resident Journal Club, August 12, 2004.
 12. Resident Journal Club, January 17, 2006.
 13. "Anterior ophthalmic anatomy" for UC Denver Ophthalmology Basic Science Course, October 22, 2007. Denver, CO.
 14. "Anterior ophthalmic physiology" for UC Denver Ophthalmology Basic Science Course, October 29, 2007. Denver, CO.
 15. Resident Journal Club, February 26, 2008.
 16. Alcon Surgical Wetlab. Proctor. Ft. Worth. Aug 16, 2008.
 17. Bilateral Descemetocoeles in Stevens-Johnson Syndrome. May 13, 2009.
 18. "Anterior ophthalmic anatomy" for UC Denver Ophthalmology Basic Science Course, August 10, 2009. Denver, CO.
 19. Evaluation and Management of Conjunctival Tumors, August 20, 2010.

INTERDEPARTMENTAL LECTURES:

1. Developing World Eyecare. Symposium on International Medicine, University of Colorado School of Medicine. November 15, 2005
2. Developing World Eyecare. Symposium on International Medicine, University of Colorado School of Medicine. November 15, 2006
3. Global Blindness. Symposium on International Medicine, University of Colorado School of Medicine. November 15, 2007
4. Global Blindness. Symposium on International Medicine, University of Colorado School of Medicine. October 20, 2008
5. Global Blindness. Symposium on International Medicine, University of Colorado School of Medicine. October 26, 2009
6. Global Blindness. Symposium on International Medicine, University of Colorado School of Medicine. November 1, 2010
7. The Ophthalmologic Management of Acute Stevens-Johnson Syndrome. Multidisciplinary Trauma Lecture Series, the Children's Hospital of Colorado, June 20, 2011

REGIONAL LECTURES:

1. Eyecare in the ICU. 8th Annual Ophthalmology Symposium- Rocky Mountain Lions Eye Institute. September 11, 2005
2. Complications of Pterygium Surgery. 9th Annual Ophthalmology Symposium- Rocky Mountain Lions Eye Institute. September 24, 2005
3. Sub-tenon's Anesthesia in Anterior Segment Surgery. 10th Annual Ophthalmology Symposium- Rocky Mountain Lions Eye Institute. September 23, 2006
4. Dry Eye- The Basics. Symposium- Ophthalmology for the Primary Care Provider. April 21, 2007.
5. Dry Eye Treatments You May Not Have Considered. 11th Annual Ophthalmology Symposium- Rocky Mountain Lions Eye Institute. October 19, 2007.
6. Global Blindness. Grand Rounds- Rocky Mountain Lions Eye Institute. March 7, 2008.
7. Dry Eye- The Basics. 2nd Annual Ophthalmology for the Primary Care Provider Symposium. May 10, 2008
8. Stevens-Johnson Syndrome- Things You Need to Know. 12th Annual Ophthalmology Symposium- Rocky Mountain Lions Eye Institute. September 19, 2008.
9. Ocular Surface Uses of Amniotic Membrane. 13th Annual Ophthalmology Symposium- Rocky Mountain Lions Eye Institute. September 18, 2009.
10. The Boston Ocular Surface Prosthesis. 14th Annual Ophthalmology Symposium- Rocky Mountain Lions Eye Institute. October 2, 2010.

11. Recurrent Pterygium: Prevention and Treatment. 15th Annual Ophthalmology Symposium-Rocky Mountain Lions Eye Institute. October 15, 2011.

NATIONAL/INTERNATIONAL COURSES:

1. Refractive Surgical Nightmares: Recognition, Prevention and Management. Course Panelist, American Academy of Ophthalmology Annual Meeting. Anaheim. November 17, 2003.
2. **Gregory DG**. Ophthalmic Uses of Fibrin Glue. American Society of Cataract and Refractive Surgeons Annual Meeting. Washington DC. April 16, 2005.
3. **Gregory DG**. Ophthalmic Uses of Fibrin Glue. American Society of Cataract and Refractive Surgeons Annual Meeting. San Francisco. March 20, 2006.
4. **Gregory DG**, Kahook M. Use of Fibrin Glue in Ocular Surface and Glaucoma Surgery. American Academy of Ophthalmology Annual Meeting. New Orleans. November 12, 2007.
5. **Gregory DG**, Demartelaere SL, Jacobs DS, Johnson AJ. Emerging Treatment Options in Severe Dry Eye and Ocular Surface Disease. American Academy of Ophthalmology Annual Meeting. San Francisco. October 26, 2009.
6. **Gregory DG**, Tseng SC, Meller D. Ocular Surface Uses of Amniotic Membrane. World Ophthalmology Congress. Berlin, Germany. June 5, 2010.
7. **Gregory DG**, Demartelaere SL, Jacobs DS, Johnson AJ. Emerging Treatment Options in Severe Dry Eye and Ocular Surface Disease. American Academy of Ophthalmology Annual Meeting. Chicago. October 19, 2010.

INVITED LECTURES:

1. "Nuevas Técnicas Quirúrgicas en la Excisión del Pterigión" Pan American Association of Ophthalmology Regional Course, June 24, 2004. Santo Domingo, Dominican Republic
2. "Uso del Cianocrilato en Oftalmología" Pan American Association of Ophthalmology Regional Course, June 24, 2004. Santo Domingo, Dominican Republic
3. "El Manejo del Colgajo Corneal Operculado Durante el Paso del Microquerátomo" Pan American Association of Ophthalmology Regional Course, June 24, 2004. Santo Domingo, Dominican Republic
4. Sub-tenon's Anesthesia in Anterior Segment Surgery. Alcon Surgical Wetlab. Ft. Worth. Aug 16, 2008.
5. The Ophthalmologic Management of Acute Stevens-Johnson Syndrome. 27th Biennial Cornea Conference, Harvard University, Boston, September 30, 2011.

PUBLICATIONS (peer reviewed):

1. **Gregory DG**, Pelak VS, Bennett JL. Diffusion-weighted magnetic resonance imaging and the evaluation of cortical blindness in preeclampsia. *Surv Ophthalmol*. Nov-Dec 2003;48(6):647-50. PMID: 14609710
2. Davidson RS, **Gregory DG**, Taravella MJ. The Use of Fibrin Glue in Pterygium Surgery. *Vision Panamerica* 2005, 4(1).
3. Prall R, Mandava N, Drack A, Olson J, **Gregory DG**, Taylor M, Ku L. Ophthalmic Manifestations of Danon Disease. *Ophthalmology*. June 2006;113(6):1010-3. PMID: 16751040
4. Davidson RS, Erlanger M, Taravella MJ, **Gregory DG**, Durairaj VD. Conjunctival Pedicle Flap for Repair of Severe Necrotizing Scleritis. *Cornea*. Feb 2007;26(2):235-7. PMID: 17251823
5. **Gregory DG**. The Ophthalmologic Management of Acute Stevens-Johnson Syndrome. *The Ocular Surface*. April 2008; 6(2):87-95. PMID: 18418506

6. Shay E, Kheirkhah A, Liang L, Sheha H, **Gregory DG**, Tseng SC. Amniotic Membrane Transplantation as a New Therapy for the Acute Ocular Manifestations of Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis. *Survey of Ophthalmology* 2009, 54(6):686-696. PMID: 19699503
7. **Gregory DG**. Acute Stevens-Johnson Syndrome: Ophthalmologic Evaluation and Management. *Vision Panamerica* 2010, 9(2):35-8.
8. Fu Y, **Gregory DG**, Sippel KC, Bouchard CS, Tseng SC. The Ophthalmologist's Role in the Management of Acute Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis. *The Ocular Surface*. 2010, 8(4):193-203. PMID: 20964982
9. **Gregory DG**. Treatment of acute Stevens-Johnson syndrome and toxic epidermal necrolysis using amniotic membrane: a review of 10 consecutive cases. *Ophthalmology*. 2011 May;118(5):908-14. PMID: 21440941
10. Taravella MJ, Davidson R, Erlanger M, Guiton G, **Gregory D**. Characterizing the learning curve in phacoemulsification. *J Cataract Refract Surg*. 2011 Jun;37(6):1069-75. PMID: 21596249
11. Sniegowski MC, Kelmenson A, **Gregory DG**, Durairaj VD. Small-incision, sutureless repair of subconjunctival fat prolapse. *Ophthal Plast Reconstr Surg*. 2012 May-Jun;28(3):221-3. PMID: 22460680
12. Ciralsky JB, Sippel KC, **Gregory DG**. Current ophthalmologic treatment strategies for acute and chronic Stevens-Johnson syndrome and toxic epidermal necrolysis. *Curr Opin Ophthalmol*. 2013 Jul;24(4):321-8. PMID: 23680755
13. Taravella MJ, Davidson R, Erlanger M, Guiton G, Gregory D. Time and cost of teaching cataract surgery. *J Cataract Refract Surg* 2014 Feb;40(2):212-6. PMID 24461498
14. Bratton EM, Knutsen-Larson S, Durairaj VD, **Gregory DG**, Mellette JR. Combination topical therapy for conjunctival primary acquired melanosis with atypia and periocular lentigo maligna. *Cornea*. 2015 Jan;24(1):90-3. PMID: 25393090

PUBLICATIONS (non-peer reviewed):

1. Experience May Be Best Teacher for Hands-On Learning. *Ophthalmology Times*, November 1, 2003.
2. Lack of ICU Eye Care Protocols Endanger Vision. *Second Sight- Critical Care Edition*. Rocky Mountain Lions Eye Bank. Spring 2003.
3. Eye Institute Develops ICU Eyecare Protocol. *CU Medicine Today*, Spring 2004
4. Fibrin Glue a Solid Alternative to Ocular Sutures. *Eye World News*, March 2005
5. New Advances in Cornea and External Disease. *Visions- Rocky Mountain Lions Eye Institute*. Fall/Winter 2007.
6. Stevens-Johnson Syndrome Foundation Newsletter- Update on the Treatment of Acute Stevens-Johnson Syndrome Using Amniotic Membrane. May 2008.
7. Amniotic Membrane for Acute Stevens-Johnson Syndrome. *EyeNet Clinical Update*. July/August 2008

POSTERS (National and International) :

1. **Gregory DG**, Pelak VS, Bennett JL. Cortical blindness during pregnancy : Role of diffusion-weighted MRI. North American Neuro-Ophthalmology Society Annual Meeting. Mont

- Tremblant, Canada. March 29, 2000.
2. Davidson RS, Erlanger M, Taravella MJ, **Gregory DG**, Durairaj VD. Conjunctival Pedicle Flap for Repair of Severe Necrotizing Scleritis. American Academy of Ophthalmology Annual Meeting. Chicago. October 2005
 3. Nguyen L, Davidson RS, **Gregory DG**, Mackenzie D, Taravella MJ. Incidence of Elevated Intraocular Pressure After Phacoemulsification at an Academic Institution Based on Quality Assurance Data. American Society of Cataract and Refractive Surgeons Annual Meeting. San Francisco. April 2006
 4. Prall R, Mandava N, Drack A, Olson J, **Gregory DG**, Taylor M, Ku L. Ophthalmic Manifestations of Danon Disease. American Association of Pediatric Ophthalmology and Strabismus Annual Meeting. April 2006
 5. **Gregory DG**. Prevention of Exposure Keratopathy in Intensive Care Units. 5th International Conference on the Tear Film and Ocular Surface. Taormina, Italy. September 5, 2007.
 6. **Gregory DG**. Amniotic Membrane Transplantation for the Treatment of Acute Stevens-Johnson Syndrome. American Academy of Ophthalmology Annual Meeting. Atlanta. November 8, 2008.
 7. **Gregory DG**. Amniotic Membrane Transplantation for the Treatment of Acute Stevens-Johnson Syndrome. 6th International Conference of the Tear Film and Ocular Surface Society. Florence, Italy. Sept 24, 2010.

ORAL PAPER PRESENTATIONS (National and International):

1. **Gregory DG**, Taravella MJ. Postoperative Glare in a Silicone Versus an Acrylic IOL. American Society of Cataract and Refractive Surgeons Annual Meeting. Boston. May 5, 2000.
2. **Gregory DG**, Taravella MJ, Davidson RS. Myopic Lasik by Housestaff: Intraoperative Complications and Early Postoperative Outcomes. American Society of Cataract and Refractive Surgeons Annual Meeting. San Francisco. April 28, 2003.
3. **Gregory DG**, Taravella MJ, Davidson RS. Recurrence Rate Following Pterygium Excision Using A Conjunctival Autograft Fixated with Fibrin Glue. American Society of Cataract and Refractive Surgeons Annual Meeting. Washington DC. April 15, 2005.
4. **Gregory DG**. Sub-Tenon's Injection of Local Anesthesia in Resident Cataract Surgery. American Society of Cataract and Refractive Surgeons Annual Meeting. San Diego. April 30, 2007.
5. **Gregory DG**. Amniotic Membrane for the Treatment of Acute Stevens-Johnson Syndrome. International Ocular Surface Society 11th Annual Meeting. Fort Lauderdale. April 26, 2008.
6. **Gregory DG**. Amniotic Membrane Transplantation for the Treatment of Acute Stevens-Johnson Syndrome. Cornea Society Annual Meeting. Atlanta. November 7, 2008.
7. **Gregory DG**. Bilateral Descemetocelles in Stevens-Johnson Syndrome. International Ocular Surface Society 12th Annual Meeting. Fort Lauderdale. May 2, 2009.
8. **Gregory DG**. Stevens-Johnson Syndrome: A New Grading System for the Acute Ocular Manifestations. 6th World Cornea Congress. Boston. April 8, 2010.
9. **Gregory DG**. Stevens-Johnson Syndrome: A New Grading System for the Acute Ocular Manifestations. International Ocular Surface Society 13th Annual Meeting. Fort Lauderdale. May 1, 2010.

VIDEO PRESENTATIONS:

1. **Gregory DG**, Taravella MJ, Davidson RS. Pterygium Excision with Conjunctival Autograft Fixated with Fibrin Glue. American Academy of Ophthalmology Annual Meeting. New Orleans. October 2004

LOCAL PAPER PRESENTATIONS :

1. **Gregory DG.** Postoperative Glare in a Silicone Versus an Acrylic IOL. UCHSC Ophthalmology Resident/Alumni Research Day, Denver CO. June 3, 2000.
2. **Gregory DG.** Histopathology of Porous Polyethelene Orbital Implants Explanted Secondary to Chronic Exposure. UCHSC Ophthalmology Resident/Alumni Research Day, June 2, 2001. Denver, CO
3. **Gregory DG.** Myopic Lasik by Housetaff: Intraoperative Complications and Early Postoperative Outcomes. UCHSC Ophthalmology Resident/Alumni Research Day. June 2003.
4. **Gregory DG.** Recurrence Rate Following Pterygium Excision Using A Conjunctival Autograft Fixated with Fibrin Glue. UCHSC Ophthalmology Resident/Alumni Research Day. June 2005.
5. **Gregory DG.** Subtenon's Injection of Local Anesthesia in Resident Cataract Surgery. UCHSC Resident/Alumni Research Day. June 17, 2006
6. **Gregory DG.** Amniotic Membrane for the Treatment of Acute Stevens-Johnson Syndrome. University of Colorado 12th Annual Ophthalmology Residency Research Day. June 21, 2008.
7. **Gregory DG.** Stevens-Johnson Syndrome: A New Grading System for the Acute Ocular Manifestations. University of Colorado 13th Annual Ophthalmology Residency Research Day. June 19, 2010.