

ANTHONY J. ALDAVE, M.D.

CONTACT INFORMATION

Jules Stein Eye Institute
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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
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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

2002-2007	Assistant Professor In-Residence of Ophthalmology University of California at Los Angeles School of Medicine Department of Ophthalmology, Jules Stein Eye Institute Los Angeles, California.
2007-2013	Associate Professor In-Residence of Ophthalmology
2013	Professor In-Residence of Ophthalmology

MEDICAL BOARD CERTIFICATION

2002	American Board of Ophthalmology
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HONORS AND AWARDS

1992-1995	Competitive Academic Scholarship
1993	Betty Ford Center Medical Student Professional in Residence Scholarship
1993	Glenn V. Russell Memorial Award for Excellence in Neuroscience
1994	Junior Alpha Omega Alpha Medical Honor Society
1994	Anne Lassiter Memorial Scholarship
1994	Award for Excellence in Pathology
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
1999	National Eye Institute Travel Fellowship Grant

2000	Heed Ophthalmic Foundation Fellowship
2000	James S. Shipman Research Award, Wills Eye Hospital Annual Conference
2001	Claes Dohlman Society Award <ul style="list-style-type: none"> • Awarded to the outstanding Cornea and Refractive Surgery Fellow in the United States
2001	American Ophthalmological Society-Knapp Testimonial Fund Fellowship
2003	The UCLA K30 Graduate Program in Translational Investigation <ul style="list-style-type: none"> • NIH sponsored K30 program designed to develop the careers of promising clinician scientists
2006	American Academy of Ophthalmology Achievement Award
2008	American Academy of Ophthalmology Secretariat Award
2014	American Academy of Ophthalmology Senior Achievement Award
2014	Walton Li Chair in Cornea and Uveitis

COMMITTEE & ASSOCIATION MEMBERSHIPS

1997-present	American Academy of Ophthalmology
1999-present	Association for Research in Vision and Ophthalmology
2004-present	American Society of Cataract and Refractive Surgery
2006-present	R. Townley Paton Society

UNIVERSITY SERVICE

2004-2007	University of California, Los Angeles Legislative Assembly Representative
2010	Member, UCLA Health Sciences Strategic Planning Initiative Steering Committee

2010 Member, UCLA Health Sciences Strategic Planning Initiative
Education Strategy Design Team

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

2006-2012 Director, Cornea Service

2012-present Chief, Cornea and Uveitis Division

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
2005-2015	Member, American Academy of Ophthalmology Ethics Committee
2005-present	Associate Examiner, American Board of Ophthalmology
2008-2013	Vice Chair, American Academy of Ophthalmology Practicing Ophthalmologists Curriculum – Cornea and External Disease Panel
2008-present	Member, Tissue Banks International National Medical and Scientific Advisory Committee
2010-2012	Member, Eye Bank Association of America Accreditation Board
2010-2012	Member, American Academy of Ophthalmology Cornea Subspecialty Day Committee
2011-present	Member, Eye Bank Association of America Medical Advisory Board
2012-2014	Member, Eye Bank Association of America Scientific Programs Committee
2012-present	Member, Cornea Society Board of Directors
2013-present	Member, Editorial Board, <i>Cornea</i>
2014-present	Chair, American Academy of Ophthalmology Practicing Ophthalmologists Curriculum – Cornea and External Disease Panel
2016	Chair, Cornea Society Scientific Program 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 Univ. of Texas Southwestern Medical Center

2007-2008 Myhanh Nguyen, M.D. from Tufts University

2008-2009 Marvin Hsiao, M.D., from Univ. of Texas Southwestern Medical Center

2008-2009 Jesse Biebesheimer, M.D., from the University of California, San Francisco

2009-2010 Olivia Lee, M.D., from New York Eye and Ear

2009-2010 Timmy Kovoov, M.D., from Univ. of Texas Southwestern Medical Center

2010-2011 Matthew Swanic, M.D., from Tufts University

2010-2011 Kristina Kurbanyan, M.D., from Massachusetts Eye and Ear Infirmary

2011-2012 Sara Akbari, M.D., Pharm. D., from the University of Michigan

2011-2012 Duncan Johnson, M.D., from the Jules Stein Eye Institute

2012-2013 Jason Jun, M.D. from the Scheie Eye Institute

2012-2013 Ksenia Stafeeva, M.D. from the University of Colorado

2013-2014 Ryan St. Clair from Cornell University

2013-2014	Rosalind Vo from Loma Linda University
2014-2015	Neil Vyas from Boston University
2014-2015	Anjali Tannan from Rush University

INTERNATIONAL CORNEA/REFRACTIVE SURGERY FELLOWS TRAINED

2002-2003	Patty Bunnapradist, M.D. from Bangkok, Thailand
2003	Manoj Sharma, M.D. from Bhairahawa, Nepal
2003-2004	Alexandre Principe, M.D. from Sao Paulo, Brazil
2004-2005	Akihiro Yasuda, M.D. from Tokyo, Japan
2004-2005	Apiradi Prechanond, M.D. from 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
2009-2010	Kunjai Sejjal, M.D., from Chennai, India
2009-2010	Elmira Baghdasaryan, M.D., from Yerevan, Armenia
2010-2011	Arturo Ramirez-Miranda from Mexico City, Mexico
2010-2011	Siamak Zarei-Ghanavati from Mashhad, Iran
2012-2013	Pejman Bakhtiari from Tehran, Iran
2014-2015	Somporn Chantra from Bangkok, Thailand
2014-2015	Andres Codriansky from Santiago, Chile
2014-2015	Chulaluck Tangmonkongvoragul from Bangkok, Thailand
2014-2015	Jae Woong Koh from Gwang-ju, South Korea

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>JAMA Ophthalmology (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>
2007-present	Reviewer for <i>Ophthalmic Genetics</i>
2011-present	Reviewer for <i>Experimental Eye Research</i>
2012-present	Reviewer for <i>Journal of Refractive Surgery</i>
2012-present	Reviewer for <i>PLoS ONE</i>
2012-present	Reviewer for <i>PLoS Genetics</i>
2015-present	Reviewer for <i>European Journal of Human Genetics</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
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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
January 2009	Evaluation of Outcomes with New Forms of Corneal Transplantation UCLA IRB# G08-12-017-01
March 2011	International Results with the Boston Keratoprosthesis UCLA IRB#11-000983
March 2012	Effect of Corneal Preservation Time on Long-Term Graft Success (CPTS) UCLA IRB#12-000421

RESEARCH SUPPORT

PREVIOUS

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
08/01/04-07/31/05	The Center for Keratoconus <i>Investigations into the Genetic Basis of Keratoconus</i>	\$8000
07/01/05-06/30/07	UCLA Faculty Research Grant	\$9000

Cloning the Gene for Posterior Polymorphous Corneal Dystrophy

09/30/05-08/31/10	R01-EY016482 Lass (PI) NIH/National Eye Institute <i>A Multi-Center Study to Map Genes for Fuchs Dystrophy</i> Coordinating Center: Case Western University Role: Site Principal Investigator	
10/01/05-09/30/10	K08EY016079 Aldave (PI) NIH/National Eye Institute <i>Cloning the Gene for Posterior Polymorphous Corneal Dystrophy</i> Role: Principal Investigator	\$154,865 (annual direct costs)
09/01/06-08/31/07	National Keratoconus Foundation <i>Identification of Differentially Expressed Genes in Keratoconus</i>	\$10,000
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
2/15/08-2/14/09	Oppenheimer Family Foundation Center For Prevention of Eye Disease Program <i>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</i>	\$30,000
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
09/01/09-08/31/11	K08 EY016079-01A1 Aldave (PI) NIH/National Eye Institute <i>Cloning the Gene for Posterior Polymorphous Corneal Dystrophy</i> Administrative Supplement Role: Principal Investigator	\$154,865 (total direct costs)
3/01/12-2/28/13	Oppenheimer Family Foundation Center For Prevention of Eye Disease Program <i>Analysis of the Role of ZEB1 in the Pathogenesis of Posterior Polymorphous Corneal Dystrophy</i>	\$23,000
07/01/12-06/30/13	UCLA Faculty Research Grant <i>Identifying the genetic basis of posterior polymorphous corneal dystrophy</i>	\$5000

CURRENT

09/30/11-08/31/16	1U10EY020798 Lass (PI) NIH/National Eye Institute JAEB Center for Health Research (Prime: NEI) <i>Effect of Corneal Preservation Time on Long-Term Graft Success (CPTS)</i> Coordinating Center: Case Western University Role: Site Principal Investigator	\$82,750 (annual direct costs)
12/01/12-11/30/17	R01 EY022082 Aldave (PI) NIH/National Eye Institute <i>Identification and Characterization of the Genetic Basis of PPCD</i> Role: Principal Investigator	\$250,000 (annual direct costs)
9/1/14-8/31/19	R01 EY009052 Rabinowitz (PI) NIH/National Eye Institute Cedars Sinai Medical Center (Prime: NEI) <i>Genetic Factors in Keratoconus</i> Role: Co-Principal Investigator	\$5400 (annual direct costs)
9/30/15-9/30/19	W81XWH-15-2-0044 Ciolini (PI) Department of Defense (DOD) MEEI/Harvard University (Prime: DOD) <i>Vision Restoration with a Collagen Crosslinked Boston Keratoprosthesis Unit</i> Role: Site Principal Investigator	\$15,914 (annual direct costs)
09/01/15-08/31/20	2P30 EY00331 Williams (PI) NIH/National Eye Institute <i>Jules Stein Eye Institute Core Grant for Vision Research</i> Role: Core Investigator	\$383,453 (annual direct costs)

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
May 2005	Annual Research Conference, Department of Ophthalmology, Loma Linda University School of Medicine Loma Linda, California
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	All India Ophthalmology Society Meeting Kolkata, India
February 2010	Fuchs Corneal Dystrophy Symposium Baltimore, Maryland
February 2010	Annual Meeting of the Aspen Corneal Society Aspen, Colorado
April 2010	World Cornea Congress Boston, Massachusetts

April 2010	Annual Meeting of the American Society of Cataract and Refractive Surgery Boston, Massachusetts
April 2010	Annual Meeting of the Texas Ophthalmology Association Ft. Worth, Texas
May 2010	Annual Meeting of the Association for Research in Vision and Ophthalmology Fort Lauderdale, Florida
May 2010	Annual Research Conference, Department of Ophthalmology, Loma Linda University School of Medicine Loma Linda, California
September 2010	CLAO Education and Research Foundation Scientific Symposium Las Vegas, Nevada
November 2010	Annual Meeting of the American Academy of Ophthalmology, Chicago, Illinois
November 2010	Keratoprosthesis Course: Advancements in Visual Rehabilitation New York, New York
January 2011	Cornea Connect: International Symposium on Corneal Disorders Madurai, India
March 2011	28 th Annual Current Concepts in Ophthalmology Vail, Colorado
April 2011	Annual Meeting of the American Society of Cataract and Refractive Surgery San Diego, California
May 2011	Annual Research Conference, Department of Ophthalmology, Loma Linda University School of Medicine Loma Linda, California
June 2011	Annual Meeting of the Eye Bank Association of America Tucson, Arizona
July 2011	Indian Intraocular Implant and Refractive Surgery Convention Chennai, India
October 2011	Annual Meeting of the American Academy of Ophthalmology, Orlando, Florida

November 2011	Annual Congress of the Iranian Society of Ophthalmology Tehran, Iran
January 2012	Current Concepts in Ophthalmology Atlantic City, New Jersey
February 2012	All India Ophthalmology Society Meeting Cochin, India
March 2012	Fuchs Corneal Dystrophy Symposium Baltimore, Maryland
March 2012	Annual Post Graduate Convention, Oregon Academy of Ophthalmology Portland, Oregon
March 2012	29 th Annual Current Concepts in Ophthalmology Vail, Colorado
April 2012	Annual Meeting of the Asia-Pacific Academy of Ophthalmology Busan, Korea
April 2012	Annual Meeting of the American Society of Cataract and Refractive Surgery Chicago, Illinois
May 2012	Annual Research Conference, Department of Ophthalmology, Loma Linda University School of Medicine Loma Linda, California
June 2012	Annual Meeting of the Eye Bank Association of America Hollywood, Florida
June 2012	Annual Meeting of the Canadian Ophthalmological Society Toronto, Canada
July 2012	7th International Ophthalmology Course at the University of Chile Santiago, Chile
September 2012	5 th Annual Glaucoma/Cataract Symposium Chicago, Illinois
September 2012	Retina Update Sacramento, California

October 2012	Inflammation and Ocular Surface Focus Group Toronto, Canada
November 2012	Annual Meeting of the American Academy of Ophthalmology, Chicago, Illinois
November 2012	3 rd Biennial Scientific Meeting of the Asia Cornea Society Manila, Philippines
November 2012	Wills Eye Institute Biennial Cornea Conference Philadelphia, Pennsylvania
February 2013	Georgia Society of Ophthalmology, Emory Eye Center and MCG Department of Ophthalmology (GEM) Eye Meeting Atlanta, Georgia
February 2013	Annual Meeting of the Aspen Corneal Society Aspen, Colorado
March 2013	Lo Mejor en Cornea Mexico City, Mexico
April 2013	Annual Meeting of the American Society of Cataract and Refractive Surgery San Francisco, California
May 2013	Annual Meeting of the Association for Research in Vision and Ophthalmology Seattle, Washington
May 2013	Advances in Corneal Surgery Symposium Los Angeles, California
May 2013	The 8 th International Symposium of Chosun University Hospital Gwangju, Korea
June 2013	Annual Meeting of the Eye Bank Association of America Chicago, Illinois
July 2013	AAPOS & SNEC Joint Meeting Singapore
September 2013	Annual Conference of the Intraocular Implant and Refractive Society of India New Delhi, India

September 2013	Nineteenth International Course of Cornea and Refractive Surgery Puerto Vallarta, Mexico
October 2013	Inflammation and Ocular Surface Focus Group Hamburg, Germany
November 2013	International Symposium of Ophthalmology Guangzhou, China
November 2013	Annual Meeting of the American Academy of Ophthalmology New Orleans, Louisiana
December 2013	Keracon 2013 (First National Meeting of the Cornea Society of India) Goa, India
February 2014	All India Ophthalmology Society Meeting Agra, India
March 2014	Fuchs Corneal Dystrophy Symposium Baltimore, Maryland
March 2014	31 st Annual Current Concepts in Ophthalmology Vail, Colorado
April 2014	Annual Meeting of the American Society of Cataract and Refractive Surgery Boston, Massachusetts
May 2014	Annual Meeting of the Association for Research in Vision and Ophthalmology Orlando, Florida
June 2014	Annual Meeting of the Eye Bank Association of America Portland, Oregon
July 2014	Disha Eye Hospitals Annual Academic Meeting Kolkata, India
July 2014	8th International Ophthalmology Course at the University of Chile Santiago, Chile
October 2014	90th Congress of the Spanish Society of Ophthalmology Bilbao, Spain
October 2014	Annual Meeting of the American Academy of Ophthalmology

	Chicago, Illinois
November 2014	Inflammation and Ocular Surface Focus Group New York, New York
December 2014	4 th Biennial Scientific Meeting of the Asia Cornea Society Taipei, Taiwan
January 2015	3 rd Biennial Scientific Meeting of the Indonesian Society of Cataract and Refractive Surgery Jakarta, Indonesia
February 2015	52 nd Actualization Course in Ophthalmology Mexico City, Mexico
April 2015	World Cornea Congress San Diego, California
April 2015	Annual Meeting of the American Society of Cataract and Refractive Surgery San Diego, California
May 2015	Annual Meeting of the Association for Research in Vision and Ophthalmology Denver, Colorado
June 2015	Annual Meeting of the Eye Bank Association of America Atlanta, Georgia
July 2015	OSKON 2015– 2nd Meeting of Ocular Surface & Keratoprosthesis Chennai, India
July 2015	Jornadas Benjamin Boyd Annual Meeting of the Panamanian Society of Ophthalmology Panama City, Panama
September 2015	Nineteenth International Course of Cornea and Refractive Surgery Cancun, Mexico
November 2015	Annual Meeting of the American Academy of Ophthalmology Las Vegas, Nevada
December 2015	55 th Annual Walter Wright Symposium Toronto, Canada
February 2016	World Ophthalmology Congress

	Guadalajara, Mexico
March 2016	Fuchs Corneal Dystrophy Symposium Baltimore, Maryland
May 2016	Annual Meeting of the Association for Research in Vision and Ophthalmology Seattle, Washington
May 2016	Annual Meeting of the American Society of Cataract and Refractive Surgery New Orleans, Louisiana

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. “Does topical cyclosporine really work in managing severe allergic conjunctivitis?”
Annual Ocular Drug and Surgical Therapy Update Meeting
Dana Point, California - *February 2009*
 68. “From bench to bedside: genetic therapy in the treatment of corneal disorders”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – *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 2010*
101. “Femtosecond laser-assisted corneal transplantation: a fad or the future?”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – *February 2010*
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*
106. “Ocular surface disease: consensus to the clinic: ‘DEWS’ and don’ts”
Nashville Academy of Ophthalmology
Nashville, Tennessee – *April 2010*
107. “Extreme DSEK: from aphakia to zonular dehiscence”

- Texas Ophthalmology Association Annual Meeting
Ft. Worth, Texas – *April 2010*
108. “From the lab to the lane: molecular diagnostic testing and gene therapy for inherited ocular disorders”
Loma Linda University Medical Center Department of Ophthalmology Resident Research Symposium
Loma Linda, CA – *May 2010*
 109. “Femtosecond laser-assisted corneal transplantation: a fad or the future?”
Loma Linda University Medical Center Department of Ophthalmology Resident Research Symposium
Loma Linda, CA – *May 2010*
 110. “Lessons learned from 100 keratoprosthesis procedures: the role of contact lenses and other controversies”
Harold A. Stein, MD Lecture
CLAO Education and Research Foundation Scientific Symposium
Las Vegas, NV – *September 2010*
 111. “Glaucoma management in patients undergoing implantation of the Boston type I keratoprosthesis”
Cornea Society/EBAA Fall Educational Symposium
Chicago, Illinois – *October 2010*
 112. “Keratoprosthesis: What are the long term concerns”
Cornea Subspecialty Day
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois – *October 2010*
 113. “Pterygium surgery barrier techniques: amniotic membrane”
Cornea Society Symposium
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois – *October 2010*
 114. “International use of the Boston keratoprosthesis”
Keratoprosthesis Course: Advancements in Visual Rehabilitation
Weill Corneal Medical College
New York, New York – *November 2010*
 115. “Recent advances in anterior segment imaging”
Cornea Connect: International Symposium on Corneal Disorders
Madurai, India - *January 2011*
 116. “Extreme DSEK: from aphakia to zonular dehiscence”
Cornea Connect: International Symposium on Corneal Disorders

- Madurai, India - *January 2011*
117. “Femtolasers in corneal disorders”
Cornea Connect: International Symposium on Corneal Disorders
Madurai, India - *January 2011*
 118. “Boston type I keratoprosthesis”
Cornea Connect: International Symposium on Corneal Disorders
Madurai, India - *January 2011*
 119. “Amniotic membrane: uses and abuses”
Cornea Connect: International Symposium on Corneal Disorders
Madurai, India - *January 2011*
 120. “Demonstration of the utility of next-generation sequencing in the evaluation of the posterior polymorphous corneal dystrophy 1 locus”
Asia ARVO Annual Meeting
Singapore – *January 2011*
 121. “From the lab to the lane: molecular diagnostic testing and gene therapy for inherited corneal disorders”
Asia ARVO Annual Meeting
Singapore – *January 2011*
 122. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders”
Visiting Professor Lecture, Department of Ophthalmology
University of California, Davis Medical Center
Davis, California – *February 2011*
 123. “Cataract surgery in the patient with corneal disease: dos and don’ts”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2011*
 124. “Extreme DSEK: from aphakia to zonular dehiscence”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2011*
 125. “Recent advances in anterior segment imaging”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2011*
 126. “Options and outcomes in the management of corneal limbal stem cell deficiency”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2011*

127. “Descemet’s stripping endothelial keratoplasty: important lessons learned from my first 200 cases”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2011*
128. “Easily overlooked corneal diagnoses and management strategies: epithelial basement membrane dystrophy”
Cornea Society Symposium
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Diego, California – *March 2011*
129. “Infectious keratitis following Boston type I keratoprosthesis implantation: incidence, organisms, and outcomes”
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Diego, California – *March 2011*
130. “Management of corneal limbal stem cell deficiency”
Visiting Professor Lecture, Department of Ophthalmology
Dalhousie University
Halifax, Nova Scotia – *April 2011*
131. “Options and outcomes in the management of corneal limbal stem cell deficiency”
Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – *May 2011*
132. “Genetic therapy for inherited ocular disorders: the future has arrived”
Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – *May 2011*
133. “The global use of the Boston keratoprosthesis”
Ralph and Sophie Heintz Lecture
37th Annual Meeting, H. Bruce Ostler Association of Proctor Fellows
Marshall, California – *June 2011*
134. “Global corneal blindness and the Boston keratoprosthesis”
Jorge Rodriguez, MD, MPH, Memorial Lectureship
University of Arizona Department of Ophthalmology
Tucson, Arizona – *June 2011*
135. “Amniotic membrane transplantation”
Indian Intraocular Implant and Refractive Surgery Convention
Chennai, India – *July 2011*

136. “Extreme DSEK”
Indian Intraocular Implant and Refractive Surgery Convention
Chennai, India – *July 2011*
137. “The Boston type I keratoprosthesis”
Indian Intraocular Implant and Refractive Surgery Convention
Chennai, India – *July 2011*
138. “Cataract surgery in the patient with corneal disease: dos and don’ts”
Indian Intraocular Implant and Refractive Surgery Convention
Chennai, India – *July 2011*
139. “Femtosecond laser-assisted lamellar and penetrating keratoplasty”
Indian Intraocular Implant and Refractive Surgery Convention
Chennai, India – *July 2011*
140. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders”
Visiting Professor Lecture, Department of Ophthalmology
Massachusetts Eye and Ear Infirmary
Boston, Massachusetts – *September 2011*
141. “Customized corneal transplantation: choosing the right surgery for your patients”
Visiting Professor Lecture, Department of Ophthalmology
Massachusetts Eye and Ear Infirmary
Boston, Massachusetts – *September 2011*
142. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders”
Visiting Professor Lecture, Department of Ophthalmology
Henry Ford Hospital
Detroit, Michigan – *October 2011*
143. “Customized corneal transplantation: choosing the right surgery for your patients”
Visiting Professor Lecture, Department of Ophthalmology
Henry Ford Hospital
Detroit, Michigan – *October 2011*
144. “International Results with the Boston Type I Keratoprosthesis”
Cornea Society/EBAA Fall Educational Symposium
Orlando, Florida - *October 2011*
145. “Boston keratoprosthesis”
Refractive Surgery Subspecialty Day
Annual Meeting of the American Academy of Ophthalmology

- Orlando, Florida - *October 2011*
146. “Femtosecond laser-assisted lamellar and penetrating keratoplasty: a fad or the future?”
21st Annual Iranian Congress of Ophthalmology
Tehran, Iran – *November 2011*
 147. “Cataract surgery in the patient with corneal disease: dos and don’ts”
21st Annual Iranian Congress of Ophthalmology
Tehran, Iran – *November 2011*
 148. “Amniotic membrane transplantation: uses and abuses”
21st Annual Iranian Congress of Ophthalmology
Tehran, Iran – *November 2011*
 149. “The Boston type I keratoprosthesis: improving outcomes and expanding indications”
21st Annual Iranian Congress of Ophthalmology
Tehran, Iran – *November 2011*
 150. “Amniotic membrane transplantation: uses and abuses”
Current Concepts in Ophthalmology
Atlantic City, New Jersey – *January 2012*
 151. “Femtosecond laser-assisted lamellar and penetrating keratoplasty: a fad or the future?”
Current Concepts in Ophthalmology
Atlantic City, New Jersey – *January 2012*
 152. “Extreme DSEK: from aphakia to zonular dehiscence”
Current Concepts in Ophthalmology
Atlantic City, New Jersey – *January 2012*
 153. “Outcomes of the Boston keratoprosthesis in India and around the world”
All India Ophthalmology Society Meeting
Cochin, India– *February 2012*
 154. “Fuchs, Congenital Hereditary and Posterior Polymorphous Corneal Dystrophies: Variations on a Common Genetic Theme?”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – *March 2012*
 155. “Important Considerations in the Management of Patients with Fuchs Endothelial Corneal Dystrophy and Cataracts”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – *March 2012*

156. “Does Size Matter? The Effects of the Incision in DSEK Surgery”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland – *March 2012*
157. “Femtosecond laser-assisted lamellar and penetrating keratoplasty: a fad or the future?”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – *March 2012*
158. “Recent Advances in Anterior Segment Imaging”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – *March 2012*
159. “The Boston type I keratoprosthesis: improving outcomes and expanding indications”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – *March 2012*
160. “Customized corneal transplantation: choosing the right surgery for your patients”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – *March 2012*
161. “The American Academy of Ophthalmology’s Code of Ethics: practical application for the practicing ophthalmologist”
Oregon Academy of Ophthalmology Post Graduate Convention
Portland, Oregon – *March 2012*
162. “Femtosecond laser-assisted lamellar and penetrating keratoplasty: a fad or the future?”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2012*
163. “Deep anterior lamellar keratoplasty (DALK): is the big bubble worth the trouble?”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2012*
164. “The clinical utility of genetic testing in the diagnosis and management of inherited corneal disorders: a practical guide”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2012*
165. “Management of the malpositioned IOL made easy”
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2012*

166. "Important considerations in the management of patients with Fuchs endothelial corneal dystrophy and cataracts"
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2012*
167. "Does topical cyclosporin A really work: evidence-based review"
Annual Meeting of the Asia-Pacific Academy of Ophthalmology
Busan, Korea – *April 2012*
168. "Analysis of the role of ZEB1 in the pathogenesis of posterior polymorphous corneal dystrophy"
Annual Meeting of the Asia-Pacific Academy of Ophthalmology
Busan, Korea – *April 2012*
169. "International results with the Boston type I keratoprosthesis"
Annual Meeting of the Asia-Pacific Academy of Ophthalmology
Busan, Korea – *April 2012*
170. "Femtosecond laser-assisted deep anterior lamellar keratoplasty for advanced corneal ectasia"
Annual Meeting of the Asia-Pacific Academy of Ophthalmology
Busan, Korea – *April 2012*
171. "Femtosecond laser-assisted keratoplasty for keratoconus"
Annual Meeting of the Asia-Pacific Academy of Ophthalmology
Busan, Korea – *April 2012*
172. "Options and outcomes in the management of corneal limbal stem cell deficiency"
Cornea Subspecialty Day
Annual Meeting of the American Society for Cataract and Refractive Surgery
Chicago, Illinois – *April 2012*
173. "Femtosecond laser-assisted keratoplasty for keratoconus"
Annual Meeting of the American Society for Cataract and Refractive Surgery
Chicago, Illinois – *April 2012*
174. "Options and outcomes in the management of corneal limbal stem cell deficiency"
Visiting Professor Lecture, Dry Eye Grand Rounds
The Wilmer Eye Institute
Baltimore, Maryland – *May 2012*
175. "Setting the record straight: separating fact from fiction in the pathogenesis of the corneal endothelial dystrophies"

- Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – *May 2012*
176. “Endothelial keratoplasty in the glaucoma patient: risks and rewards”
Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – *May 2012*
177. “Update on anterior segment imaging”
Annual Meeting of the Canadian Ophthalmological Society
Toronto, Canada – *June 2012*
178. “PKP vs DALK: is the big bubble worth the trouble?”
Annual Meeting of the Canadian Ophthalmological Society
Toronto, Canada – *June 2012*
179. “Genetics: a practical guide to diagnosis and therapy in inherited ocular
disorders”
Annual Meeting of the Canadian Ophthalmological Society
Toronto, Canada – *June 2012*
180. “Important considerations in the management of patients with Fuchs endothelial
corneal dystrophy and cataracts”
Annual Meeting of the Canadian Ophthalmological Society
Toronto, Canada – *June 2012*
181. “Boston type I keratoprosthesis: improving outcomes and expanding indications”
W. Bruce Jackson Lecture
Annual Meeting of the Canadian Ophthalmological Society
Toronto, Canada – *June 2012*
182. “Options and outcomes in the management of corneal limbal stem cell
deficiency”
7th International Ophthalmology Course at the University of Chile
Santiago, Chile - *July 2012*
183. “Descemet’s stripping endothelial keratoplasty (DSEK): important lessons
learned from my first 300 cases”
7th International Ophthalmology Course at the University of Chile
Santiago, Chile - *July 2012*
184. “Customized corneal transplantation: choosing the right surgery for your patients”
7th International Ophthalmology Course at the University of Chile
Santiago, Chile - *July 2012*

185. "Cataract surgery in the patient with corneal disease: dos and don'ts"
7th International Ophthalmology Course at the University of Chile
Santiago, Chile - *July 2012*
186. "The clinical utility of genetic testing in the diagnosis and management of inherited ocular disorders: a practical guide"
7th International Ophthalmology Course at the University of Chile
Santiago, Chile - *July 2012*
187. "Cataract surgery in the patient with corneal disease: pearls and pitfalls"
John J. Skowron Lecture
5th Annual Glaucoma/Cataract Symposium
Chicago, Illinois – *September 2012*
188. "Cataract surgery in the eye with corneal pathology: recognition, avoidance and management"
Retina Update 2012
Sacramento, California – *September 2012*
189. "From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders"
University of Iowa Clinical Conference Lecture Series
Iowa City, Iowa – *September 2012*
190. "Femtosecond laser-assisted keratoplasty and keratotomy: a fad or the future?"
University of Iowa Clinical Conference Lecture Series
Iowa City, Iowa – *September 2012*
191. "Developing and maintaining a successful, ethical international ophthalmology program"
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois - *November 2012*
192. "The Boston type I keratoprosthesis: expanding indications in North America and around the world"
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois - *November 2012*
193. "Report of the Eye Bank Association of America Medical Advisory Board Subcommittee on Fungal Infection Following Corneal Transplantation"
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois - *November 2012*
194. "From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders"
Grand Rounds Lecture

- The University of Texas Health Science Center at Houston Department of
Ophthalmology
Houston, Texas - *November 2012*
195. “Customized Corneal Transplantation: Choosing the Right Surgery for Your Patients”
Grand Rounds Lecture
Baylor University Medical Center Department of Ophthalmology
Houston, Texas - *November 2012*
 196. “Cataract surgery in the patient with corneal pathology: tips to avoid the traps”
Houston Ophthalmologic Society
Houston, Texas - *November 2012*
 197. “Femtosecond laser-assisted keratoplasty and keratotomy: a fad or the future?”
Third Biennial Scientific Meeting of the Asia Cornea Society
Manila, Philippines - *November 2012*
 198. “Molecular genetics and genetic counseling”
Third Biennial Scientific Meeting of the Asia Cornea Society
Manila, Philippines - *November 2012*
 199. “DALK – Is it worth it?”
Wills Eye Institute Biennial Cornea Conference
Philadelphia, Pennsylvania - *November 2012*
 200. “Femtosecond Laser PK/LK – Fad or Future?”
Wills Eye Institute Biennial Cornea Conference
Philadelphia, Pennsylvania - *November 2012*
 201. “K-Pro: expanding applications and managing complications”
Wills Eye Institute Biennial Cornea Conference
Philadelphia, Pennsylvania - *November 2012*
 202. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders”
Wilfred E. Fry, MD Memorial Corneal Lecture
Wills Eye Institute Biennial Cornea Conference
Philadelphia, Pennsylvania - *November 2012*
 203. “The Boston type I keratoprosthesis: improving outcomes and expanding indications”
Georgia Society of Ophthalmology, Emory Eye Center and MCG Department of Ophthalmology (GEM) Eye Meeting
Atlanta, Georgia – *February 2013*

204. “Management of the malpositioned IOL made easy”
Georgia Society of Ophthalmology, Emory Eye Center and MCG Department of Ophthalmology (GEM) Eye Meeting
Atlanta, Georgia – *February 2013*
205. “Descemet stripping endothelial keratoplasty (DSEK) in the glaucoma patient: risks and rewards”
Georgia Society of Ophthalmology, Emory Eye Center and MCG Department of Ophthalmology (GEM) Eye Meeting
Atlanta, Georgia – *February 2013*
206. “Cataract surgery in the patient with corneal disease: pearls and pitfalls”
Georgia Society of Ophthalmology, Emory Eye Center and MCG Department of Ophthalmology (GEM) Eye Meeting
Atlanta, Georgia – *February 2013*
207. “Femtosecond laser-assisted keratoplasty and keratotomy: a fad or the future?”
Visiting Professor Grand Rounds Lecture
University of Toronto Department of Ophthalmology
Toronto, Canada - *February 2013*
208. “Recent advances in anterior segment imaging: confocal microscopy?”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – *February 2013*
209. “Setting the record straight: separating fact from fiction in the pathogenesis of the corneal endothelial dystrophies?”
Annual Meeting of the Aspen Corneal Society
Aspen, Colorado – *February 2013*
210. “Trasplante de córnea asistida con femtosegundo”
Lo Mejor en Cornea
Mexico City, Mexico - *March 2013*
211. “Síndrome de Disfunción Lagrimal”
Lo Mejor en Cornea
Mexico City, Mexico - *March 2013*
212. “Lecciones de DSEK: los primeros 300 Casos”
Lo Mejor en Cornea
Mexico City, Mexico - *March 2013*
213. “Queratoplastia Lamelar Profunda (DALK)”
Lo Mejor en Cornea
Mexico City, Mexico - *March 2013*

214. “Cirugía de catarata en enfermedad corneal”
Lo Mejor en Cornea
Mexico City, Mexico - *March 2013*
215. “Utilidad clínica del análisis genético en el diagnóstico y tratamiento”
Lo Mejor en Cornea
Mexico City, Mexico - *March 2013*
216. “Deficiencia de células madre: injertos queratolímbicos, autoinjertos de mucosa oral”
Lo Mejor en Cornea
Mexico City, Mexico - *March 2013*
217. “Outcomes following 96 DSEK procedures in eyes with previous trabeculectomy and tube shunt implantation”
Annual Meeting of the American Society for Cataract and Refractive Surgery
San Francisco, California – *April 2013*
218. “DALK: what is the ROI”
Advances in Corneal Surgery Symposium
Los Angeles, California – *May 2013*
219. “The future of the Boston keratoprosthesis”
The 8th International Symposium of Chosun University Hospital
Gwangju, Korea – *May 2013*
220. “Long-term outcomes of concurrent glaucoma drainage device placement in patients undergoing Boston type I keratoprosthesis implantation”
Annual Meeting of the Eye Bank Association of America
Chicago, Illinois – *June 2013*
221. “How to incorporate molecular genetic analysis into your practice to diagnose inherited anterior segment disorders”
AAPOS & SNEC Joint Meeting
Singapore – *July 2013*
222. “Management of congenital corneal disorders with the Boston keratoprosthesis”
AAPOS & SNEC Joint Meeting
Singapore – *July 2013*
223. “The future of the Boston keratoprosthesis”
Annual Conference of the Intraocular Implant and Refractive Society of India
New Delhi, India – *September 2013*
224. “Cataract surgery in patients with corneal pathology: tips to avoid the traps”
Annual Conference of the Intraocular Implant and Refractive Society of India

- New Delhi, India – *September 2013*
225. “Femtosecond laser astigmatic keratotomy”
Annual Conference of the Intraocular Implant and Refractive Society of India
New Delhi, India – *September 2013*
226. “Complications of ocular surface reconstruction”
Nineteenth International Course of Cornea and Refractive Surgery
Puerto Vallarta, Mexico – *September 2013*
227. “DSEK in the glaucoma patient”
Nineteenth International Course of Cornea and Refractive Surgery
Puerto Vallarta, Mexico – *September 2013*
228. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders”
Roger F. Meyer Lecture
W.K. Kellogg Eye Center
The University of Michigan
Ann Arbor, Michigan – *September 2013*
229. “From the lab to the lane: molecular diagnostic testing and genetic therapy for inherited corneal disorders”
Inflammation and Ocular Surface Focus Group
Hamburg, Germany – *October 2013*
230. “Donor corneal preparation for keratoplasty and keratoprosthesis surgery: the role of the eye bank”
International Symposium of Ophthalmology
Guangzhou, China - *November 2013*
231. “Outcomes following 113 DSEK procedures in eyes with previous trabeculectomy and tube shunt implantation”
International Symposium of Ophthalmology
Guangzhou, China - *November 2013*
232. “Incidence, organisms and outcomes of fungal infection following corneal transplantation”
International Symposium of Ophthalmology
Guangzhou, China - *November 2013*
233. “Descemet-stripping endothelial keratoplasty in challenging situations: avoiding complications and improving outcomes”
Cornea Subspecialty Day
Annual Meeting of the American Academy of Ophthalmology
New Orleans, Louisiana - *November 2013*

234. "A compilation of complications in femtosecond laser keratoplasty"
Refractive Surgery Subspecialty Day
Annual Meeting of the American Academy of Ophthalmology
New Orleans, Louisiana - *November 2013*
235. "Boston type 1 keratoprosthesis removal"
Annual Meeting of the American Academy of Ophthalmology
New Orleans, Louisiana - *November 2013*
236. "High risk PK vs Boston keratoprosthesis"
Keracon 2013 (First National Meeting of the Cornea Society of India)
Goa, India - *December 2013*
237. "DEWS and don'ts in managing dry eye disease"
Keracon 2013 (First National Meeting of the Cornea Society of India)
Goa, India - *December 2013*
238. "Role of femtosecond laser in anterior lamellar keratoplasty"
Keracon 2013 (First National Meeting of the Cornea Society of India)
Goa, India - *December 2013*
239. "Boston kpro- indications and technique"
Keracon 2013 (First National Meeting of the Cornea Society of India)
Goa, India - *December 2013*
240. "X-linked megalocornea associated with a novel *CHRDLI* gene mutation"
All India Ophthalmology Society Meeting
Agra, India - *February 2014*
241. "Customized corneal transplantation: surgery selection and tissue preparation"
All India Ophthalmology Society Meeting
Agra, India - *February 2014*
242. "DALK: is the big bubble worth the trouble?"
All India Ophthalmology Society Meeting
Agra, India - *February 2014*
243. "Improving analysis and interpretation of clinical research data"
All India Ophthalmology Society Meeting
Agra, India - *February 2014*
244. "Functional analysis of the role of *ZEB1* in PPCD and FECD"
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland - *March 2014*

245. "Extreme DSEK"
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland - *March 2014*
246. "Outcomes following endothelial keratoplasty in eyes with previous trabeculectomy and tube shunt implantation"
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland - *March 2014*
247. "Femtosecond laser astigmatic keratotomy for management of post keratoplasty astigmatism"
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2014*
248. "Microbial keratitis after Boston type I keratoprosthesis implantation: incidence, organisms, risk factors, and outcomes"
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2014*
249. "Outcomes following DSEK in 101 eyes with previous trabeculectomy and tube shunt implantation"
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2014*
250. "Classification of posterior polymorphous corneal dystrophy as a corneal ectatic disorder following confirmation of associated significant corneal steepening"
Annual Current Concepts in Ophthalmology Meeting
Vail, Colorado – *March 2014*
251. "Cataract surgery in the patient with corneal pathology: pearls and pitfalls"
Peter Ballen Lecture
Hofstra North Shore-LIJ School of Medicine Department of Ophthalmology
Great Neck, New York – *March 2014*
252. "The clinical utility of molecular genetic analysis in the diagnosis of inherited corneal disorders"
Leonard Apt Meeting: Advanced Topics in Pediatric Ophthalmology and Strabismus
Los Angeles, California – *April 2014*
253. "Video Pearls in Keratoplasty Surgery: You NEED to SEE This: Keratoprosthesis"
Annual Meeting of the American Society for Cataract and Refractive Surgery
Boston, Massachusetts – *April 2014*
254. "Cataract surgery in the patient with corneal pathology: tips to avoid the traps"

- Utah Ophthalmology Society
Salt Lake City, Utah - *May 2014*
255. “The science of sight: addressing corneal blindness in the developing world”
The University of Utah Moran Eye Center Resident Alumni Day
Salt Lake City, Utah - *May 2014*
 256. “The science of sight: addressing corneal blindness in the developing world”
Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – *May 2014*
 257. “Improving analysis and interpretation of clinical research data”
Loma Linda University Medical Center Department of Ophthalmology Resident
Research Symposium
Loma Linda, CA – *May 2014*
 258. “Femtosecond laser astigmatic keratotomy for management of post keratoplasty
astigmatism”
Annual Meeting of the Eye Bank Association of America
Portland, OR – *June 2014*
 259. “From consensus to clinic in the diagnosis and management of ocular surface
diseases: DEWS and Don'ts”
Disha Eye Hospitals Annual Academic Meeting
Kolkata, India – *July 2014*
 260. “Cataract surgery in the patients with corneal diseases: pearls & pitfalls”
Disha Eye Hospitals Annual Academic Meeting
Kolkata, India – *July 2014*
 261. “Customised corneal transplantation: Choosing the right surgery”
Disha Eye Hospitals Annual Academic Meeting
Kolkata, India – *July 2014*
 262. “Extreme DSEK: from aphakia to zonular dehiscence”
8th International Ophthalmology Course at the University of Chile
Santiago, Chile – *July 2014*
 263. “Femtosecond laser-assisted lamellar and penetrating keratoplasty: a fad or the
future?”
8th International Ophthalmology Course at the University of Chile
Santiago, Chile – *July 2014*
 264. “Amniotic membrane transplantation: uses and abuses”
8th International Ophthalmology Course at the University of Chile

- Santiago, Chile – *July 2014*
265. “Options and outcomes in the management of post-keratoplasty astigmatism”
8th International Ophthalmology Course at the University of Chile
Santiago, Chile – *July 2014*
 266. “The future of the Boston type I keratoprosthesis”
8th International Ophthalmology Course at the University of Chile
Santiago, Chile – *July 2014*
 267. “Test genéticos de utilidad clínica para las enfermedades corneales”
90th Congress of the Spanish Society of Ophthalmology
Bilbao, Spain – *October 2014*
 268. “Newer diagnostic tests for dry eye disease: should I be using them?”
90th Congress of the Spanish Society of Ophthalmology
Bilbao, Spain – *October 2014*
 269. “Relationships with Industry”
International Ethics Symposim
Annual Meeting of the American Academy of Ophthalmology
Chicago, Illinois – *October 2014*
 270. “From the lab to the lane: modulation of gene expression in inherited and
acquired corneal disorders”
Inflammation and Ocular Surface Focus Group
New York, New York – *November 2014*
 271. “EK in the glaucoma patient: separating fact from fiction”
4th Biennial Scientific Meeting of the Asia Cornea Society
Taipei, Taiwan – *December 2014*
 272. “International outcomes of the Boston type I keratoprosthesis in Stevens-Johnson
Syndrome”
4th Biennial Scientific Meeting of the Asia Cornea Society
Taipei, Taiwan – *December 2014*
 273. “A comparison of ACIOL retention with IOL exchange in patients undergoing
Descemet’s Stripping Endothelial Keratoplasty (DSEK)”
4th Biennial Scientific Meeting of the Asia Cornea Society
Taipei, Taiwan – *December 2014*
 274. “Long term outcomes of Boston type I keratoprosthesis implantation”
Keynote Lecture
3rd Biennial Scientific Meeting of the Indonesian Society of Cataract and
Refractive Surgery

- Jakarta, Indonesia – *January 2015*
275. “Anterior segment imaging with confocal microscopy”
3rd Biennial Scientific Meeting of the Indonesian Society of Cataract and Refractive Surgery
Jakarta, Indonesia – *January 2015*
 276. “An evaluation of novel diagnostic techniques for ocular surface disease”
3rd Biennial Scientific Meeting of the Indonesian Society of Cataract and Refractive Surgery
Jakarta, Indonesia – *January 2015*
 277. “The science of sight: addressing corneal blindness in the developing world”
Emory University
Atlanta, Georgia – *February 2015*
 278. “From the lab to the lane: modulation of gene expression in inherited and acquired corneal disorders”
Emory University
Atlanta, Georgia – *February 2015*
 279. “Corneal complications secondary to other specialties’ procedures”
Dr. Diego Cuevas Cancino Lecture
52nd Actualization Course in Ophthalmology
Mexico City, Mexico - *February 2015*
 280. “DALK: is the big bubble worth the trouble?”
52nd Actualization Course in Ophthalmology
Mexico City, Mexico - *February 2015*
 281. “A comparison of ACIOL retention with IOL exchange in patients undergoing Descemet’s Stripping Endothelial Keratoplasty (DSEK)”
52nd Actualization Course in Ophthalmology
Mexico City, Mexico - *February 2015*
 282. “Boston Type I Keratoprotheses: International Growth”
Kpro Study Group Symposium
San Diego, California - *April 2015*
 283. “International Outcomes of the Boston Type I Keratoprosthesis in Stevens-Johnson Syndrome”
Kpro Study Group Symposium
San Diego, California - *April 2015*
 284. “Five to Ten Year Follow-up of Boston Type I Keratoprotheses Demonstrates Stable Visual Acuity and Retention”

- Kpro Study Group Symposium
San Diego, California - *April 2015*
285. “How Genetic Analysis Changes My Management of Corneal Disorders”
World Cornea Congress
San Diego, California - *April 2015*
 286. “Genetics and Translational Research in Corneal Disease”
Annual Meeting of the Association for Research in Vision and Ophthalmology
Denver, Colorado - *May 2015*
 287. “From the Lab to the Lane: Modulation of Gene Expression in Inherited and Acquired Corneal Disorders”
Erin K. Jacobson Memorial Lecture
Loma Linda University Medical Center Department of Ophthalmology Resident Research Symposium
Loma Linda, CA – *May 2015*
 288. “Long Term Outcomes of Boston Type I Keratoprotheses Implantation”
Loma Linda University Medical Center Department of Ophthalmology Resident Research Symposium
Loma Linda, CA – *May 2015*
 289. “The Utility of Donor Corneal Rim Cultures: A Report of the Eye Bank Association of America Medical Advisory Board Subcommittee on Fungal Infection Following Corneal Transplantation”
Annual Meeting of the Eye Bank Association of America
Atlanta, Georgia – *June 2015*
 290. “Boston Type 1 Kpro - Experience Over A Decade”
OSKON 2015 – 2nd Meeting of Ocular Surface and Keratoprosthesis
Chennai, India - July 2015
 291. “Boston Type 1 Kpro - RPM – Causes and Management”
OSKON 2015 – 2nd Meeting of Ocular Surface and Keratoprosthesis
Chennai, India - July 2015
 292. “Boston Type 1 Kpro in SJS – Should it be attempted?”
OSKON 2015 – 2nd Meeting of Ocular Surface and Keratoprosthesis
Chennai, India - July 2015
 293. “Glaucoma in Boston Type 1 Kpro”
OSKON 2015 – 2nd Meeting of Ocular Surface and Keratoprosthesis
Chennai, India - July 2015
 294. “Long term outcomes of Boston type I keratoprotheses implantation”

- Jornadas Benjamin Boyd Annual Meeting of the Panamanian Society of Ophthalmology Panama City, Panama - July 2015
295. “Amniotic membrane transplantation: uses and abuses”
Jornadas Benjamin Boyd Annual Meeting of the Panamanian Society of Ophthalmology Panama City, Panama - July 2015
296. “Deep anterior lamellar keratoplasty (DALK): is the big bubble worth the trouble?”
Jornadas Benjamin Boyd Annual Meeting of the Panamanian Society of Ophthalmology Panama City, Panama - July 2015
297. “Demystifying DMEK: making the transition”
Jornadas Benjamin Boyd Annual Meeting of the Panamanian Society of Ophthalmology Panama City, Panama - July 2015
298. “Cataract surgery in the patient with corneal disease: pearls and pitfall”
Jornadas Benjamin Boyd Annual Meeting of the Panamanian Society of Ophthalmology Panama City, Panama - July 2015
299. “Management of complete bilateral stem cell deficiency”
Nineteenth International Course of Cornea and Refractive Surgery
Cancun, Mexico – September 2015
300. “Demystifying DMEK: making the transition”
Nineteenth International Course of Cornea and Refractive Surgery
Cancun, Mexico – September 2015
301. “The future of the Boston type I keratoprosthesis”
Nineteenth International Course of Cornea and Refractive Surgery
Cancun, Mexico – September 2015
302. “From consensus to the clinic in the diagnosis and management of ocular surface disease: DEWS and don’ts”
55th Annual Walter Wright Symposium
Toronto, Canada – December 2015
303. “Artificial corneal transplantation: where are we now and where will we be in 5 years?”
55th Annual Walter Wright Symposium
Toronto, Canada – December 2015
304. “Can genetic analysis change the management of corneal disease?”
55th Annual Walter Wright Symposium
Toronto, Canada – December 2015

305. “Management of the malpositioned lens made easy”
55th Annual Walter Wright Symposium
Toronto, Canada – December 2015
306. “Femtosecond laser astigmatic keratotomy for post keratoplasty astigmatism”
55th Annual Walter Wright Symposium
Toronto, Canada – December 2015
307. “Tales from the dark side: what you can learn from the AAO Ethics Committee regarding refractive surgery advertising”
55th Annual Walter Wright Symposium
Toronto, Canada – December 2015
308. “Keratoprosthesis as a first line treatment”
World Ophthalmology Congress
Guadalajara, Mexico – February 2016
309. “Gene modification: how it may help the corneal dystrophies”
World Ophthalmology Congress
Guadalajara, Mexico – February 2016
310. “Altered ZEB1 expression on the corneal endothelial transcriptome and corneal endothelial cell function”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland - March 2016
311. “Extreme DSEK”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland - March 2016
312. “A comparison of ACIOL retention with IOL exchange in patients undergoing Descemet's stripping Automated endothelial keratoplasty (DSAEK)”
Fuchs Corneal Dystrophy Symposium
Baltimore, Maryland - March 2016

SCIENTIFIC PUBLICATIONS

RESEARCH PAPERS

RESEARCH PAPERS (PEER REVIEWED)

A. Research Papers - Peer Reviewed

1. Aldave AJ, Shields CL, Shields JA. Surgical excision of selected amblyogenic periorbital capillary hemangiomas. *Ophthalmic Surgery and Lasers* 1999; 30:754-7.

2. Aldave AJ, Stein JD, Deramo VA, et al. Treatment strategies for postoperative *Propionibacterium acnes* endophthalmitis. *Ophthalmology* 1999;106:2395-401.
3. Aldave AJ, Rudd JC, Cohen EJ, et al. The role of glaucoma therapy in the need for repeat penetrating keratoplasty. *Cornea* 2000;19:772-6.
4. Aldave AJ, Eagle RC, Streeten BW, et al. Congenital corneal opacification in De Barys syndrome. *Archives of Ophthalmology* 2001;119:285-8.
5. Aldave AJ, Gertner GS, Davis GH, et al. Bungee cord-associated ocular trauma. *Ophthalmology* 2001;108:788-92.
6. Aldave AJ, Hollander DA, Abbott, RL. Late-onset traumatic flap dislocation and diffuse lamellar keratitis after laser in situ keratomileusis. *Cornea* 2002;21:604-7.
7. Aldave AJ, Edward DP, Park AJ, et al. Central discoid corneal dystrophy. *Cornea* 2002;21:739-44.
8. Aldave AJ and Wong IG. A novel technique for harvesting keratolimbal allografts from corneoscleral buttons. *Am J Ophthalmol* 2002;135:929-31.
9. Aldave AJ, Shih JL, Jovkar S, McLeod SD. Peripheral keratitis associated with erythema elevatum diutinum. *Am J Ophthalmol* 2003;135:389-90.
10. Aldave AJ, Mabon M, Hollander DA, et al. Spontaneous corneal hydrops and perforation in keratoconus and pellucid marginal degeneration. *Cornea* 2003;22:169-74.
11. Crawford JB, Aldave AJ, McLeod SD, et al. Histopathological analysis of the cornea after laser in situ keratomileusis. *Arch Ophthalmol* 2003;121:896-8.
12. Aldave AJ, Yellore VS, Hwang DG. Atypical vortex pattern of corneal deposits in granular corneal dystrophy. *Cornea* 2003;22:754-9.
13. Warren JF, Aldave AJ, Srinivasan M, et al. Novel mutations in the CHST6 gene associated with macular corneal dystrophy in southern India. *Arch Ophthalmol* 2003;121:1608-12.
14. 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.
15. Aldave AJ, Lin DY, Principe AH, et al. Anterior basement membrane corneal dystrophy and pseudo-unilateral lattice corneal dystrophy in a patient with recurrent corneal erosions. *Am J Ophthalmol* 2004; 137:1124-6.

16. 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.
17. Principe AH, Lin DY and Aldave AJ. Macular hemorrhage after laser in situ keratomileusis (LASIK) with femtosecond laser flap creation. *American Journal of Ophthalmology* 2004; 138:657-9.
18. Aldave AJ, Yellore VS, Gutmark JG, et al. Lattice corneal dystrophy associated with the Ala546Asp and Pro551Gln missense changes in the *TGFBI* gene. *American Journal of Ophthalmology* 2004; 113:772-81.
19. Giaconi JA, Coleman AL, Aldave AJ. Epithelial downgrowth following surgery for congenital glaucoma. *American Journal of Ophthalmology* 2004; 138:1075-7.
20. Aldave AJ, Principe AH, Lin DY, et al. Lattice dystrophy-like localized amyloidosis of the cornea secondary to trichiasis. *Cornea* 2005; 24:112-5.
21. Aldave AJ, Yellore VS, Principe AH, et al. Candidate gene screening for posterior polymorphous dystrophy. *Cornea* 2005; 24:151-5.
22. Strauss EC, Aldave AJ, Spencer WH, et al. Management of prominent iris vascular tufts causing recurrent spontaneous hyphema. *Cornea* 2005; 24:224-6.
23. Yellore VS, Rayner S, Emmert-Buck L, Tabin GC, Raber I, Hannush SB, Stulting D, Sampat K, Momi R, Principe AH, and Aldave AJ. No pathogenic mutations identified in the *COL8A2* gene or four positional candidate genes in patients with posterior polymorphous corneal dystrophy. *IOVS* 2005; 46:1599-603.
24. Aldave AJ, Yellore VS, Rayner SA, et al. A unique corneal dystrophy of Bowman's layer and stroma associated with the Gly623Asp mutation in the transforming growth factor β -induced (*TGFBI*) gene. *Ophthalmology* 2005; 112:1017-22.
25. Aldave AJ, Hollander, DA, Branco B, et al. Primary graft failure associated with epithelial downgrowth. *BMC Ophthalmology* 2005; 5:11.
26. Aldave AJ, Rayner S, Principe AH, et al. Analysis of fifteen positional candidate genes for Schnyder crystalline corneal dystrophy. *Molecular Vision* 2005; 11:713-6.
27. Aldave AJ, Rayner SA, Kim BT, et al. Unilateral lattice corneal dystrophy associated with the novel His572del mutation in the *TGFBI* gene. *Molecular Vision* 2006; 12:142-6.
28. Aldave AJ, Rayner SA, King JA, et al. No pathogenic mutations identified in the *TGFBI* gene in polymorphic corneal amyloid deposition. *Cornea* 2006; 25:413-5.

29. Aldave AJ, King JA, Kim BT and Hopp L. Corneal copper deposition associated with chronic lymphocytic leukemia. *American Journal of Ophthalmology* 2006; 142:174-6.
30. Aldave AJ, Yellore VS, Rayner SA, et al. No *VX1* gene mutations associated with keratoconus. *IOVS* 2006; 47:2820-2.
31. Aldave AJ, Rayner SA, Salem AS, et al. No pathogenic mutations identified in the *COL8A1* and *COL8A2* genes in familial Fuchs corneal dystrophy. *IOVS* 2006; 47: 3787-90.
32. 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.
33. Aldave AJ, Sonmez B, Forstot SL et al. A clinical and histopathologic examination of accelerated TGFBIp deposition after LASIK in combined granular-lattice corneal dystrophy. *Am J Ophthalmol* 2007; 143:416-9.
34. Yellore VS, Papp JC, Khan MA, Rayner SA, Sobel E, Farber DB and Aldave AJ. Replication and refinement of linkage of posterior polymorphous corneal dystrophy to the posterior polymorphous corneal dystrophy 1 locus on chromosome 20. *Genetics in Medicine* 2007; 9:228-34.
35. Aldave AJ, Sonmez B, Bourla N, Schultz G, Papp JC, Salem AK, Rayner SA, and Yellore VS. Autosomal dominant cornea plana is not associated with pathogenic mutations in *DCN*, *DSPG3*, *FOXCI*, *KERA*, *LUM*, or *PITX2*. *Ophthalmic Genetics* 2007; 28:57-67.
36. Aldave AJ, Yellore VS, Bourla N, Momi RS, Khan MA, Salem AK, Rayner SA, Glasgow BJ and Kurtz, I. Autosomal recessive CHED associated with novel compound heterozygous mutations in *SLC4A11*. *Cornea* 2007; 26:896-900.
37. Aldave AJ, Bourla N, Yellore VS, et al. Keratoconus is not associated with mutations in *COL8A1* and *COL8A2*. *Cornea* 2007; 26:963-5.
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None

F. Research Papers – Non-Peer Reviewed (Submitted)

None

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EDITORIALS

None

CASE STUDIES

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ABSTRACTS

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