

Curriculum Vitae

Adam C. Reynolds, MD

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Start date 8-21-2006

Education

MD, *University of Washington School of Medicine*
Seattle, Washington, September 1991-June 1995

BSN, *Washington State University*
-Spokane, Washington, September 1983 -June 1985
-Summa Cum Laude Graduate

BA, *Western Washington University*
Bellingham, Washington, September 1979 -June 1982
Major: Biology. Minor: Chemistry.
-Cum Laude Graduate

Internship, Residency, Fellowship

Glaucoma Fellowship, University of Oklahoma,
Oklahoma City, Oklahoma, Dean A. McGee Eye Institute
Greg Skuta MD. July 1999-July 2000.

Ophthalmology Residency, University of Washington
Seattle, Washington, July 1996-June 1999.

Medicine Internship, University of Washington
Seattle, Washington, June 1995-July 1996

Professional Activities and Appointments

American Academy of Ophthalmology: Abstract and poster reviewer for annual meetings. Panel moderator, ONE network. 2005-current.

Subcommittee chairman for coding and terminology. American Glaucoma Society. 2006-present.

Glaucoma committee for the American Society of Cataract and Refractive Surgeons (ASCRS). 2005-current.

ASCRS annual meeting abstract review for glaucoma interventional and medical treatment. 2007-current.

Article and research reviewer for *Review of Ophthalmology*, *Glaucoma Today*, *American Journal of Cataract and Refractive Surgery*. Special emphasis on glaucoma surgical innovation and adjunctive medical glaucoma treatment.

Institutional Review Board (IRB), University of Oklahoma, Sept. 2000- April 2001

Examiner for American Board of Ophthalmology. Oral examinations San Francisco June 2006

SIT glaucoma research discussion group and publication, ONE network. American Academy of Ophthalmology website. AAO.org. Jeff Liebmann director. 2004-current

Compensation review Committee for the McGee Eye Institute, August 2001-2006.

Professional Standards Committee. Surgicare Ambulatory Surgery Center. 2002-2006.

Academic Appointments

Assistant Clinical Professor, Dean A. McGee Eye Institute, Department of Ophthalmology, University of Oklahoma College of Medicine, Oklahoma City, Oklahoma, 2000-2006

Glaucoma Consultant, Veterans Affairs Medical Center, Oklahoma City, 2000-2006

Chairman, Clinical Care Committee. Dean A. McGee Eye Institute, 2001-2006. Functions as the forum for clinic patient care issues including capital expenditures for a large academic ophthalmology department.

Co-chairman, Young Presidents Organization presentation for the Dean A. McGee Eye Institute. March 30th 2005

Chairman and program director. Residents day Dean A. McGee Eye Institute department of ophthalmology. 2005.

Honors and Awards

Achievement Award, American Academy of Ophthalmology, 2009.

Secretariat Award, American Academy of Ophthalmology, 2007.

Graduate with honors in Medicine, University of Washington School of Medicine, 1995.

Alpha Omega Alpha, June 1994.

Veterans Administration attending ophthalmologist of the year. University of Oklahoma department of Ophthalmology. 2002, 2005.

Invited Presentations

“Innovation in Glaucoma Surgery: The State of the Art” Grand Rounds, Moran Eye Institute University of Utah, September 2009.

“Trends and Challenges in Glaucoma Care. The next decade” American Eye Study Club, Colorado Springs, July 2009.

“Psychophysiologic testing for glaucoma: new developments and the future” and “Evidence for efficacy of ECP combined with cataract surgery” ASRS glaucoma day. San Francisco, April 2009.

“Current management and recommendations for monitoring and treatment of diabetic eye disease” CME lectures for clinicians. St. Al’s and St. Luke’s hospitals, Boise Idaho. October 2008.

“Beautifying the dinosaur, a safer trabeculectomy? Use of Express glaucoma shunt in complex trabeculectomy” Canadian Ophthalmology Society, June 2008, Whistler Canada.

“Progression of glaucoma. How can you be (more) sure?” and “Evidence based analysis of diurnal IOP variation as an independent risk factor for glaucoma progression.” ASCRS, Chicago, March 2008.

“Canaloplasty with internal suture tensioning of the canal of Schlemm: introduction, technique, results” University of Michigan, February 2008.

“Optic nerve imaging, visual field assessment and cataracts” ASCRS Winter update. Cancun Mexico, 2008.

“Current research and clinical impressions on the Express glaucoma microshunt”. AAO, New Orleans, 2007.

“Blebless Glaucoma Surgery. How Close Are We?” American Eye Study Club, Beaver Creek CO. 2007

“Update for implant device technologies for glaucoma surgery”. Glaucoma day, ASCRS March 2007, Dan Diego.

“Intraocular pressure variations: New implications for risk of progression and management”. March 2007 Glaucoma day ASCRS San Diego, and University of Washington Alumni Day Seattle, June 2007

“Tube vs. Trabeculectomy Study: One Year Results.” International Glaucoma Surgery Congress, Toronto 2006

“New Diagnostic Modalities in Glaucoma: Functional and Structural Optic Nerve Analysis”, Annual Ophthalmic Technicians Meeting, Oklahoma City, 2006

“Issues in Glaucoma You Do Not Want to Miss”, and “New Diagnostic Technologies in Glaucoma: What Might be Right For You”. National meeting of Indian Health Services Eye Care Professionals. Fullerton Ca. May 2006.

“Advances in Glaucoma Tube Shunt Surgery including Results of the Tube vs. Trab study (TVT)” ASCRS glaucoma day and surgical symposium. San Francisco, March 2006

“Advances in Glaucoma Surgical Technology” South African Eye Institute. Pretoria South Africa, March 2006

“Medical Treatment of Glaucoma, Important Information for Our Pharmacists” Oklahoma State Pharmacists Society, November 2005.

“Primary Glaucoma Surgery. Where are we Going” American Eye Study Club, Santa Fe New Mexico, August 2005.

“Issues and Connections: Internal Medicine, Primary care, and Glaucoma”, Internal medicine and primary care residency conference. University of Oklahoma, August 2005.

“Glaucoma gems: current topics of interest to general ophthalmologists.” Christian Ophthalmology Society. Oklahoma city July 2005.

“Practical use of nerve fiber layer analysis in the glaucoma clinic” Missouri academy of ophthalmology annual meeting June 2005.

“Which Antifibrosis Therapy is superior for Bleb Needling: MMC or 5-FU?” Subspecialty day. American Academy of Ophthalmology, October 2004, New Orleans.

“Glaucoma, Beyond lowering pressure: Neuroprotection” Foundation for Neuroscience Research, Neuronight lecture series. Oklahoma City February 18th 2003.

Pakistani Ophthalmology Society. “Hot Topics in Glaucoma” American Academy of Ophthalmology November 15th 2003, Orlando FL.

“New Concepts in the Diagnosis and Management of Glaucoma” ongoing lecture series

Tulsa Oklahoma Dec. 9th 2003. Shreveport and Baton Rouge Louisiana Jan 27th and 28th 2004. San Antonio Ophthalmology Society Feb. 19th 2004.

“AGIS, CIGTS, OHTS, EMGT, IOP and you. NEI Trials in Glaucoma”. October 7th 2003, El Paso, Texas.

“Current trends and changes in Initial Monotherapy selection in Glaucoma”. October 9th 2003, Seattle Washington

“Innovation in Glaucoma Surgery. Where Do We Go From Here. Is the Aqua Flow an Answer?” May 16th 2003. Chicago Glaucoma Society.

New perspectives on POAG diagnosis and management. Approaches to atypical glaucomas. May 20th 2002, Biannual conference for I.H.S. and Armed Services Ophthalmology, Fullerton CA.

Christian Ophthalmology Society. Annual Meeting, July 31, 2000 “Current Developments and the Future of Glaucoma Surgery.”

Lubbock Ophthalmology Society. October 9, 2001. “Current Perspectives on Low Tension Glaucoma.

Starr marketing personnel annual meeting at the American Academy of Ophthalmology 2002 Orlando FL, “The Aqua Flow Glaucoma Drainage Device: A Glaucoma Subspecialist’s Perspective”.

Educational Activities

Co-Fellowship Director. University of Oklahoma, Dean A. McGee Eye Institute. 2000-2006. Director Dr. Greg Skuta.

Basic Science Residency Training Lectures. On-going three-year cycle of lectures covering all major topics in Glaucoma. University of Oklahoma Department of Ophthalmology. Co-managed with Dr. Greg Skuta. These responsibilities also included directing clinical rotations of the residents, medical students, and interns rotating at the Dean A. McGee eye Institute. Dr. Cindy Bradford and Dr. Scott Sigler residency director 1997-2004. Dr. James Chodosh 2005-2006.

Breakfast with the experts. American Academy of Ophthalmology annual meetings. 2002 Orlando FL, 2004 New Orleans. “The Practical Use of Nerve Fiber Layer Analysis in the Glaucoma Clinic.”

Basic Science Course 2002, 2003, 2004 and ongoing. Baylor University, Houston Texas. February 7, 2002 and Feb 9 2003. “Current Perspectives on Pediatric Glaucoma and Aqueous Fluid Production and Dynamics”, Feb 8th 2004 “The Angle Closure Glaucomas” Dr. Robert Feldman director.

Glaucoma educational series. June 1-5, 2004. Szechwan Provencal hospital, Department of Ophthalmology. Chungdu, China.

Publications and Abstracts

Reynolds AC, Feldman R. Specific complications related to trabeculotomy in adults. In *Complications of Glaucoma Surgery*. Robert Fellman editor. 2009, (in print).

A Reynolds: Alpha Agonists. In: *Glaucoma*. First addition. Tereck Sharaway editor. 2009, (in print).

Reynolds AC. 360-degree trabeculotomy for congenital glaucoma. Challenging case series. *Glaucoma Today*. Jan/Feb, 2009.

Reynolds AC. Commentary of the use the Express micro-shunt in glaucoma surgery. *Glaucoma Today*. June/July, 2009.

Reynolds AC, Debry P. Use of the i-track canaloplasty cannula in 360 degree trabeculotomy ab-externo in infantile congenital glaucoma. American Glaucoma Society, Washington DC, March 2008.

Sharpe ED, **Reynolds AC**, Skuta GL, Jenkins JN, Stewart WC. The clinical impact and incidence of periocular pigmentation associated with either Latanoprost or Bimatoprost therapy. *Curr Eye Res*. 2007 Dec;32(12): 1037-43.

Feldman RM, Tanna AP, Gross RL, Chuang AS, Baker L, **Reynolds AC**, Prager TC, Comparison of the ocular hypotensive efficacy of adjunctive brimonidine 0.15% or brinzolamide 1% in combination with travoprost 0.004%. *Ophthalmology* 2007;114:1248-1254.

A Reynolds, G Skuta: Current trends and challenges in glaucoma care. Focal Points, American Academy of Ophthalmology, June 2008.

B. Welcome, G Skuta, **A Reynolds:** Laser bleb reduction for bleb dissection with krypton green laser: technique and outcomes. *J Glaucoma*. 2006 Apr;15(2):158-63.

A Reynolds: Ocular Hypertension In, *Ocular Therapy* F. Fraunfelder and F. Fraunfelder editors. 6th edition. 2005,

A Reynolds, G Skuta: Clinical Perspectives on Glaucoma Filtering Surgery: Antiproliferative Agents. In, *Glaucoma Diagnosis and Management*. Jeffrey M. Liebmann, MD Guest Editor. *Ophthalmology Clinics of North America*, Vol. 13, No, 3, 2000.

A Reynolds, G Skuta: Management of Blebitis by Members of the American Glaucoma Society: A Survey. *The Association for Research in Vision and Ophthalmology*. April 2000, Abstract. (Presented as a paper at ARVO 2000), *Journal of Glaucoma*, Vol. 10, No. 4, 2001.

S. Atreides, G. Skuta, **A Reynolds:** Wound Healing Modulation in Glaucoma Filtering Surgery. *International Ophthalmology Clinics: Glaucoma—A Look at the Past, Present, and Future*. Vol. 44, No. 2, Spring 2004.

H.C. Patel, **A.C. Reynolds**, B.K. Farris, G.L. Skuta, R.M. Siatkowski. Comparison of Retinal Nerve Fiber Layer Thickness Measured by Optical Coherence Tomography 2 versus Optical Coherence Tomography 3 in Patients with Optic Nerve Head Drusen. AARVO abstract 2003

B Welcome, **A Reynolds**, G Skuta: Laser Revision of Trabeculectomy Filtering Bleb Dissection. *The Association for Research in Vision and Ophthalmology*. April 2002.

WA Walton, **A Reynolds**, G Skuta: Glaucoma Implant Drainage Devices in a Pediatric Population. *The Association for Research in Vision and Ophthalmology*. April 2001.

RP Mills, **A Reynolds**, et. al.: Long Term Survival of Molteno Glaucoma Drainage Devices. *Ophthalmology*, Vol. 103, No. 2, 1996.

N Yamada, R Mills, M Leen, M Emond, **A Reynolds**, D Stanford: Probability Maps of Sequential Glaucoma-scope Images Help Identify Significant Change. *J. Of Glaucoma*, Vol. 6, No. 5, 1997.

S Kim, J Stewart, M Emond, **A Reynolds**, M Leen, R Mills: The Effect of a Brief Educational Program on Glaucoma Patients. *J. of Glaucoma*, Vol. 6, No. 3, 1997.

A Reynolds, M Leen, J Stewart, R Mills., D Stanford: The Accuracy of Slit Lamp Biometry. Resident Alumni Day, 1998.

A. Reynolds, D. Harrison: Clinical Use of the Heini Handheld Retinometer. Resident Alumni Day, 1999.

Current Research Activities and Scholarship

FDA trial design for “Ab-externo trabeculotomy with the iTrack™ 250A for the treatment of primary congenital glaucoma: a prospective multi-center study”. Consultant for iScienceInterventional Inc.

Development of internal and external supra-ciliary/suprachoroidal drainage device technologies with Transcend Technologies Inc. and Opko Inc. Phase 2 trial design consultant for Opko and Transcend.

Development of delivery of latanoprost for glaucoma treatment via an eluting punctal plug delivery system. QLT inc.

Past Multicenter Trial Research

Primary investigator for “Trabeculectomy versus 350mm Bearveldt tube shunt in eyes with previous cataract or glaucoma surgery.” (TVT study) Multicenter trial sponsored through the Bascom Palmer Eye Institute.

Co-Investigator for the Collaborative Initial Treatment of Glaucoma Study (CIGTS). University of Oklahoma, Gregory Skuta M.D. Principle Investigator for Site, Aug. 2000-current.

Primary investigator for “A Pilot study to assess the safety and efficacy of the Eyepass glaucoma implant in patients with open angle glaucoma who have failed conventional medical therapy” (Phase 2). GMP labs.

Co-investigator for “A multicenter, randomized, open-label study to compare subconjunctival injections of 100 µg CAT-152 human anti-TGFβ2 monoclonal antibody with an intraoperative sponge application of 5-fluorouracil following first time trabeculectomy” multicenter phase 3 trial sponsored by Cambridge pharmaceuticals.

Primary investigator for “A Phase 2 Study assessing the safety, feasibility, and effectiveness of implantation of the GMP Bi-Directional Glaucoma Shunt in patients with primary open angle glaucoma who have failed conventional medical and surgical therapy” (phase 3). Also participating in pre clinical studies of new modifications of the “Eye Pass” device with GMP, Dr. Reay Brown, and Dr. Mary Lynch.

Primary investigator A comparison of the additivity of Brinzolamide Ophthalmic Suspension, 1% (Azopt) and Brimonidine Tartrate Ophthalmic Solution, 0.15% (Alphagan P) to Travoprost Ophthalmic Solution, 0.004% (Travatan) in patients with elevated IOP on Travoprost. A three-month double-masked, multi-center trial in the United (Additivity study) Indirect sponsorship by Alcon.

Primary Investigator for A Masked Histological Evaluation of Trabecular Meshwork Specimens Collected from Trabeculectomy Patients with Primary Open-Angle Glaucoma Treated with Bimatoprost 0.03% Ophthalmic Solution Once-Daily (QD) for At Least Two Years Compared with Primary Open-Angle Glaucoma Patients Treated with Other Topical Ophthalmic IOP-Lowering Drugs. (Allergan sponsored study).

Primary-investigator for “A comparison of latanoprost (Xalatan) with travoprost (Travatan) and bimatoprost (Lumigan) in patients with elevated intraocular pressure. A twelve-week, masked evaluator, phase IV, multicenter study in the United States.” (XLT study) Pharmacia sponsored study.

Co-investigator for “A multicenter, investigator-masked, randomized, parallel study of the efficacy and safety of AGN 192024 0.03% qd administered adjunctively with brimonidine 0.2% bid compared with latanoprost 0.005 % QD administer adjunctively with timolol 0.5% bid in patients with glaucoma or ocular hypertension.” Allergan sponsored study.

Consultant for Inoveon Corporation. Feasibility of glaucoma screening using high-resolution stereo disc photography in a telemedical format. 2001- 2005

Licensure and Board certification

Current Idaho medical license number M-9578
Current Washington medical license number 025209 unrestricted
Current Oregon medical license number 24693 Inactive
Board certified by the American board of Ophthalmology 2002

Society Memberships

American Glaucoma Society	2000
American Academy of Ophthalmology	1997
Fellow	2003
The Association for Research in Vision and Ophthalmology	1999
Alpha Omega Alpha	1994
Oklahoma Academy of Ophthalmology	2000
American Eye Study Club	2004
American Society of Cataract and Refractive Surgeons	2005

Other Professional Experience and Activities

Six years experience as a critical care and emergency room R.N. in various capacities and locations including medical and surgical ICU, post open heart surgery, angiography laboratory, level two ER, neurosurgical ICU, post transplant ICU, and trauma ICU.

Extracurricular

Activities: Musician, audio and video electronics consultant, antique furniture restoration, cabinet and custom furniture making, painting, international studies, snow skiing.

Personal: Married for 27 years, two children, and US citizen, excellent health.

References

Richard Mills, MD;	Seattle Washington
Gregory Skuta, MD;	University of Oklahoma
Brad Ferris, MD;	University of Oklahoma
David Parke MD;	AAO San Francisco
James Kinyoun, MD;	University of Washington
Robert Kalina, MD;	University of Washington