

ANTHONY J. ALDAVE, M.D.

CONTACT INFORMATION

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EDUCATION

1987-1991 The University of Texas at Austin
Bachelor of Arts (B.A.), Plan II Honors Program
Cum Laude Graduate, GPA: 3.65 (4.0 scale)

1992-1996 The University of Texas Medical Branch at Galveston
Doctor of Medicine (M.D.)
Summa Cum Laude Graduate, GPA: 95 (100 scale)
Class Rank: First

POSTDOCTORAL TRAINING

1996-1997 Central Texas Medical Foundation
Brackenridge Hospital
Austin, Texas
Transitional Internship

1997-2000 Thomas Jefferson University School of Medicine
Wills Eye Hospital
Philadelphia, Pennsylvania
Residency in Ophthalmology

2000-2002 The University of California, San Francisco School of Medicine
Francis I. Proctor Foundation / Department of Ophthalmology
San Francisco, California
Fellowship in Cornea, External Disease, Uveitis and Refractive
Surgery

ACADEMIC APPOINTMENT

2007 Associate Professor of Ophthalmology

2002-2007 Assistant Professor of Ophthalmology
 University of California at Los Angeles School of Medicine
 Department of Ophthalmology, Jules Stein Eye Institute
 Los Angeles, California.

MEDICAL BOARD CERTIFICATION

2002 American Board of Ophthalmology

HONORS AND AWARDS

2008 American Academy of Ophthalmology Secretariat Award

2006 American Academy of Ophthalmology Achievement Award

2003 The UCLA K30 Graduate Program in Translational Investigation
 • NIH sponsored K30 program designed to develop the careers of promising clinician scientists

2001 Claes Dohlman Society Award
 • Awarded to the outstanding Cornea and Refractive Surgery Fellow in the United States

2001 American Ophthalmological Society-Knapp Testimonial Fund
 Fellowship

2000 Heed Ophthalmic Foundation Fellowship

2000 James S. Shipman Research Award, Wills Eye Hospital Annual
 Conference

1999 National Eye Institute Travel Fellowship Grant

1996 Mavis P. Kelsey Excellence in Medicine Award

1996 Curtis W. Lambert Scholarship Award

1996 Lange Medical Publication Award

1996 William N. and Ida Zinn Alpha Omega Alpha Award
 • Awarded to medical school Summa Cum laude graduate (class rank: first)

1992, 1993,
 1994 & 1995 Competitive Academic Scholarship

1994 Junior Alpha Omega Alpha Medical Honor Society

1994 Anne Lassiter Memorial Scholarship

1994	Award for Excellence in Pathology
1993	Glenn V. Russell Memorial Award for Excellence in Neuroscience
1993	Betty Ford Center Medical Student Professional in Residence Scholarship

COMMITTEE & ASSOCIATION MEMBERSHIPS

1997-present	American Academy of Ophthalmology
1999-present	Association for Research in Vision and Ophthalmology
2002-present	The Max Fine Eye Society
2002-present	R. Townley Paton Society
2004-present	American Society of Cataract and Refractive Surgery

UNIVERSITY SERVICE

2004-2007	University of California, Los Angeles Legislative Assembly Representative
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DEPARTMENT OF OPHTHALMOLOGY SERVICE

2002-present	Department of Ophthalmology Quality Assurance Committee
2002-present	Department of Ophthalmology Clinical Committee
2002-present	Department of Ophthalmology Appointment, Academic Advancement and Promotion Committee
2002-present	Jules Stein Eye Institute and Department of Ophthalmology Clinical Research Committee
2002-present	Department of Ophthalmology Committee
2004-2007	Residency Selection Committee
2004-present	EyeSTAR Residency Selection Committee

DEPARTMENTAL PROGRAM RESPONSIBILITIES

2002-present	Director, Cornea and Refractive Surgery Fellowship
2005-present	Interim Director, UCLA/Jules Stein Eye Institute Vision Genetics Center
2006-present	Director, Cornea Service

ACTIVITIES IN SCHOLARLY AND PROFESSIONAL SOCIETIES

2000-2001	AAO Strategic Assessment Planning Task Force
2002-present	Active Fellow, American Academy of Ophthalmology
2002-2003	Member, American Academy of Ophthalmology Refractive Surgery DVD Script Advisory Group
2003-2007	Member, American Academy of Ophthalmology Knowledge Base Development Project – Cornea and External Disease Panel
2004-2009	Member, American Academy of Ophthalmology Subspecialty Day Committee
2005-present	Member, American Academy of Ophthalmology Ethics Committee
2005-present	Associate Examiner, American Board of Ophthalmology
2007-present	Member, Association for Research in Vision and Ophthalmology Ocular Genetics Group Organizing Committee
2008	Vice Chair, American Academy of Ophthalmology Practicing Ophthalmologists Curriculum – Cornea and External Disease Panel
2008	Member, Tissue Banks International National Medical and Scientific Advisory Committee

CLINICAL CORNEA/REFRACTIVE SURGERY FELLOWS TRAINED

2002-2003	Cindy Self, M.D., from the University of Tennessee, Chattanooga
2002-2003	Jerry Hu, M.D., from Duke University, Durham, North Carolina
2003-2004	Danny Lin, M.D., from Stanford University, Stanford, California

2003-2004	Bruce Wietharn, M.D., from the University of Florida, Gainesville, Florida
2004-2005	David Hollander, M.D., from the University of California, San Francisco
2004-2005	Julie King, M.D., from Loma Linda University, Loma Linda, California
2005-2006	Mini Doan, M.D. from George Washington University, Washington, D.C.
2005-2006	Sophie Deng, M.D. from the University of Illinois, Chicago
2006-2007	Yuri Oleynikov, M.D., Ph.D. from Columbia University
2006-2007	Jon Page, M.D. from New York Eye and Ear
2007-2008	Jared Younger, M.D. from Southwestern University
2007-2008	Myhanh Nguyen, M.D. from Tufts University
2008-2009	Marvin Hsiao, M.D., from Southwestern University
2008-2009	Jesse Biebesheimer, M.D., from the University of California, San Francisco

INTERNATIONAL CORNEA/REFRACTIVE SURGERY FELLOWS TRAINED

2002-2003	Patty Bunapradest, M.D., from Rama Hospital, Bangkok, Thailand
2003	Manoj Sharma, M.D., from Lumbini Rana-Ambika Eye Hospital, Bhairahawa, Nepal
2003-2004	Alexandre Principe, M.D., from Universidade Federal de Sao Paulo, Brazil - UNIFESP
2004-2005	Akihiro Yasuda, M.D., from St. Luke's International Hospital, Tokyo, Japan
2004-2005	Apiradi Prechanond, M.D., from Rama Hospital, Bangkok, Thailand
2004-2005	Setsuko Hashida, M.D., from Tokyo, Japan
2005-2006	Baris Sonmez, M.D. from Ankara, Turkey

2005-2006	Nirit Bourla, M.D. from Tel Aviv, Israel
2007-2008	Khairi Kamal, M.D. from Kuantan, Malaysia
2008-2009	Chris Wiaux, M.D. from Lausanne, Switzerland

EDITORIAL SERVICE

2001-present	Reviewer for <i>Cornea</i>
2002-present	Reviewer for <i>American Journal of Ophthalmology</i>
2003-present	Reviewer for <i>Journal of the American Association for Pediatric Ophthalmology and Strabismus</i>
2003-present	Reviewer for <i>Archives of Ophthalmology</i>
2004-present	Reviewer for <i>Investigative Ophthalmology and Visual Science</i>
2004-present	Reviewer for <i>British Journal of Ophthalmology</i>
2004-present	Reviewer for <i>Ophthalmology</i>
2004-present	Reviewer for <i>Human Mutation</i>
2004-present	Reviewer for <i>Human Genetics</i>
2005-present	Reviewer for <i>Molecular Vision</i>
2006-present	Reviewer for <i>Eye</i>
2007-present	Reviewer for <i>Current Eye Research</i>

PROTOCOLS APPROVED FOR HUMAN INVESTIGATION

June 2002	Endokeratoplasty as an Alternative to Penetrating Keratoplasty for the Management of Corneal Endothelial Decompensation. UCLA IRB # 02-02-053-01
September 2002	The Molecular Genetics of Macular Corneal Dystrophy. UCLA IRB # 02-02-054-01
February 2003	Elucidating the Genetic Basis of Posterior Polymorphous Corneal Dystrophy

	UCLA IRB # 02-10-092-01
May 2003	Phakic 6 H2 Heparinized Refractive Intraocular Lens UCLA IRB # 03-02-007-01
September 2004	Genetic Mapping of Inherited Ocular Disorders UCLA IRB # 94-07-243-22B
February 2005	Keratoprosthesis Implantation for Visual Rehabilitation in Patients with Corneal Opacification UCLA IRB # 04-11-058-01
July 2006	A Multicenter Study to Map Novel Genes for Fuchs' Endothelial Corneal Dystrophy UCLA IRB # 06-01-020-01

RESEARCH SUPPORT

07/03/03—7/02/07	Ophthalmic Innovations International <i>Clinical Trial to Evaluate the Safety and Effectiveness of the Phakic 6 H2 Refractive Anterior Chamber lens (Phakic 6 H2-Myopia)</i>	\$67,112.00
08/01/04-07/31/05	The Center for Keratoconus <i>Investigations into the Genetic Basis of Keratoconus</i>	\$8000.00
07/01/05-06/30/07	UCLA Faculty Research Grant <i>Cloning the Gene for Posterior Polymorphous Corneal Dystrophy</i>	\$9000.00
09/30/05-08/31/10	NEI/NIH R01-EY016482-01 <i>A Multi-Center Study to Map Genes for Fuchs Dystrophy</i> Coordinating Center: Case Western University	
10/01/05-09/30/10	NEI/NIH K08 EY016079-01A1 <i>Cloning the Gene for Posterior Polymorphous Corneal Dystrophy</i>	\$831,195.00
09/01/06-08/31/07	National Keratoconus Foundation <i>Identification of Differentially Expressed Genes in Keratoconus</i>	\$10,000.00
02/13/07-2/12/08	Stein Oppenheimer Endowment Award <i>Identification of the Genetic Basis of Keratoconus using a Candidate Gene Approach Incorporating Gene Expression and Linkage Analysis Data</i>	\$30,000.00
2/15/08-2/14/09	Oppenheimer Family Foundation Center For Prevention of Eye Disease Program	\$30,000.00

RNA Interference Targeting of the TGFBI Gene Transcript in Human Corneal Epithelial Cells as a Method to Inhibit Pathologic TGFBI Protein Deposition in the Corneal Dystrophies

1/01/09-12/31/09	Oppenheimer Family Foundation Center For Prevention of Eye Disease Program <i>Large Scale Sequencing of the Common Posterior Polymorphous Corneal Dystrophy Candidate Gene Interval</i>	\$30,000.00
09/01/09-08/31/11	NEI/NIH K08 EY016079-01A1 Administrative Supplement <i>Cloning the Gene for Posterior Polymorphous Corneal Dystrophy</i>	\$269,585

MEETINGS AND COURSES ATTENDED

May 1994	Annual meeting of the Association for Research in Vision and Ophthalmology, Sarasota, Florida.
March 1998	Annual Wills Eye Hospital Conference, Philadelphia, Pennsylvania
December 1998	12 th Biennial Cornea Conference: What's New in Corneal Disease and Refractive Surgery, Philadelphia, Pennsylvania
March 1999	The 23 rd Annual Wills Eye Hospital Ophthalmology Review Course, Philadelphia, Pennsylvania
March 1999	Annual Wills Eye Hospital Conference, Philadelphia, Pennsylvania
May 1999	Annual meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida.
May 1999	International Congress of Ocular Oncology, Philadelphia, Pennsylvania
September 1999	VISX Excimer Laser System "PRK with Astigmatism, Myopia, and Hyperopia Training Course", Philadelphia, Pennsylvania
October 1999	Annual Meeting of the American Academy of Ophthalmology, Orlando, Florida.
January 2000	Annual Meeting of the Contact Lens Association of Ophthalmologists, Las Vegas, Nevada
March 2000	Annual Wills Eye Hospital Conference, Philadelphia, Pennsylvania

March 2000	Bausch & Lomb Surgical “C-LASIK: Lamellar Refractive Surgery Course”, New York, New York
May 2000	Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida
May 2000	Annual Meeting of the American Society of Cataract and Refractive Surgery, Boston, Massachusetts
October 2000	Annual Meeting of the American Academy of Ophthalmology, Dallas, Texas.
December 2000	Emerging Ocular Therapies, San Francisco, California
March 2001	The Third International Symposium on Ophthalmology in the Developing World, San Francisco, California
May 2001	Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida
November 2001	Annual Meeting of the American Academy of Ophthalmology, New Orleans, Louisiana
March 2002	The Max Fine Eye Society Meeting, Doheny Eye Institute, Los Angeles, California
April 2002	Annual Research Conference, Loma Linda University, Loma Linda, California
May 2002	Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida
May 2002	Allergan Ocuflux Speakers Meeting, Dallas, Texas
July 2002	Argus Connect AlphaCor Accreditation Program, Jules Stein Eye Institute, Los Angeles, California
July 2002	Alcon Surgical SKBM Microkeratome Certification Course, Jules Stein Eye Institute, Los Angeles, California
July 2002	Alcon Surgical LADARVision Certification Course, Jules Stein Eye Institute, Los Angeles, California
November 2002	Annual Meeting of the American Academy of Ophthalmology, Orlando, Florida

March 2003	Allergan Restasis™ Speaker Training Meeting, Scottsdale, Arizona
March 2003	Annual Postgraduate Convention, Loma Linda University, Loma Linda, California
March 2003	XXIV Pan-American Congress of Ophthalmology San Juan, Puerto Rico
April 2003	Annual Meeting of the American Society of Cataract and Refractive Surgery, San Francisco, California
May 2003	Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida
June 2003	Annual Meeting of the Eye Bank Association of America Washington, D.C.
November 2003	Annual Meeting of the American Academy of Ophthalmology, Anaheim, California
December 2003	Allergan Zymar Speaker Training Meeting, Scottsdale, Arizona
February 2004	Annual Meeting of the Aspen Corneal Society Aspen, Colorado
April 2004	Annual Meeting of the San Francisco Cornea Symposium San Francisco, California
April 2004	Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida
June 2004	Annual Research Conference, Department of Ophthalmology, Loma Linda University School of Medicine Loma Linda, California
August 2004	Staar Visian ICL Mini-Fellowship Los Angeles, California
November 2004	Annual Meeting of the American Academy of Ophthalmology, New Orleans, Louisiana
December 2004	15 th Biennial Wills Eye Hospital Cornea Conference Philadelphia, Pennsylvania
January 2005	Annual Jules Stein Eye Institute and SCCO Symposium

	Fullerton, California
February 2005	Annual Post Graduate Convention, Oregon Academy of Ophthalmology Portland, Oregon
April 2005	World Cornea Congress Washington, D.C.
April 2005	Annual Meeting of the American Society of Cataract and Refractive Surgery Washington, D.C.
April 2005	Annual Meeting of the Association for Research in Vision and Ophthalmology, Fort Lauderdale, Florida
October 2005	Annual Meeting of the American Academy of Ophthalmology, Chicago, Illinois
February 2006	Annual Meeting of the Aspen Corneal Society Aspen, Colorado
March 2006	Annual Meeting of the American Society of Cataract and Refractive Surgery San Francisco, California
April 2006	The Role of the Clinician in Genetic Testing for Inherited Eye Disease Iowa City, Iowa
April 2006	DSEK Advanced Cornea Course Indianapolis, Indiana
May 2006	Annual Meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida
August 2006	Genome Access Course Cold Spring Harbor Laboratory Cold Spring Harbor, New York
October 2006	Annual Meeting of the American Academy of Ophthalmology, Las Vegas, Nevada
January 2007	Annual Island Eyes Meeting Kauai, Hawaii

February 2007	Annual Meeting of the Aspen Corneal Society Aspen, Colorado
April 2007	Annual Meeting of the American Society of Cataract and Refractive Surgery San Diego, California
May 2007	Annual Meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida
June 2007	The Armenian EyeCare Project Tenth International Ophthalmology Conference Yerevan, Armenia
November 2007	Annual Meeting of the American Academy of Ophthalmology, New Orleans, Louisiana
January 2008	Cornea and Retina Symposium Los Angeles, California
January 2008	All India Ophthalmology Society Meeting Bangalore, India
February 2008	5th Annual Ophthalmology Update – From Front to Back San Juan, Puerto Rico
April 2008	Annual Meeting of the American Society of Cataract and Refractive Surgery Chicago, Illinois
April 2008	Annual Meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida
June 2008	Annual Meeting of the Eye Bank Association of America Hollywood, Florida
June 2008	Cornea: Developments in Medical and Surgical Therapeutics Galveston, Texas
September 2008	Eye on Excellence in Ophthalmology Las Vegas, Nevada
September 2008	Fuchs Corneal Dystrophy Symposium

	Baltimore, Maryland
November 2008	Annual Meeting of the American Academy of Ophthalmology, Atlanta, Georgia
February 2009	All India Ophthalmology Society Meeting Jaipur, India
February 2009	Annual Ocular Drug and Surgical Therapy Update Meeting Dana Point, California
February 2009	Annual Meeting of the Aspen Corneal Society Aspen, Colorado
March 2009	Biennial MEACO International Congress Manama, Bahrain
April 2009	Annual Meeting of the American Society of Cataract and Refractive Surgery San Francisco, California
April 2009	Annual Dallas Spring Ophthalmology Symposium Dallas, Texas
May 2009	Annual Meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida
May 2009	New England Ophthalmological Society Meeting Boston, Massachusetts
May 2009	A Deeper Look at Keratoplasty Symposium Los Angeles, California
June 2009	Global Eye Bank and Corneal Transplant Congress Seattle, Washington
June 2009	Annual Meeting of the Eye Bank Association of America Seattle, Washington
September 2009	Annual Rocky Mountain Lions Eye Institute Ophthalmology Symposium Denver, Colorado
October 2009	Annual Meeting of the American Academy of Ophthalmology, San Francisco, California

November 2009	Annual Congress of the Iranian Society of Ophthalmology Tehran, Iran
November 2009	Annual Malaysian-Singapore Ophthalmic Congress Kuala Lumpur, Malaysia
February 2010	Fuchs Corneal Dystrophy Symposium Baltimore, Maryland
April 2010	Annual Meeting of the American Society of Cataract and Refractive Surgery Boston, Massachusetts

SCIENTIFIC PRESENTATIONS

1. “Conjunctival deposition of mast cell tryptase and neutrophil elastase in vernal keratoconjunctivitis” (*poster presentation*)
Annual meeting of the Association for Research in Vision and Ophthalmology
Sarasota, Florida – *May 1994*
2. “Control of inflammation in the post-cataract/IOL surgical population using topical anti-inflammatory agents”
Wills Eye Hospital Annual Conference
Philadelphia, Pennsylvania – *March 1998*
3. “Static and dynamic low contrast visual acuity in patients after PRK and PTK”
Wills Eye Hospital Annual Conference
Philadelphia, Pennsylvania – *March 1999*
4. “Surgical excision of selected amblyogenic periorbital capillary hemangiomas - a report of two cases” (*poster presentation*)
Wills Eye Hospital Annual Conference
Philadelphia, Pennsylvania – *March 1999*
5. “Treatment strategies for chronic postoperative *Propionibacterium acnes* endophthalmitis”
Annual meeting of the Association for Research in Vision and Ophthalmology
Fort Lauderdale, Florida – *May 1999*
6. “The Wills Eye Hospital fascia lata bank: a ten year experience 1988-1998”
(*poster presentation*)
International Oncology Congress
Philadelphia, Pennsylvania - *May 1999*
7. “Congenital corneal opacification in De Bary syndrome”

- Annual Meeting of the Contact Lens Association of Ophthalmologists
Las Vegas, Nevada – *January 2000*
8. “Loteprednol etabonate 0.2% in the treatment of *Staph* marginal keratitis and subepithelial corneal infiltrates associated with adenoviral keratoconjunctivitis”
(*poster presentation*)
Wills Eye Hospital Annual Conference
Philadelphia, Pennsylvania - *March 2000*
 9. “Bungee cord-associated ocular trauma” (*poster presentation*)
Annual meeting of the Association for Research in Vision and Ophthalmology
Fort Lauderdale, Florida – *May 2000*
 10. “Bungee cord-associated ocular trauma” (*poster presentation*)
Annual Meeting of the American Academy of Ophthalmology
Dallas, Texas – *October 2000*
 11. “Central corneal mucopolysaccharide dystrophy” (*poster presentation*)
Annual meeting of the Association for Research in Vision and Ophthalmology
Fort Lauderdale, Florida – *May 2001*
 12. “A novel technique for harvesting keratolimbal allografts from corneoscleral buttons” (*poster presentation*)
Annual Meeting of the American Academy of Ophthalmology
New Orleans, Louisiana – *November 2001*
 13. “The molecular genetics of macular corneal dystrophy”
Annual Research Conference, Department of Ophthalmology, Loma Linda
University School of Medicine
Loma Linda, California – *April 2002*
 14. “Spontaneous corneal hydrops and perforation in keratoconus and pellucid marginal degeneration” (*poster presentation*)
Annual meeting of the Association for Research in Vision and Ophthalmology
Fort Lauderdale, Florida – *May 2002*
 15. “The Future is now: cornea and anterior segment surgery in the 21st century”
Annual Postgraduate Convention, Loma Linda University
Loma Linda, California – *March 2003*
 16. “Advances in refractive IOL technology: promises, procedures, pearls and pitfalls”
XXIV Pan American Congress of Ophthalmology
San Juan, Puerto Rico – *March 2003*

17. “Everything that you wanted to know about amniotic membrane transplantation but were afraid to ask”
XXIV Pan American Congress of Ophthalmology
San Juan, Puerto Rico – *March 2003*
18. “Management of postoperative LASIK complications”
XXIV Pan American Congress of Ophthalmology
San Juan, Puerto Rico – *April 2003*
19. “Novel mutations in the CHST6 gene associated with macular corneal dystrophy in American patients ” (*poster presentation*)
Annual meeting of the Association for Research in Vision and Ophthalmology
Fort Lauderdale, Florida – *May 2003*
20. “A novel variant of combined granular-lattice corneal dystrophy”
12th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – *May 2003*
21. “Mutation analysis of the VSX1 gene in patients with posterior polymorphous corneal dystrophy” (*poster presentation*)
Annual Meeting of the American Society of Human Genetics
Los Angeles, California – *Nov 2003*
22. “Current status of phakic IOLs: indications, surgical techniques, postoperative complications and outcomes”
3rd Annual San Francisco Cornea Symposium
San Francisco, California – *April 2004*
23. “Candidate gene screening for posterior polymorphous corneal dystrophy” (*poster presentation*)
Annual meeting of the Association for Research in Vision and Ophthalmology
Fort Lauderdale, Florida – *April 2004*
24. “A novel corneal dystrophy associated with the Gly623Asp missense change in the TGFBI gene”
13th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – *April 2004*
25. “The clinical utility of molecular genetic analysis in cornea and external disease”
Annual Research Conference, Department of Ophthalmology, Loma Linda
University School of Medicine
Loma Linda, California – *June 2004*
26. “A unique corneal dystrophy associated with the Gly623Asp missense change in the TGFBI gene” (*poster presentation*)
Annual Meeting of the American Academy of Ophthalmology

- New Orleans, Louisiana – *October 2004*
27. “Use of genetic analysis in the diagnosis of corneal opacification”
7th Annual Jules Stein Eye Institute and SCCO Symposium
Fullerton, California – *January 2005*
 28. “Keratoprosthesis (artificial corneal) implantation: what every ophthalmologist should know”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – *February 2005*
 29. “The clinical utility of genetic testing in the diagnosis and management of inherited ocular disorders: a practical guide”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – *February 2005*
 30. “Current status of phakic IOLs: indications, surgical techniques, postoperative complications and outcomes”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – *February 2005*
 31. “Amniotic membrane transplantation: uses and abuses”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – *February 2005*
 32. “Keratoprosthesis implantation: what every ophthalmologist should know”
Grand Rounds Lecture, Department of Ophthalmology
The University of California, San Francisco
San Francisco, CA – *April 2005*
 33. “The genetics of the TGFBI dystrophies”
Invited Lecture, World Cornea Congress
Washington, D.C. – *April 2005*
 34. “Ocular surface toxicity associated with topical interferon alpha-2b”
14th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – *April 2005*
 35. “Exclusion of nine positional candidate genes for Schnyder crystalline corneal dystrophy” (*poster presentation*)
Annual meeting of the Association for Research in Vision and Ophthalmology
Fort Lauderdale, Florida – *May 2005*
 36. “Keratoprosthesis surgery”
Annual Research Conference, Department of Ophthalmology, Loma Linda
University School of Medicine

- Loma Linda, California - *May 2005*
37. “The clinical utility of genetic testing in the diagnosis of corneal opacification”
Visiting Professor Lecture, Scheie Eye Institute
The University of Pennsylvania
Philadelphia, Pennsylvania – *December 2005*
 38. “Keratoprosthesis implantation: what every ophthalmologist should know”
Grand Rounds Lecture, Scheie Eye Institute
The University of Pennsylvania
Philadelphia, Pennsylvania – *December 2005*
 39. “Keratoprosthesis surgery as an alternative to penetrating keratoplasty”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – *February 2006*
 40. “The clinical utility of genetic testing in the diagnosis of corneal opacification”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – *February 2006*
 41. “The identification of *TCF8* gene mutations in posterior polymorphous corneal dystrophy”
15th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – *April 2005*
 42. “Genetic analysis of corneal opacification in children”
Pediatric Keratoplasty Association Meeting
Fort Lauderdale, Florida – *May 2006*
 43. “No pathogenic mutations identified in the *COL8A1* and *COL8A2* genes in familial Fuchs corneal dystrophy”
CEDAS Annual Meeting
Fort Lauderdale, Florida – *May 2006*
 44. “No *VSX1* mutations associated with keratoconus” (*poster presentation*)
Annual meeting of the Association for Research in Vision and Ophthalmology
Fort Lauderdale, Florida – *May 2006*
 45. “Advances in corneal and anterior segment surgery: new treatments for old problems”
Annual Island Eyes Conference
Kauai, Hawaii – *January 2007*
 46. “The clinical utility of genetic testing in the diagnosis and management of inherited corneal disorders: a practical guide”
Annual Island Eyes Conference

- Kauai, Hawaii – *January 2007*
47. “Keratoprosthesis implantation: what every eye care professional should know”
Annual Island Eyes Conference
Kauai, Hawaii – *January 2007*
 48. “Amniotic membrane transplantation: uses and abuses”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – *February 2007*
 49. “Elucidating the molecular genetic basis of the corneal dystrophies: are we there yet?”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – *February 2007*
 50. “All in the family”
16th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – *May 2007*
 51. “Posterior polymorphous corneal dystrophy is associated with *TCF8* mutations in approximately one-quarter of affected families” (*poster presentation*)
Annual meeting of the Association for Research in Vision and Ophthalmology
Fort Lauderdale, Florida – *May 2007*
 52. “The Boston keratoprosthesis: outcomes in a multicenter trial and a single surgeon’s experience”
The Armenian EyeCare Project Tenth International Ophthalmology Conference
Yerevan, Armenia – *June 2007*
 53. “The clinical utility of genetic testing in the diagnosis of corneal opacification”
Visiting Professor Lecture, Department of Ophthalmology
Northwestern University School of Medicine
Chicago, Illinois – *September 2007*
 54. “New techniques in corneal transplantation”
Cornea and Retina Symposium
Los Angeles, California – *January 2008*
 55. “The clinical utility of genetic testing in the diagnosis and management of inherited corneal disorders”
66th Annual Conference of the All India Ophthalmological Society
Bangalore, India – *February 2008*
 56. “The American Academy of Ophthalmology’s Code of Ethics: practical application for the practicing ophthalmologist”
5th Annual Ophthalmology Update – From Front to Back

- San Juan, Puerto Rico – *February 2008*
57. “From bench to bedside: ophthalmology in the era of genomic medicine”
5th Annual Ophthalmology Update – From Front to Back
San Juan, Puerto Rico – *February 2008*
 58. “Treatment of symptomatic epithelial basement membrane corneal dystrophy: an evidence-based approach”
Annual Meeting of the American Society for Cataract and Refractive Surgery
Chicago, Illinois – *April 2008*
 59. “Not your average red eye”
17th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – *April 2008*
 60. “Keratoprosthesis (artificial corneal) implantation: what you don’t know may surprise you”
Gaynelle Robertson Memorial Lectureship in Ophthalmology
Cornea: Developments in Medical and Surgical Therapeutics
Galveston, Texas – *June 2008*
 61. “The clinical utility of genetic testing in the diagnosis and management of inherited corneal disorders: a practical guide”
Cornea: Developments in Medical and Surgical Therapeutics
Galveston, Texas – *June 2008*
 62. “Descemet’s stripping endothelial keratoplasty: a new treatment for an old problem”
Cornea: Developments in Medical and Surgical Therapeutics
Galveston, Texas – *June 2008*
 63. “DSEK: Important lessons learned from my first 75 cases”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – *September 2008*
 64. “DSEK in the glaucoma patient: risks and rewards”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – *September 2008*
 65. “Future gene therapy in the treatment of corneal disease”
Annual Meeting of the American Academy of Ophthalmology
Atlanta, Georgia – *November 2008*
 66. “Femtosecond laser-assisted penetrating keratoplasty: indications, techniques and results”
All India Ophthalmology Society Meeting

- Jaipur, India - *February 2009*
67. “From bench to bedside: genetic therapy in the treatment of corneal disorders”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – *February 2009*
 68. “Does topical cyclosporine really work in managing severe allergic conjunctivitis?”
Annual Ocular Drug and Surgical Therapy Update Meeting
Dana Point, California - *February 2009*
 69. “DSEK: important lessons learned from my first 100 cases”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – *February 2009*
 70. “The use of the femtosecond laser in corneal surgery: a fad or the future?”
King Khaled Eye Specialist Hospital
Riyadh, Saudi Arabia – *March 2009*
 71. “DSEK: important lessons learned from my first 100 cases”
Biennial MEACO International Congress
Manama, Bahrain– *March 2009*
 72. “Amniotic membrane transplantation: uses and abuses”
Biennial MEACO International Congress
Manama, Bahrain– *March 2009*
 73. “Options and outcomes in the management of bilateral complete corneal limbal stem cell deficiency”
Biennial MEACO International Congress
Manama, Bahrain– *March 2009*
 74. “Management of anterior basement membrane dystrophy and Salzmann’s nodular degeneration”
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Francisco, California – *April 2009*
 75. “Outcomes after DSEK in glaucoma patients with previous trabeculectomy and tube shunt implantation”
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Francisco, California – *April 2009*
 76. “Femtosecond laser-assisted penetrating keratoplasty: improving outcomes and avoiding complications”
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Francisco, California – *April 2009*

77. “Descemet’s stripping endothelial keratoplasty (DSEK) after Ophtec 311 iris reconstruction lens implantation”
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Francisco, California – *April 2009*
78. “Bench to bedside: genetics that make sense”
Annual Dallas Spring Ophthalmology Symposium
Dallas, Texas – *April 2009*
79. “Ocular surface disease: consensus to clinic: ‘DEWS’ and don’ts”
Annual Dallas Spring Ophthalmology Symposium
Dallas, Texas – *April 2009*
80. “Remaining questions on molecular genetics of the TGFBI dystrophies”
Fifth Annual ARVO/Pfizer Ophthalmics Research Institute
Fort Lauderdale, Florida – *May 2009*
81. “Performing accurate IOL power calculations in patients undergoing combined DSEK and cataract extraction” (*poster presentation*)
Annual meeting of the Association for Research in Vision and Ophthalmology
Fort Lauderdale, Florida – *May 2009*
82. “Performing accurate IOL power calculations in patients undergoing combined DSEK and cataract extraction”
18th Annual VISTA Scientific Conference
Fort Lauderdale, Florida – *May 2009*
83. “Epithelial debridement and Bowman’s layer polishing for visually significant epithelial irregularity and recurrent corneal erosions”
CEDAS Annual Meeting
Fort Lauderdale, Florida – *May 2009*
84. “From the lab to the lane: molecular diagnostic testing and gene therapy for inherited ocular disorders”
Chicago Ophthalmology Society
Chicago, Illinois – *May 2009*
85. “The Boston keratoprosthesis: improving outcomes and expanding indications”
New England Ophthalmological Society
Boston, Massachusetts – *May 2009*
86. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited ocular disorders”
New England Ophthalmological Society
Boston, Massachusetts – *May 2009*

87. “Endothelial keratoplasty: what I have learned”
A Deeper Look at Keratoplasty Symposium
Los Angeles, California – *May 2009*
88. “Femtosecond laser-assisted corneal transplantation: a fad or the future?”
Rocky Mountain Lions Eye Institute 13th Annual Ophthalmology Symposium
Denver, Colorado – *September 2009*
89. “From the lab to the lane: molecular diagnostic testing and gene therapy for inherited ocular disorders”
Rocky Mountain Lions Eye Institute 13th Annual Ophthalmology Symposium
Denver, Colorado – *September 2009*
90. “Options and outcomes in the management of bilateral complete corneal limbal stem cell deficiency”
Rocky Mountain Lions Eye Institute 13th Annual Ophthalmology Symposium
Denver, Colorado – *September 2009*
91. “From the lab to the lane: molecular diagnostic testing and gene therapy for inherited ocular disorders”
Visiting Professor Lecture, Department of Ophthalmology
California Pacific Medical Center
San Francisco, California – *November 2009*
92. “Extreme DSEK: from aphakia to zonular dehiscence”
19th Annual Iranian Congress of Ophthalmology
Tehran, Iran – *November 2009*
93. “Management of symptomatic epithelial basement membrane corneal dystrophy”
19th Annual Iranian Congress of Ophthalmology
Tehran, Iran – *November 2009*
94. “DSEK: important lessons learned from my first 100 cases”
19th Annual Iranian Congress of Ophthalmology
Tehran, Iran – *November 2009*
95. “From consensus to the clinic in the diagnosis and management of ocular surface disease: “DEWS” and don’ts
19th Annual Iranian Congress of Ophthalmology
Tehran, Iran – *November 2009*
96. “Recent advances in anterior segment imaging”
19th Annual Iranian Congress of Ophthalmology
Tehran, Iran – *November 2009*

97. “The clinical utility of genetic testing in the diagnosis and management of inherited ocular disorders: a practical guide”
25th Malaysia-Singapore Ophthalmic Congress
Kuala Lumpur, Malaysia – *November 2009*
98. “The Boston type I keratoprosthesis: improving outcomes and expanding indications”
25th Malaysia-Singapore Ophthalmic Congress
Kuala Lumpur, Malaysia – *November 2009*
99. “From the lab to the lane: molecular diagnostic testing and gene therapy for inherited ocular disorders”
25th Malaysia-Singapore Ophthalmic Congress
Kuala Lumpur, Malaysia – *November 2009*
100. “Extreme DSEK: from aphakia to zonular dehiscence”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – *February 2009*
101. “Femtosecond laser-assisted corneal transplantation: a fad or the future?”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – *February 2009*
102. “DSEK vs. femtosecond-assisted PK for the management of Fuchs corneal dystrophy and pseudophakic corneal edema: selecting the right surgery”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – *February 2010*
103. “Extreme DSEK: from aphakia to zonular dehiscence”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – *February 2010*
104. “Performing accurate IOL power calculations in patients underlying combined DSAEK and cataract extraction”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – *February 2010*
105. “Femtosecond laser-assisted penetrating keratoplasty for keratoconus”
Annual Meeting of the American Society for Cataract and Refractive Surgery
Boston, Massachusetts – *April 2010*

SCIENTIFIC PUBLICATIONS

ARTICLES

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19. Aldave AJ, Yellore VS, Thonar EJ et al. Novel mutations in the carbohydrate sulfotransferase gene (CHST6) in American patients with macular corneal dystrophy. *Am J Ophthalmol* 2004;137:465-73.
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21. Aldave AJ, Yellore VS, Self CA, et al. The usefulness of buccal swabs for mutation screening in patients with suspected corneal dystrophies. *Ophthalmology* 2004; 111:1407-9.
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41. Sonmez B, Kim BT, Aldave AJ. Amniotic membrane transplantation with anterior stromal micropuncture for treatment of bullous keratopathy in eyes with poor visual potential. *Cornea* 2007; 26:227-9.
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- associated with the Met619Lys mutation in the *TGFBI* gene. *Archives of Ophthalmology* 2008; 126:371-7.
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ABSTRACTS

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