

## CURRICULUM VITAE

### **Richard Davidson, M.D.**

Department of Ophthalmology  
University of Colorado School of Medicine  
Rocky Mountain Lions Eye Institute  
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### **PREDOCTORAL EDUCATION:**

Pre-medical: George Washington University, Washington, D.C., B.S. Zoology (1988-1992)  
World Union of Jewish Students (W.U.J.S.) Institute, Arad, Israel (non-degree program 1992-1993)  
Medical: Hahnemann University School of Medicine, Philadelphia, PA, M.D. Degree (1993-1997)

### **POSTDOCTORAL TRAINING:**

Internship: Crozer-Chester Medical Center, Upland, PA, Transitional year internship (1997-1998)  
Residency: Wills Eye Hospital, Philadelphia, PA, Resident in Ophthalmology (1998-2001)  
Fellowships: University of California at Davis Medical Center, Sacramento, CA  
Cornea, External Disease, and Refractive Surgery Fellowship  
Preceptors: Mark J. Mannis, M.D. and Ivan R. Schwab, M.D. (2001-2002)

### **SPECIALTY BOARD CERTIFICATION:**

2002 American Board of Ophthalmology

### **MEDICAL SCHOOL APPOINTMENTS:**

2002 - Present Assistant Professor, Department of Ophthalmology, University of Colorado

### **HOSPITAL STAFF APPOINTMENTS:**

2002 – Present University of Colorado Hospital, Denver, CO  
2002 - Present The Children's Hospital, Denver, CO  
2002 - Present Denver Health Medical Center, Denver, CO  
2002 - Present Veterans' Administration Hospital, Denver, CO  
2004 - Present Rose Medical Center, Denver, CO

### **HONORS:**

1991 Dean's List, Spring Semester  
1991 Dean's List, Fall Semester  
1994 Medical Student Professional in Residence Summer School Scholarship, Betty Ford Center, Rancho Mirage, CA  
1994 Class of 1965 Academic Merit Scholarship  
1995 Measy Foundation Academic Merit Scholarship

1996	Alpha Omega Alpha, Honor Medical Society, Zeta Chapter
1997	Student Affairs Committee Award
1997	Distinguished Academic Performance Award
2000	Bausch and Lomb Travel Grant for Young Investigators Award, CLAO Annual Scientific Meeting, Las Vegas, NV
2001	Bausch and Lomb Travel Grant for Young Investigators Award, CLAO Annual Scientific Meeting, Las Vegas, NV
2000-2001	Elected Chief Resident, Wills Eye Hospital, Philadelphia

**PROFESSIONAL/ COMMUNITY SOCIETIES:**

American Academy of Ophthalmology  
 American Society of Cataract and Refractive Surgery  
 Contact Lens Association of Ophthalmologists  
 American Medical Association  
 Member, Paton Corneal Society  
 Associate Examiner, American Board of Ophthalmology

**ADMINISTRATIVE APPOINTMENTS**

2002 - Present	Director of Medical Student Education, Department of Ophthalmology, University of Colorado School of Medicine
2002 - Present	Residency Selection Committee, Department of Ophthalmology, University of Colorado School of Medicine
2002 - Present	Clinical Faculty Promotions Committee, Department of Ophthalmology, University of Colorado School of Medicine
2003 – Present	Member, University of Colorado School of Medicine Admissions Committee
2004 - Present	Co-Medical Director, Rocky Mountain Lions Eye Bank
2004 - Present	Practice Director, Rocky Mountain Lions Eye Institute, University of Colorado Hospital
2004 – Present	Director, Annual Symposium, Department of Ophthalmology, University of Colorado School of Medicine
2007 - Present	Co-Director, Ophthalmology for the Primary Care Provider Symposium, Department of Ophthalmology, University of Colorado School of Medicine
2007 – Present	Secretary, Faculty Senate, University of Colorado School of Medicine

**LICENSES:**

2002 - Present	State of Colorado
2001-2002	State of California

## COMMUNITY SERVICE:

- 1989 Founder, Delta Alpha Chapter, Pi Kappa Alpha fraternity
- 1988-1989 Member, George Washington University Men's Crew Team
- 1988-1989 Vice President, Freshman Class, George Washington University
- 1989-1990 Intern, The White House, Washington, D.C.
- 1989-1990 Member, George Washington University Student Orientation Staff
- 1990-1991 Vice President, Delta Alpha Chapter of Pi Kappa Alpha fraternity
- 1991-1992 Committee Member, Committee to select new Dean of Columbian College of Arts and Sciences
- 1992-1993 Volunteer, English teacher for Russian immigrants
- 1993-1994 Volunteer, Homeless Clinics Project, Philadelphia, PA
- 1994 Tutor, first year students – Biochemistry
- 1998-1999 Class Representative, First Year Residents
- 1999-2000 Class Representative, Second Year Residents

## REVIEWER

- Archives of Ophthalmology
- Ophthalmic Surgery, Lasers, and Imaging

## RESEARCH EMPLOYMENT:

Undergraduate Research Assistant, Department of Biology, George Washington University, Washington, DC January 1992-May 1992.

Junior Research Assistant, University of Pennsylvania School of Medicine, Philadelphia, PA April 1993-August 1993.

Bridging the Gaps, Nunez A, Zarro V, **Davidson R.** Philadelphia Community Health Internship Program June 1994-May 1995.

## ABSTRACTS/POSTERS:

1. Griot C, **Davidson R**, Pekosz A: Replication of California serogroup viruses in differentiated C2C12 muscle cells: A novel in vitro model for neuroinvasiveness, Proceedings from the Third International Congress of Veterinary Virology, Interlaken, Switzerland September 4-7, 1994
2. **Davidson R**, Goldberg L, Nunez A: The F.A.R.M. project: facilitating the receipt of optimal health care for mothers and their babies. The Bridging the Gaps Symposium, Philadelphia, PA October 28, 1994
3. **Davidson R**, Goldberg L, Nunez A: The F.A.R.M. project: Facilitating the receipt of optimal health care for mothers and their babies. The Society of Teachers of Family Medicine, Philadelphia, PA October 29, 1994
4. **Davidson R**, Goldberg L, Foster J, Nunez A: Joey's Magnet: A Parental Reminder System for Childhood Immunizations. The Twenty-Ninth National Immunization Conference, Los Angeles, CA May 15-19, 1995

5. **Davidson R**, Goldberg L, Foster J, Nunez A: The F.A.R.M. project: Facilitating the receipt of optimal health care for mothers and their babies. First Annual Medical Student Research, Education, and Community Service Day, Medical College of Pennsylvania and Hahnemann University School of Medicine, Philadelphia, PA November 9, 1995
6. **Davidson R**, Williams C, Sergott R: Use of tele-ophthalmology for the diagnosis and management of ophthalmic pathology and as a supplement to education. Annual Meeting of the American Academy of Ophthalmology, Orlando, FL October 24, 1999
7. Bernardino C, **Davidson R**, Maus M, Spaeth G: Angle-closure glaucoma in association with orbital pseudotumor. American Academy of Ophthalmology Annual Meeting, Dallas, TX October 22, 2000
8. **Davidson R**, Maus M: A Multi-Centered Study to Evaluate the Efficacy and Safety of Acellular Dermal Grafts in Lower Eyelid Reconstruction, American Academy of Ophthalmology Annual Meeting, New Orleans, LA November 9, 2001
9. Gregory G, **Davidson R**, Taravella M, Pterygium Excision Using a Conjunctival Autograft Fixated with Fibrin Glue, Video Presented at American Academy of Ophthalmology Annual Meeting, New Orleans, LA, October 26, 2004.
10. Taravella M, **Davidson R**, Aqueous Penetration of Moxifloxacin: Drops vs Collagen Shields, American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 16, 2005
11. **Davidson R**, Tarsoconjunctival Pedicle Flap for the Treatment of a Severe Scleral Melt, American Society of Cataract and Refractive Surgery Annual Meeting, Washington, D.C., April 15, 2005
12. Nguyen, Ly, Taravella, MJ, **Davidson, R**, Gregory, DG, MacKenzie D. Incidence of Elevated Intraocular Pressure After Phacoemulsification at an Academic Institution Based on Quality Assurance Data. American Society of Cataract and Refractive Surgery Annual Meeting, San Francisco, California, March, 2006
13. **Davidson, R**, Kahook, MY, Roach, RC, Honigman, B. Temporary Vision Loss at High Altitude as a Result of Intermittent Anterior Chamber Angle Closure. 15<sup>th</sup> International Hypoxia Symposium, Lake Louise, Alberta, Canada, February 2007.
14. **Davidson, R**, Faberowski, N, Noecker, RJ, Kahook, MY. Comparison of the Diaton Transpalpebral Tonometer versus Goldmann Applanation. Presented at American Society of Cataract and Refractive Surgery Annual Meeting, San Diego, California, April, 2007.
15. Gelston, CD, Taravella, MJ, **Davidson, R**, Nomogram to Predict Wavefront-Guided LASIK Ablation Depth. American Society of Cataract and Refractive Surgery Annual Meeting, San Diego, California, April, 2007.

#### **PUBLICATIONS (Peer-reviewed):**

1. Griot C, Pekosz A, **Davidson R**: Replication in cultured C2C12 muscle cells correlates with the neuroinvasiveness of California serogroup Bunyaviruses. *Virology* 1994; 201:399-403.
2. Griot C, Pekosz A., **Davidson R**: Replication of California serogroup viruses in differentiated C2C12 muscle cells: A novel in vitro model for neuroinvasiveness. *Immunobiol Viral Infect* 1995;59-62.
3. **Davidson R**, Hannush S: The Red Eye. *The Clinics Atlas of Office Procedures* 2000 June Vol 3, No 2, 185-201. W.B. Saunders Company

4. Bernardino C, **Davidson R**, Maus M, Spaeth G: Angle-closure glaucoma in association with orbital pseudotumor. *Ophthalmology* 2001; 108:1603-6.
5. **Davidson R**, Sivalingam A: The Diagnosis and Management of Intraocular Foreign Bodies. *Contact Lens Assoc Ophthalmologists J* 2002; 28:9-11.
6. Brandt JD, Mannis MJ, **Davidson R**: Intraocular pressure-induced interlamellar keratitis after LASIK surgery. *J Glaucoma* 2003; 12:23-6.
7. **Davidson, R**, Gregory, D, Taravella, M: The Use of Fibrin Glue in Pterygium Surgery, *Vision Pan America*, 2005;4:6-7.
8. Sambursky R, Tauber S, Schirra F, Kozich K, **Davidson R**, Cohen EJ: The RPS adeno detector for diagnosis adeno detector for diagnosing adenoviral conjunctivitis. *Ophthalmology*, 2006 Oct; 113(10) 1758-1764
9. **Davidson R**, Erlanger M, Taravella M, Gregory DG, Durairaj VD: Tarsconjunctival pedical flap for the management of a severe scleral melt. *Cornea* 2007 Feb; 26(2)235-37.
10. **Davidson R**, Invited Consultant: April consultation # 2. *J Cataract Refract Surg.* 2007 Apr; 33(4):566.

#### **BOOK CHAPTERS (INVITED):**

1. **Davidson RS**, Mannis MJ: Filamentary Keratitis, *Cornea*, Second Edition, Elsevier-Mosby, Copyright 2005. Ch.92, p1179-1182.
2. **Davidson, RS** and Taravella, MJ. Chapter 4.27 – “Corneal and Conjunctival Lacerations.” Yanoff and Duker, *Ophthalmology*, Third Edition. In Press.
3. Taravella, MJ and **Davidson RS**. Chapter 4.2 – “Corneal Topography and Wavefront Imaging.” Yanoff and Duker, *Ophthalmology*, Third Edition. In Press.

#### **National Lectures (INVITED):**

1. **Davidson R**, Williams C, Sergott R: Tele-ophthalmology and family practice study, Wills Eye Hospital Annual Conference, Philadelphia, PA February 20, 1999.
2. **Davidson R**, Eagle R, Raber I: An interdisciplinary approach to the diagnosis and management of rheumatoid corneal melts, Contact Lens Association of Ophthalmologists Conference, Las Vegas, NV January 24, 2000.
3. **Davidson R**, Maus M: Use of Alloderm ® vs. buccal mucosal graft for reconstruction of the lower eyelid, Wills Eye Hospital Annual Conference, Philadelphia, PA March 9, 2000.
4. **Davidson R**, Refractive Surgery Grand Rounds, Sacramento, California, December 14, 2001
5. **Davidson R**, Corneal Disease and Rheumatoid Arthritis, Denver, Colorado, May 22, 2002
6. **Davidson R**, Diagnosis and management of intraocular foreign bodies, 6<sup>th</sup> Annual Ophthalmology Symposium, University of Colorado Health Sciences, September 21, 2002.
7. **Davidson R**, Update on treatment modalities for dry eye: 6<sup>th</sup> Annual Ophthalmology Symposium, University of Colorado Health Sciences, September 21, 2002.
8. **Davidson R**, Intraocular Pressure Induced Stromal Keratitis: A DLK Masquerade Syndrome, Grand Rounds, Rocky Mountain Lions Eye Institute, Denver, Colorado, October 2, 2002

9. **Davidson R**, Anterior Segment Manifestations of Immune-related Disorders, Denver, Colorado, October 14, 2002
10. **Davidson R**, Surgical Procedures of the Ocular Surface, Denver, Colorado, November 18, 2002
11. **Davidson R**, Introduction to Keratorefractive Surgery, Denver, Colorado, December 2, 2002
12. **Davidson R**, Laser Vision Correction, Denver, Colorado, December 5, 2002
13. **Davidson R**, Intraocular pressure induced stromal keratitis: A DLK masquerade Syndrome, Wills Eye Hospital Annual Conference, Philadelphia, PA, March 13, 2003.
14. **Davidson R**, Infectious and Allergic Ocular Diseases, Denver, Colorado, March 24, 2003
15. **Davidson R**, Update on the management of the post-operative Lasik patient, 7<sup>th</sup> Annual Ophthalmology Symposium, University of Colorado Health Sciences, September 20, 2003.
16. **Davidson R**, Advances in pterygium, conjunctival, and ocular surface surgery, 7<sup>th</sup> Annual Ophthalmology Symposium, University of Colorado Health Sciences, September 20, 2003.
17. **Davidson, R**, Update on Treatment Modalities for Dry Eye, Denver, Colorado, December 11, 2003
18. **Davidson, R**, Fourth Generation Fluoroquinolone Update, Denver, Colorado, December 11, 2003
19. **Davidson, R**, Update on Treatment Modalities for Dry Eye, Billings, Montana, February 5, 2004
20. **Davidson, R**, Fourth Generation Fluoroquinolone Update, Billings, Montana, February 5, 2004
21. **Davidson, R**, Update on Treatment Modalities for Dry Eye, Denver Eye Surgeons, Denver, Colorado, February 9, 2004
22. **Davidson, R**, Fourth Generation Fluoroquinolone Update, Denver Eye Surgeons, Denver, Colorado, February 9, 2004
23. **Davidson, R**, Update on Treatment Modalities for Dry Eye, Fort Collins, Colorado, February 17, 2004
24. **Davidson, R**, Fourth Generation Fluoroquinolone Update, Fort Collins, Colorado, February 17, 2004
25. **Davidson R**, The use of fibrin glue in ocular surface surgery, Wills Eye Hospital Annual Conference, Philadelphia, PA, March 5, 2004.
26. **Davidson R**, Pathophysiology of ocular surface disease, Transfusion Conference, Bonfils Blood Center, University of Colorado Health Sciences Center, Denver, CO March 17, 2004.
27. **Davidson R**, Correction of Refractive Errors Following Penetrating Keratoplasty, 8<sup>th</sup> Annual Ophthalmology Symposium, Rocky Mountain Lions Eye Institute, University of Colorado School of Medicine, September 10, 2004
28. **Davidson R**, Refractive Surgery Update, American Society of Ophthalmic Registered Nurses, American Academy of Ophthalmology Annual Meeting, New Orleans, Louisiana, October 23, 2004
29. **Davidson R**, The Science of Refractive Surgery, Denver, Colorado, February 22, 2005
30. **Davidson R**, Laser Vision Correction, Denver, Colorado, February 24, 2005
31. **Davidson R**, Pathophysiology of Ocular Surface Disease, Denver, Colorado, March 17, 2004

32. **Davidson R**, Laser Vision Correction, Denver, Colorado, April 15, 2004
33. **Davidson R**, Ocular Burns, Presentation to University of Colorado Burn Support Group, Denver, Colorado, July 27, 2005
34. **Davidson R**, Aqualase Technology for Cataract Removal, 9<sup>th</sup> Annual Ophthalmology Symposium, Rocky Mountain Lions Eye Institute, University of Colorado School of Medicine, September 23, 2005
35. **Davidson R**, Ophthalmology Update, Department of Defense Buckley Annex, Denver, Colorado, October 6, 2005
36. **Davidson R**, Corneal Transplantation, Denver, Colorado, October 24, 2005
37. **Davidson R**, Cataract Surgery and Intraocular Lens Update, Denver, Colorado, June 13, 2006
38. **Davidson R**, Rapid Pathogen Screening in Ophthalmology, 10<sup>th</sup> Annual Ophthalmology Symposium, Rocky Mountain Lions Eye Institute, University of Colorado School of Medicine, Aurora, Colorado, September 29, 2006.
39. **Davidson R**, Travatan Z: Does BAK free make a difference? Tulsa, OK October 25, 2006.
40. **Davidson R**, The Ocular Surface and Glaucoma Medications. El Paso, TX November 28, 2006.
41. **Davidson R**, Travatan Z: BAK and Ocular Surface Disease. Denver, CO December 5, 2006.
42. **Davidson R**, Travatan Z: BAK and Ocular Surface disease. Oklahoma City, OK December 14, 2006
43. **Davidson R**, Travatan Z: Does BAK Free make a Difference? Colorado Springs, CO January 23, 2007.
44. **Davidson R**, Choosing an Intraocular Lens in 2007. Colorado Springs, CO. April 4, 2007.
45. **Davidson R**, The Journey Through Cataract Surgery: What your patient can expect. Ophthalmology for the Primary Care Provider Symposium. Denver, CO, April 21, 2007.
46. **Davidson R**, Refractive Surgery (LASIK): What you and your patient should know. Ophthalmology for the Primary Care Provider Symposium. Denver, CO, April 21, 2007.
47. **Davidson R**, Rapid Pathogen Screening in Ophthalmology, Ophthalmology for the Primary care Provider Symposium. Denver, CO, April 21, 2007.
48. **Davidson R**, The Use of Rapid Pathogen Detectors in Ophthalmology, UC Davis 30<sup>th</sup> Annual Ophthalmology Symposium and 2<sup>nd</sup> Annual Technician Education Program, Napa Valley, California, May 19, 2007.
49. **Davidson R**, Choosing an IOL in 2007. Northern Colorado Optometric Society Meeting, Loveland, CO. June 13, 2007
50. **Davidson R**, Ocular Allergy: Treatment Goals and Therapeutic Evaluation. Northern Colorado Optometric Society Meeting, Loveland, CO. June 13, 2007
51. **Davidson R**, Introduction to DSAEK Surgery. 91<sup>st</sup> Annual Pacific Coast Oto-Ophthalmological Society Meeting, Oahu, Hawaii, June 25, 2007.
52. **Davidson R**, Choosing an Intraocular Lens in 2007. 91<sup>st</sup> Annual Pacific Coast Oto-Ophthalmological Society Meeting, Oahu, Hawaii, June 26, 2007.
53. **Davidson R**, Intraocular Lens Update, Denver, Colorado, July 20, 2007

### **INTERNATIONAL LECTURES (INVITED):**

1. **Davidson R**, Pathophysiology and Treatment Options for Dysfunctional Tear Syndromes, Mexico City, Mexico, November 22, 2004
2. **Davidson R**, Intraocular Pressure Induced Stromal Keratitis: A DLK Masquerade Syndrome, Mexico City, Mexico, November 23, 2004
3. **Davidson R**, Advances in Pterygium, Conjunctival, and Ocular Surface Surgery, Mexico City, Mexico, November 23, 2004
4. **Davidson R**, Instrumentation for Corneal Transplant Surgery, Presented at Pan American Association of Ophthalmology Annual Meeting, Santiago, Chile, March 18, 2005
5. **Davidson R**, Postoperative Complications of Corneal Transplantation, Presented at Pan American Association of Ophthalmology Annual Meeting, Santiago, Chile, March 18, 2005
6. **Davidson R**, Correction of Refractive Error following Penetrating Keratoplasty Presented at Pan American Association of Ophthalmology Annual Meeting Santiago, Chile, March 18, 2005
7. **Davidson R**, Phacoemulsification Following Refractive Surgery, Presented at Pan American Association of Ophthalmology Annual Meeting, Santiago, Chile, March 20, 2005
8. **Davidson R**, Aqualase Technology for Cataract Removal, Emerging Surgical Techniques Symposium, World Ophthalmology Congress, Sao Paulo, Brazil, February 20, 2006
9. **Davidson R**, Pterygium Symposium Co-Chair, World Ophthalmology Congress, Sao Paulo, Brazil, February 22, 2006
10. **Davidson R**, Complications of Pterygium Surgery, Pterygium Symposium, World Ophthalmology Congress, Sao Paulo, Brazil, February 22, 2006
11. **Davidson R**, Deep Anterior Lamellar Keratoplasty: Anwar's Big Bubble Technique" 13<sup>th</sup> Catholic University Golden Symposium of Ophthalmology, Seoul, Korea, February 3, 2007
12. **Davidson R**, Introduction to DSAEK Surgery, 13<sup>th</sup> Catholic University Golden Symposium of Ophthalmology, Seoul, Korea, February 3, 2007

### **INSTRUCTIONAL COURSE FACULTY PARTICIPATION (INVITED)**

1. **Davidson R**, Intraocular pressure induced stromal keratitis: A DLK masquerade syndrome, Presentation at American Academy of Ophthalmology, Orlando, Florida, October 23, 2002
2. **Davidson R**, Lasik Flap Complications: Prevention and Management. Presented at American Society of Cataract and Refractive Surgery Annual Meeting San Francisco, California, April 15, 2003.
3. **Davidson R**, Contact lens fitting for the practicing ophthalmologist, American Academy of Ophthalmology Annual Meeting, Anaheim, CA November 16, 2003
4. **Davidson R**, Refractive surgical disasters, American Academy of Ophthalmology Annual Meeting, Anaheim, CA November 17, 2003
5. **Davidson R**, Intraocular pressure induced stromal keratitis: A DLK masquerade syndrome, Presentation at American Academy of Ophthalmology, Anaheim, California, November 17, 2003.



6. **Davidson R**, PRK Haze, Presentation at American Academy of Ophthalmology, Anaheim, California, November 17, 2003.
7. **Davidson R**, Correction of Refractive Error Following Penetrating Keratoplasty. Presented at American Society of Cataract and Refractive Surgery Annual Meeting San Diego, California, May 3, 2004.
8. **Davidson R**, Instrumentation for Penetrating Keratoplasty. Presented at American Society of Cataract and Refractive Surgery Annual Meeting San Diego, California, May 3, 2004.
9. **Davidson R**, Contact Lens Fitting for the Practicing Ophthalmologist, Skills Transfer Program Presented at American Academy of Ophthalmology Annual Meeting, New Orleans, LA, October 28, 2004
10. **Davidson R**, Correction of Refractive Error Following Penetrating Keratoplasty Presented at American Society of Cataract and Refractive Surgery Annual Meeting Washington, D.C., April 19, 2005
11. **Davidson R**, Instrumentation for Corneal Transplant Surgery, Presented at American Society of Cataract and Refractive Surgery Annual Meeting, Washington, D.C., April 19, 2005
12. **Davidson R**, Postoperative Complications of Corneal Transplantation, Presented at American Society of Cataract and Refractive Surgery Annual Meeting, Washington, D.C., April 19, 2005
13. **Davidson R**, Contact Lens Fitting for the Practicing Ophthalmologist, Skills Transfer Program Presented at American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 18, 2005
14. **Davidson R**, PTK Revisited: Using Wavefront Data to Plan/Treat Refractive Surgical Complications, American Society of Cataract and Refractive Surgery Annual Meeting, San Francisco, California, March 20, 2006.
15. **Davidson R**, Contact Lens Fitting for the Practicing Ophthalmologist, American Academy of Ophthalmology Annual Meeting, Las Vegas, Nevada November 12, 2006
16. **Davidson R**, Choosing an Intraocular Lens in 2007, Alcon CPE Course for Residents, Alcon Laboratories, Fort Worth, TX February 9, 2007.
17. **Davidson R**, Fixing the Problem: Wavefront-Guided LASIK and PRK in the Management of Refractive Surgery Complications. American Society of Cataract and Refractive Surgery Annual Meeting, San Diego, California, May 1, 2007.

#### **ONGOING RESEARCH PROJECTS:**

1. **Davidson R** (PI), Taravella M: A multicenter, open-label, flexible-dose, parallel-group evaluation of the cataractogenic potential of quetiapine fumarate (Seroquel<sup>TM</sup>) and Risperidone (Risperdal<sup>TM</sup>) in the long-term treatment of patients with schizophrenia or schizoaffective disorder.
2. Taravella M (PI), **Davidson R**, Cannon R: Peripheral corneal thickness and posterior corneal curvature changes following laser in situ keratomileusis.
3. **Davidson R** (PI), Taravella M: Rapid screening tests for detection of ocular pathogens in tears.
4. Kahook MY (PI), Mandava N, Duncan M, Durairaj V, MacKenzie D, Taravella M, **Davidson R**, Gregory D: Analysis of Human Tear Proteins: A pilot study to describe the tear film proteome of patients undergoing ophthalmic examination.