

David Huang, MD, PhD

Date: January 5, 2008

CURRICULUM VITAE

A. Personal Information:

Name in Full	David Huang
Business Address	Doheny Eye Institute 1450 San Pablo Street, DEI 5702 Los Angeles, CA 90033
Business Phone	(323) 442-6710
Business Fax	(323) 442-6517
Place of Birth	Taiwan
Citizenship	U.S.A.
E-Mail Address	dhuang@usc.edu

B. Education:

High School	Avoca Central School, Avoca, NY, 1981
College	Massachusetts Institute of Technology, B.S., 1985 Electrical Engineering
Graduate School	Massachusetts Institute of Technology, M.S., 1989 Electrical Engineering Massachusetts Institute of Technology, Ph.D., 1993 Medical Engineering & Medical Physics
Medical School	Harvard Medical School, M.D., 1993
Internship	Mercy Hospital, San Diego, July 1993-June 1994, Transitional-Year Internship
Residencies	University of Southern California, July 1994-June 1997, Ophthalmology
Fellowship	Emory University, July 1997-June 1998 Cornea, external diseases, and refractive surgery
Licensure	California, 1995-current (Certificate G 81104) Georgia, 1997, inactive 2001 (Certificate 043392) Ohio, 1998-current (Certificate 35-07-4924-H)
Board Certification	American Board of Ophthalmology, 1999

C. Professional Background:

Academic appointments

Associate Staff in Refractive Surgery, Cornea, and Biomedical Engineering, Cleveland Clinic Foundation, October 1998-August 2004

Assistant Professor of Ophthalmology, Ohio State University, 1999-2003

Adjunct Assistant Professor of Biomedical Engineering, Ohio State University, 1999-2004

Adjunct Assistant Professor of Biomedical Engineering, Case University, 1999-present

Associate Professor of Ophthalmology, University of Southern California, 2004-present

Associate Professor of Biomedical Engineering (secondary), University of Southern California, 2007-present

Charles C. Manger III, MD Chair in Corneal Laser Surgery, 2007-present.

Honors and Awards

EDUCOM/NCRIPTAL National Award for Best Engineering Software, 1990

Clement Vaturi Fellowship in Biomedical Imaging, 1992-1993

Nesburn Award for Best Research Paper Submitted by a Resident, presented at Los Angeles Society of Ophthalmology meeting, 1996

American Academy of Ophthalmology Achievement Award, 2004

Best Paper of Session Award in Intraocular Surgery: Precision in IOL Surgery, *American Society of Cataract and Refractive Surgery Annual Meeting*, San Diego, 2007.

Charles C. Manger III, MD Chair in Corneal Laser Surgery, First Chair Holder, 2007.

Best Doctors in America® 2007-2008.

Qualified and listed at [Trusted LASIK Surgeons](#), a LASIK surgeons directory service that screens LASIK surgeons based on research, experience, and premier patient care.

Specific teaching responsibilities (list courses taught)

Continuing Medical Education

1. D Huang, R Applegate, RR Krueger, RD Stulting, G Pettit, "Constructing LASIK nomograms for the correction of spherical, astigmatic, and higher order refractive errors," *American Academy of Ophthalmology Annual Meeting, Dallas, TX, October 2000*
2. D Huang, "Flap Issues in LASIK," *American Academy of Ophthalmology, Dallas, TX, October 2000*
3. D Huang, R Applegate, RR Krueger, RD Stulting, G Pettit, "Constructing LASIK nomograms for the correction of spherical, astigmatic, and higher order refractive errors," *American Academy of Ophthalmology Annual Meeting, Dallas, TX, October 2001*
4. D Huang, D Dueker, P Kaiser, JS Schuman, SD Smith. "Optical coherence tomography," *American Academy of Ophthalmology Annual Meeting, Orlando, FL, October 2002*
5. D Huang, G. Baikoff, D Dueker, P Kaiser, JS Schuman, SD Smith. "Optical coherence tomography," *American Academy of Ophthalmology Annual Meeting, Anaheim, CA, November 15-18, 2003*
6. D Huang, GD Baikoff, SD Smith, "Corneal and anterior segment optical coherence tomography," *American Academy of Ophthalmology Annual Meeting, New Orleans, LA, October 23-26, 2004*
7. D Huang, BC Chauhan, EJ Rockwood, JS Schuman, SD Smith, "Advanced Imaging for Glaucoma," *American Academy of Ophthalmology Annual Meeting, New Orleans, LA, October 23-26, 2004*
8. Course Director of "Refractive Surgery Update," Doheny Eye Institute, University of Southern California, 2004
9. JC Song, D Huang, "VISX Laser Certification Course," Doheny Eye Institute, University of Southern California, 2004
10. D Huang, GD Baikoff, SD Smith, "Corneal and anterior segment optical coherence tomography," *American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 15-18, 2005*
11. D Huang, JS Schuman, D Garway-Heath, RD Fechtner, "Quantitative Imaging for Glaucoma," *American Academy of Ophthalmology Annual Meeting, Chicago, IL, October 15-18, 2005*
12. Course Director of "Refractive Implants," Doheny Eye Institute, University of Southern California, 2005
13. JC Song, D Huang, "VISX Laser Certification Course," Doheny Eye Institute, University of Southern California, 2005
14. G Baikoff, J Guell, D Huang, IK Ahmed, J Vukich, "Anterior Segment Imaging with Optical Coherence Tomography," *American Society of Cataract and Refractive Surgery Annual Meeting, San Francisco, CA, March 18-20, 2006*

15. D Huang, GD Baikoff, V Chopra, "Corneal and anterior segment optical coherence tomography," American Academy of Ophthalmology Annual Meeting, Las Vegas, NV, November, 2006
16. D Huang, JS Schuman, D Garway-Heath, LM Zangwill, "Quantitative Imaging for Glaucoma," American Academy of Ophthalmology Annual Meeting, Las Vegas, NV, November, 2006
17. JC Song, D Huang, "VISX Laser Certification Course," Doheny Eye Institute, University of Southern California, 2006
18. D Huang, JS Schuman, D Garway-Heath, FA Medeiros, "Quantitative Imaging for Glaucoma," American Academy of Ophthalmology Annual Meeting, New Orleans, LA, November 10-13, 2007
19. D Huang, JI Lim, A Fawzi, S Chang, "Fourier-Domain Optical Coherence Tomography in Retinal Diseases," American Academy of Ophthalmology Annual Meeting, New Orleans, LA, November 10-13, 2007

Resident & Fellow Physician Education

Lectures to residents and fellows at the Cole Eye Institute, 2000-2003: “Physical Optics,” “Ophthalmic Optics,” “Optical Coherence Tomography,” “Refractive Surgery Diagnostics,” “LASIK Complications”

Teaching of surgery and clinical ophthalmology to residents and fellows at the Cleveland Clinic Cole Eye Institute, 1998-2004

Lectures to residents and fellows at the Department of Ophthalmology, University of Southern California Keck School of Medicine, 2005: “Corneal Degenerative and Ectatic Diseases,” “Refractive surgery Diagnostics,” “Microkeratomes,” “Refractive Surgery Procedures”

Lectures to residents and fellows at the Department of Ophthalmology, University of Southern California Keck School of Medicine, 2006: “Degenerative and Aging Processes of the Eye,” “Clinical Approach to Corneal Ectasia” “Basic Concepts of Corneal Transplantation,” “Clinical Approach to Corneal Transplantation”

Teaching of surgery and clinical ophthalmology to residents and fellows at the Department of Ophthalmology, University of Southern California Keck School of Medicine, 2004-present

Medical Student Education

Lecture on “The Red Eye” to medical students at the Ohio State University in 2001

Graduate Education

University of Southern California *BME 533 Biomedical Engineering Graduate Seminar* lecture “Optical Coherence Tomography of the Eye”, September 17, 2007

University of Southern California *BME 505 Lab Biomedical Engineering Laboratory Rotations Program*, graduate student research advisor

University of Southern California *BME670 Early Visual Processing* lecture “Optical Coherence Tomography of the Retina”, October 8, 2007

Undergraduate Education

Case University EBME 313 Undergraduate biomedical engineering laboratory, Fall 2002. Instructor of laboratory session on optical coherence tomography

University of Southern California Biomedical Engineering Seminar lecture “Optical Coherence Tomography in the Anterior Segment of the Eye”, October 2004

University of Southern California Biomedical Engineering Seminar lecture “Optical Coherence Tomography of the Eye”, February 27, 2006

Supervision of trainees

Clinical Fellow Clinical & Surgical Training

Navin Tekwani, MD, Cleveland Clinic cornea fellow, 2000-2001

Farnaz Memarzadeh, MD, USC cornea fellow, 2005-2006

Jin Reiser, MD, USC cornea fellow, 2006-2007

Derek Montgomery, MD, USC cornea fellow, 2006-2007

Sandhya Iyer, MD, USC cornea fellow, 2007

Victoria Chen-Espinoza, MD, USC cornea fellow, 2007

Resident & Fellow Physician Research Preceptorship

Bennie Jeng, MD, Cleveland Clinic ophthalmology resident, 2001

Navin Tekwani, MD, Cleveland Clinic cornea fellow, 2001-2002

Jason Goldsmith, MD, Cleveland Clinic ophthalmology resident, 2002-3

Maria Regina Catai Chalita, MD, Cleveland Clinic cornea research fellow 2002-3

Farnaz Memarzadeh, MD, USC cornea fellow, 2005-2006

Gisele Li, MD, USC glaucoma fellow, 2005-2006

Mariana Pereira de Avila, MD, USC research fellow, 2005-2006

Harsha Reddy, MD, USC ophthalmology resident, 2005-2006

Rahul Khurana, MD, USC ophthalmology resident, 2005-2006

Michael Lai, MD, USC ophthalmology resident, 2005-2006

Bibiana Jin Reiser, MD, USC cornea fellow, 2006-2007

Mingwu Wang, MD, USC ophthalmology resident, 2007-2008

Sandhya Iyer, MD, USC cornea fellow, 2007-2008

Jose Luis Ramos, MD, USC research fellow, 2007-2008

Medical Student Research Supervision

Julie Schallhorn, USC medical student, 2006-2007

Pho Nguyen, USC medical student, 2007

Gilbert Essilfie, USC medical student, 2007

Omar Ragab, USC medical student, 2007

Graduate Student Research Supervision

Ph.D. thesis advisor for Maolong Tang, PhD student in Biomedical Engineering, Ohio State University, 2000-2005

Ph.D. thesis advisor for Yan Li, PhD student in Biomedical Engineering, Case University 2000-2007

M.S. thesis advisor, Sung Wook Jeon, MS student in Biomedical Engineering, Case University 2002-2005

Ph.D. thesis advisor, Roger Lin, MD-PhD student in Biomedical Engineering, Case University 2002-2006

Specific administrative responsibilities (school or university committees, etc)

Medical Director of Doheny Laser Vision Center, University of Southern California, 2004-present

Member, Residency Education Subcommittee, Doheny-USC Ophthalmology Faculty Planning Retreat, February 9-10, 2007

Natural Sciences, Math and Engineering subcommittee of the USC University Committee on Curriculum for year 2007-08

Military Service

U.S. Army Reserve Infantry 1983-85. U.S. Army Reserve Medical Corp 1985-1996.
Honorable discharge with rank of captain

Community Service

None.

Professional Service

Editorial Board Membership

Member, Editorial Board, Journal of Cataract & Refractive Surgery, July 2002-present

Member, Editorial Board, Ophthalmic Surgery Lasers & Imaging, May 2002-present

Member, Guest Editorial Board, Investigative Ophthalmology & Visual Science,
December, 2000-present

Conferences

Session chair, *Wavefront Sensing and Adaptive Optics in Vision Correction*, Gordon
Conference on Lasers in Medicine and Biology, July 14-19, 2002

Moderator, Advances in Anterior Segment Imaging Symposium, *Association for
Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 30-May 4,
2006

Co-chair, Ocular Imaging Symposium, Asia ARVO (Association for Research in Vision
& Ophthalmology) Meeting, March 2-5, 2007

Co-Moderator, *New Technologies for In Vivo Imaging in the Eye Symposium*,
Association for Research in Vision & Ophthalmology Annual Meeting, Fort
Lauderdale, FL, May 6-10, 2007

National Institutes of Health Scientific Review Panel Membership

ZRG1 BDCN-F, Visual System, November 15-16, 2004

ZRG1 BDCN-F, Visual System, June 19-20, 2006

ZRG1 BDCN-F, Visual System, March 12, 2007

ZEY1 VSN04, Special Emphasis Panel, June 29, 2007

Other employment or activity

Cofounder, Advanced Ophthalmic Devices, Inc., Boston, MA, 1992 – 1993. This
company was formed for the development of optical coherence tomography.
AOD was acquired by Humphrey Instruments, Inc.

Committee membership

Nationally/Internationally

Member, Committee on Ophthalmic Procedures Assessment (COPA) Refractive Surgery Panel, American Academy of Ophthalmology, July-December, 2000.

Member, Ophthalmic Technology Assessment Committee (OTAC) Refractive Surgery Panel, American Academy of Ophthalmology, January 1, 2000-present.

Founding Governing Board Member, International Society for Imaging in the Eye, 2002 - present.

Member, Program Committee, Association for Research in Vision and Ophthalmology, 2004 – 2006.

Co-Chair, Cornea Section of the Annual Meeting Program Committee, Association for Research in Vision and Ophthalmology, 2006-2007.

Member, Specialty Corneal Allograft Council, Tissue Banks International, October 2005 – present

D. Society Memberships

National and International

American Academy of Ophthalmology

American Society of Cataract and Refractive Surgery

Association for Research in Vision and Ophthalmology

International Society for Imaging in the Eye

State

Max Fine Society

City

Los Angeles Society of Ophthalmology

E. Consultantships:

Member, Data Safety Monitoring Board, “A Two-Phase Pilot/Pivotal Study to Evaluate the Efficacy and Safety of the Trans Corneal Glaucoma Shunt in Patients with Glaucoma,” study sponsored by Becton Dickenson, 2006-present.

Member, Scientific and Medical Advisory Board, Optovue, Inc., 2006-present.

F. Research Activities

Major Areas of Research Interest

Optical coherence tomography (OCT).
Refractive surgery.
Corneal transplantation – lamellar keratoplasty.
Visual optics.
Corneal topography.
Keratoconus.
Glaucoma.
Imaging-guided intervention.
Surgical instrumentation.

Research in Progress

Advanced imaging for glaucoma.
Corneal and anterior segment optical coherence tomography.
OCT for retinal diseases.
Optical coherence domain reflectometry in brain probe.

Research Grants , Pending

\$Total direct cost listed

- | | | |
|---|--------------------------------|-------------|
| 1. Guiding the Treatment of Anterior Eye Disease with Optical Coherence Tomography
NIH/NEI R01 EY018184
2008-2010 | Principal Investigator (25%) | \$825,000 |
| 2. Corneal and Anterior Segment Optical Coherence Tomography (Huang)
Optovue, Inc.
5/01/2007-4/30/2009 | Co-Principal Investigator (3%) | \$145,878 |
| 3. Optical Coherence Tomography Glaucoma Algorithm (Huang)
Optovue, Inc.
2/15/2007-2/15/2008 | Principal Investigator (5%) | \$36,176 |
| 4. Eye Bank Cornea Screening with Optical Coherence Tomography (Huang)
NIH/NEI R01 EY017723
8/1/2006-7/31/2010 | Principal Investigator (20%) | \$1,022,230 |
| 5. Advanced Imaging for Glaucoma (Huang)
NIH/NEI R01 EY013516
9/30/2003-8/31/2008 | Principal Investigator (40%) | \$5,874,596 |

Research Grants, Past	\$Total direct cost listed
1. Contact Lens Trial (Huang) Vistakon, Inc. 9/25/2006-3/31/2007 Principal Investigator	\$66,400
2. Ethnic Eye Survey (Huang) Vistakon, Inc. 10/27/2006-6/30/2007 Principal Investigator	\$60,800
3. Corneal and Anterior Segment Optical Coherence Tomography (Huang) Optovue, Inc. 3/01/2006-11/30/2006 Principal Investigator	\$20,322
4. Corneal and Anterior Segment Optical Coherence Tomography (Huang) Zeiss Humphrey Systems, Inc. 01/01/2005-12/31/2006 Principal Investigator	\$260,224
5. Optical Coherence Domain Reflectometry in Brain Probes (Huang) NIH/NIBIB R21 EB002718 9/30/2003-8/31/2005 Principal Investigator	\$275,000
6. Corneal and Anterior Segment Optical Coherence Tomography (Huang) Carl Zeiss Meditec, Inc. 9/30/2003-8/31/2004 Principal Investigator .	\$108,952
7. Partnership for Research in Optical Coherence Tomography (Izatt) NIH/NEI R24 EY13015 10/01/1999-09/30/2004 Site Principal Investigator	\$957,301
8. Modeling the corneal epithelial smoothing function after laser refractive surgery (Huang) Whitaker Foundation 09/01/2000-08/31/2003 Principal Investigator	\$224,610
9. Glaucoma and Corneal Applications of Optical Coherence Tomography (Huang) Zeiss Humphrey Systems, Inc. 06/01/2000-4/1/2003 Principal Investigator	\$50,000

Active Clinical Studies

1. Co-Principal Investigator on “Corneal and Anterior Segment Optical Coherence Tomography” sponsored by Optovue, Inc., 2008-20096.
2. Principal investigator on NIH “Advanced Imaging for Glaucoma” multi-center clinical study coordinating center, 2003-2008.

Past Clinical Trials

1. Co-investigator on Alcon Summit Autonomous FDA Phase III Trial on “LASIK for hyperopia with and without astigmatism and mixed astigmatism” 1999-2000.
2. Co-investigator on Alcon FDA Phase III Trial “CustomCornea LASIK Treatment Study,” Protocol# 7201-0026 and “CustomCornea Ocular Irregularities LASIK Study,” Protocol# 7201-0028, 2002-2003.
3. Principal investigator on NIH “Partnership for Research in Optical Coherence Tomograph,” OCT for corneal, anterior segment, and retinal imaging, 1999-2004.
4. Principal investigator on “Corneal and Anterior Segment Optical Coherence Tomography” sponsored by Carl Zeiss Meditec, Inc., 2005-2006.

BIBLIOGRAPHY

PATENTS

1. E.A. Swanson, D. Huang, J.G. Fujimoto, C.A. Puliafito, C.P. Lin, J.S. Schuman. "Methods and Apparatus for Optical Imaging with means for controlling the longitudinal range of the sample." U.S. patent No. 5,321,501, issued June 14, 1994.
2. R.C. Lee, D. Huang, "Method for producing oriented connective tissue cells in a ligament configuration." U.S. patent No. 5,521,087, issued May 28, 1996
3. R.C. Lee, D. Huang, "Method for producing oriented connective tissue cells." U.S. patent No. 5,700,688, issued December 23, 1997.
4. R.C. Lee, D. Huang, "Method for producing oriented connective tissue." U.S. patent No. 5,756,350, issued May 26, 1998.
5. D. Huang, P.J. McDonnell, "Apparatus and Method for Performing Laser Thermal Keratoplasty with Minimized Regression" U.S. patent No. 6,033,396, issued March 7, 2000, expires November 6, 2016.
6. J. Wei, D. Huang, C. Peterson, "Optical Coherence tomography with New Interferometer" U.S. Patent No. 6,053,613, issued April 25, 2000.
7. D. Huang, A.R. Kirschbaum, J. Wei, "Method and Apparatus for Diagnosing and Monitoring Eye Disease" U.S. Patent No. 6,293,674, issued September 25, 2001.
8. D. Huang, "Apparatus and Methods for Performing Laser Thermal Keratoplasty with Minimized Regression" U.S. patent No. 6,520,956, issued February 18, 2003, expires November 6, 2016.

PENDING PATENTS

9. Jay Wei, Ben Jang, D. Huang, Yonghua Zhao, "A Method of Eye Examination by Optical Coherence Tomography " U.S. application filed March 1, 2007.
10. D. Huang, Yimin Wang, "Method for Total Retinal Flow Measurement" U.S. provisional patent application filed April 10, 2007.
11. D. Huang, Ou Tan, "Mapping and Diagnosis of Macular Edema by Optical Coherence Tomography" U.S. patent application serial number 11/743,135 filed May 23, 2007.
12. D. Huang, Maolong Tang, "Gaussian Fitting on Mean Curvature Maps for Parameterization of Corneal Ectatic Diseases" U.S. patent application serial number 11/743,136 filed May 23, 2007.
13. D. Huang, Jonathan Song, Yan Li, Maolong Tang, "Method and Apparatus to Guide Laser Corneal Surgery with Optical Measurement" U.S. patent application filed June 1, 2007.
14. D. Huang, Ou Tan, "Pattern Analysis of Retinal Map for the Diagnosis of Optic Nerve Diseases by Optical Coherence Tomography" U.S. provisional patent application filed July 26, 2007

PEER REVIEWED ARTICLES

1. Huang D, Wang J, Lin CP, Puliafito CA, Fujimoto JG. Micron-resolution ranging of cornea and anterior chamber by optical reflectometry." *Lasers in Surgery and Medicine* 1991; 11: 419-25
2. Huang D, Swanson EA, Lin CP, Schuman JS, Stinson WG, Chang W, Hee MR, Flotte T, Gregory K., Puliafito CA, Fujimoto JG. Optical coherence tomography. *Science* 1991; 254:1178-81.
3. Gabetta G, Huang D, Jacobson J, Ramaswamy M, Ippen EP, Fujimoto JG. Femtosecond pulse generation in Ti:Al₂O₃ using a microdot mirror modelocker. *Optics Letters* 1991; 16:1756-8.
4. Swanson EA, Huang D, Hee MR, Fujimoto JG, Lin CP, Puliafito CA. High-speed optical coherence domain reflectometry. *Optics Letters* 1992; 17:151-3.
5. Huang D, Ulman M, Acioli LH, Haus HA, Fujimoto JG. Self-focusing induced saturable loss for laser modelocking. *Optics Letters* 1992; 17:511-3.
6. Hee MR, Huang D, Swanson EA, Fujimoto JG. Polarization sensitive low coherence reflectometer for birefringence characterization and ranging. *Journal of the Optical Society of America B: Optical Physics* 1992; 9:903-8.
7. Weiss TF, Trevisan G, Doering EB, Shah DM, Huang D, Berkenblit SI. "Software for teaching physiology and biophysics," *Journal of Science Education and Technology* 1992; 1:4-23.
8. Huang D, Chang TR, Aggarwal A, Lee RC, Ehrlich HP. Mechanisms and dynamics of mechanical strengthening in ligament-equivalent fibroblast-populated collagen matrices. *Annals of Biomedical Engineering* 1993; 21:289-98.
9. Swanson EA, Izatt JA, Hee MR, Huang D, Lin CP, Schuman JS, Puliafito CA, Fujimoto JG. In vivo retinal imaging by optical coherence tomography *Optics Letters* 1993; 18:1864-6.
10. Izatt JA, Hee MR, Swanson EA, Lin CP, Huang D, Schuman JS, Puliafito CA, Fujimoto JG. Micrometer-scale resolution imaging of the anterior eye in vivo with optical coherence tomography. *Archives of Ophthalmology* 1994; **112**:1584-9.
11. Hee MR, Izatt JA, Swanson EA, Huang D, Schuman JS, Lin CP, Puliafito CA, Fujimoto JG. Optical coherence tomography of the human retina. *Archive of Ophthalmology* 1995; 113:325-32.
12. Huang D, Stulting RD, Carr JD, Thompson KP, Waring GO III. Multiple regression and vector analyses of refractive outcomes of laser in-situ keratomileusis for myopia and astigmatism. *Journal of Refractive Surgery* 1999; 15:538-49.
13. Huang D, Sur S, Seffo F, Meisler D, Krueger RR. Surgically-Induced Astigmatism Associated with Spherical Laser in-situ Keratomeileusis for Myopia. *Journal of Refractive Surgery* 2000; 16(5):515-18.

14. Jeng BH, Huang D. Anterior chamber stability during bimanual irrigation/aspiration: theoretical and experimental analysis. *Journal of Cataract & Refractive Surgery* 2001; 27:1670-8.
15. Rapuano CJ, Sugar A, Koch DD, Agapitos PJ, Culbertson WW, de Louise VP, Huang D, Varley GA. Intrastromal corneal ring segments for low myopia: a report by the American Academy of Ophthalmology. *Ophthalmology* 2001; 108(10): 1922-8.
16. Pineda-Fernandez A, Rueda L, Huang D, Nur J, Jarmillo J. Laser in situ keratomileusis for hyperopia and hyperopic astigmatism with the Nidek EC-5000 excimer laser. *Journal of Refractive Surgery* 2001; 17(6):670-675.
17. Sugar A, Rapuano CJ, Culbertson WW, Huang D, Varley GA, Agapitos PJ, de Louise VP, Koch DD. Laser in situ keratomileusis for myopia and astigmatism: safety and efficacy; a report by the American Academy of Ophthalmology. *Ophthalmology* 2002; 109(1):175-187.
18. Huang D, Arif M, Spot Size and Quality of Scanning Laser Correction of Higher Order Wavefront Aberrations. *Journal of Cataract & Refractive Surgery* 2002;28(3):407-416.
19. Rueda L, Pineda-Fernandez A, Huang D, Nur J. Laser in situ keratomileusis for mixed and simple myopic astigmatism with the Nidek EC-5000 laser. *Journal of Refractive Surgery* 2002; 18(3):234-238.
20. Tekwani N, Huang D. Risk Factors for Microkeratome-Related Epithelial Defect. *American Journal of Ophthalmology* 2002; 134(3):311-16.
21. Huang D, Tang M, Shekhar R. Mathematical Model of Corneal Surface Smoothing after Laser Refractive Surgery. *American Journal of Ophthalmology*, 2003; 135(3):267-278.
22. Garcia ML, Huang D, Crowe S, Traboulsi EI. Relationship between the axis and degree of high astigmatism and obliquity of palpebral fissure. *Journal of American Association for Pediatric Ophthalmology and Strabismus (AAPOS)*, 2003; 7(1):14-22.
23. Lin RC, Shure MA, Rollins AM, Izatt JA. Huang D. Group index of human cornea at 1.3 μm wavelength obtained *in vitro* by optical coherence domain reflectometry. *Optics Letters*, 2003; 29(1):83-85.
24. Varley GA, Huang D, Rapuano CJ, Schallhorn S, Boxer Wachler BS, Sugar A. LASIK for hyperopia, hyperopic astigmatism, and mixed astigmatism: a report by the American Academy of Ophthalmology. *Ophthalmology* 2004; 111(8):1604-1617.
25. Jeon SW, Shure MA, Rollins AM, Huang D. Corneal hydration imaging using dual-wavelength optical coherence tomography. *Proceedings of SPIE* 2004; 5316:113-118.
26. Huang D, Li Y, Radhakrishnan S, Optical coherence tomography of the anterior segment of the eye. *Ophthalmology Clinic of North America* 2004; 17(1):1-6.
27. Goldsmith JA, Li Y, Chalita MR, Westphal V, Patil CA, Rollins AM, Izatt JA, Huang D. Anterior chamber width measurement by high-speed optical coherence tomography. *Ophthalmology* 2005; 112(2):238-244.
28. Tang M, Shekhar R, Huang D, Mean curvature mapping for the detection of corneal shape abnormality. *IEEE Transaction on Medical Imaging* 2005; 24(3): 424-427.

29. Thorell WE, Chow MM, Prayson RA, Shure MA, Jeon SW, Huang D, Zeynalov E, Woo HH, Rasmussen PA, Masaryk TJ, Optical coherence tomography: a new method to assess aneurysm healing. *Journal of Neurosurgery* 2005; 102:348-354.
30. Radhakrishnan S, Goldsmith J, Huang D, Westphal V, Dueker DK, Rollins AM, Izatt JA, Smith SD. Comparison of optical coherence tomography and ultrasound biomicroscopy for detection of narrow anterior chamber angles. *Archive of Ophthalmology* 2005; 123:1053-1059.
31. Radhakrishnan S, Huang D, Smith SD. Optical coherence tomography imaging of the anterior chamber angle. *Ophthalmology Clinics of North America* 2005; 18(3):375-381.
32. Tang M, Shekhar R, Miranda D, Huang D. Characteristics of keratoconus on mean curvature and elevation maps. *American Journal of Ophthalmology* 2005; 140(6):993-1001.
33. Chalita, MR, Li Y, Smith S, Patil C, Westphal V, Rollins AM, Izatt JA, Huang D. High-speed optical coherence tomography of laser iridotomy. *American Journal of Ophthalmology* 2005; 140(6):1133-1136.
34. Jeon SW, Shure MA, Baker KB, Chahlavi A, Hatoum N, Turbay M, Rollins AM, Huang D. Optical Coherence Tomography and Optical Coherence Domain Reflectometry for Deep Brain Stimulation probe guidance. *Proceedings of SPIE* 2005; 5686:487-494.
35. Jeon SW, Shure MA, Baker KB, Huang D, Rollins, AM, Chahlavi A, and Rezai AR, A feasibility study of optical coherence tomography for guiding deep brain probes. *J Neurosci Methods* 2006; 154(1-2):96-101.
36. Li Y, Shekhar R, Huang D, Corneal pachymetry mapping with high-speed optical coherence tomography, *Ophthalmology* 2006; 113(5):792-799.
37. Sadda SR, Tan O, Walsh AC, Schuman JS, Varma R, Huang D, Automated detection of clinically significant macular edema by grid scanning optical coherence tomography, *Ophthalmology* 2006; 113(7):1187-1196.
38. Torres LF, Saez-Espinola F, Colina JM, Retchkiman M, Patel MR, Agurto R, Garcia G, Diaz JL, Huang D, Schanzlin DJ, Chayet AS. In vivo architectural analysis of 3.2 mm clear corneal incisions for phacoemulsification using optical coherence tomography. *Journal of Cataract & Refractive Surgery* 2006; 32(11): 1820-1826.
39. Avila M, Li Y, Song JC, Huang D. High-speed optical coherence tomography for post-LASIK management. *Journal of Cataract & Refractive Surgery* 2006; 32(11): 1836-1842.
40. Tang M, Li Y, Avila M, Huang D. Measurement of total corneal power before and after LASIK with high-speed optical coherence tomography. *Journal of Cataract & Refractive Surgery* 2006; 32(11):1843-1850.
41. Lai MM, Tang M, Andrade EMM, Li Y, Khurana RN, Song JC, Huang D. Assessing intrastromal corneal ring segment depth in keratoconic eyes using optical coherence tomography. *Journal of Cataract & Refractive Surgery* 2006; 32(11): 1860-1865.
42. Sehi M, Guaqueta DC, Feuer WJ, Greenfield DS; Advanced Imaging in Glaucoma Study Group. Scanning laser polarimetry with variable and enhanced corneal compensation in normal and glaucomatous eyes. *Am J Ophthalmol.* 2007; 143(2): 272-279

43. Bakri SJ, Singh AD, Lowder CY, Chalita MR, Li Y, Izatt JA, Rollins AM, Huang D. Imaging of iris lesions with high-speed optical coherence tomography. *Ophthalmic Surgery, Lasers & Imaging* 2007; 38(1): 27-34.
44. Pedersen CJ, Huang D, Shure MA, Rollins AM. Measurement of absolute flow velocity vector using dual-angle delay-encoded Doppler optical coherence tomography. *Optics Letters* 2007; 32(5): 506-508.
45. Lin RC, Li Y, Tang M, McLain M, Rollins AM, Izatt JA, Huang D. Screening for previous refractive surgery in eye bank corneas using optical coherence tomography, *Cornea* 2007; 26(5):594-599.
46. Li Y, Netto MV, Shekhar R, Krueger RR, Huang D, A longitudinal study of LASIK flap and stromal thickness with high-speed optical coherence tomography, *Ophthalmology* 2007; 114(6):1124-1132.
47. Khurana RN, Li Y, Tang M, Lai MM, Huang D, High-speed optical coherence tomography of corneal opacities, *Ophthalmology* 2007; 114(7):1278-1285.
48. Memarzadeh F, Li Y, Francis BA, Smith RE, Gutmark J, Huang D, Optical coherence tomography of the anterior segment in secondary glaucoma with corneal opacity after penetrating keratoplasty, *Br J Ophthalmol* 2007; 91(2):189-92.
49. Memarzadeh F, Li Y, Chopra V, Varma R, Francis BA, Huang D. Anterior segment optical coherence tomography for imaging the anterior chamber following laser peripheral iridotomy. *Am J Ophthalmol* 2007; 143(5) 877-9.
50. Radhakrishnan S, See J, Smith SD, Nolan WP, Ce Z, Friedman DS, Huang D, Li Y, Aung T, Chew PTK, "Reproducibility of anterior chamber angle measurements obtained with anterior segment optical coherence tomography," *Inv Ophthalm Vis Sci* 2007; 48(8):3683-8.
51. Reddy HS, Li Y, Yiu SC, Irvine JA, Huang D, Optical coherence tomography of corneal and scleral melts, *Ophthalmic Surg Lasers Imaging* 2007; 38(6):514-7.

ARTICLES IN PRESS

52. Memarzadeh F, Tang M, Li Y, Chopra V, Francis BA, Huang D. Optical coherence tomography assessment of angle anatomy changes after cataract surgery. *Am J Ophthalmol*. in press.
53. Su DHW, Friedman DS, See JLS, Chew PTK, Chan YH, Nolan WP, Smith SD, Huang D, Zheng C, Li Y, Foster, PJ, Aung T. Degree of Angle Closure and Extent of Peripheral Anterior Synchia: An Anterior Segment OCT Study. *British Journal of Ophthalmology*, in press.
54. Wang Y, Bower BA, Izatt JA, Tan O, Huang D. In vivo total retinal blood flow measurement by Fourier domain Doppler optical coherence tomography. *J Biomed Optics* in press.

55. Tan O, Li Gisele, Lu ATH, Varma R, Advanced Imaging for Glaucoma Study Group, Huang D. Mapping of Macular Substructures with Optical Coherence Tomography for Glaucoma Diagnosis. *Ophthalmology*, in press.
56. Lu ATH, Wang M, Varma R, Schuman JS, Greenfield DS, Smith SD, Huang D, Advanced Imaging for Glaucoma Study Group. Combining nerve fiber layer parameters to optimize glaucoma diagnosis with optical coherence tomography. *Ophthalmology*, in press.

BOOKS

1. Huang D, Kaiser P, Lowder C, Traboulsi E, editors, *Retinal Imaging*, Elsevier Inc., Philadelphia, 2006.
2. Steinert R, Huang D, editors, *Anterior Segment Optical Coherence Tomography*, SLACK Inc., Thorofare, NJ, 2008.

BOOK CHAPTERS

1. J.A. Izatt, M.R. Hee, D. Huang, J.G. Fujimoto, E.A. Swanson, C.P. Lin, J.S. Schuman, C.A. Puliafito, "Optical coherence tomography for medical diagnostics," in *Medical Optical Tomography: Functional Imaging and Monitoring*, pp. 451-472, Society of Photo-Optical Instrumentation Engineers, Bellington, Washington (1993).
2. D. Huang, "Physics of Customized Cornea Ablation," in *Customized Corneal Ablation: The Quest for SuperVision*, 1st Edition, S. MacRae, R.R. Krueger, R. Applegate, Editors, SLACK, Inc. 2001.
3. M.R. Chalita, D. Huang, Y. Li, S. Radhakrishnan, "Tomografia de Coerencia Optica de Cornea e Segmento Anterior" in *Cirurgia Refractive*, M.R. Alves, W. Chamon, W. Nose, Editors, *Cultura Medica* 2003.
4. M.R. Chalita, D. Huang, Y. Li, S. Radhakrishnan, "Aspectos Basicos da Tomografia de Coerencia Optica de Cornea e Segmento Anterior (CAS OCT)" in *Cirurgia Refractiva*, M.R. Alves, W. Chamon, W. Nose, Editors, *Cultura Medica* 2003.
5. D. Huang, "Physics of Customized Cornea Ablation," in *Wavefront Customized Visual Correction: The Quest for SuperVision*, 2nd Edition, pp. 171-180. R. R. Krueger, R. A. Applegate, S. M. MacRae, Editors, SLACK, Inc. 2004.
6. D. Huang, Y. Li, S. Radhakrishnan, M.R. Chalita, "Corneal and anterior segment optical coherence tomography," in *Optical Coherence Tomography of Ocular Diseases*, 2nd Edition, J.S. Schuman, C.A. Puliafito, J.G. Fujimoto, Editors, SLACK, Inc. 2004.
7. Fujimoto JG, Hee MR, Huang D, Schuman JS, Puliafito CA, Swanson E. Optical coherence tomography: its history, how it works, and what its images show, *Everyday OCT: A Handbook for Clinicians and Technicians*, Schuman JS, Puliafito CA, Fujimoto JG, Editors, SLACK, Inc. 2006.

8. Huang D, Izatt JA. Physics and fundamentals of anterior segment optical coherence tomography. In: Steinert RF, Huang D, eds. *Anterior Segment Optical Coherence Tomography*. Thorofare, NJ: SLACK; 2008:1-10.
9. Li Y, Huang D. Keratoconus screening. In: Steinert RF, Huang D, eds. *Anterior Segment Optical Coherence Tomography*. Thorofare, NJ: SLACK; 2008:13-19.
10. Song JC, Huang D. Corneal opacities. In: Steinert RF, Huang D, eds. *Anterior Segment Optical Coherence Tomography*. Thorofare, NJ: SLACK; 2008:53-60.
11. Tang M, Huang D. Intacs intracorneal ring segments. In: Steinert RF, Huang D, eds. *Anterior Segment Optical Coherence Tomography*. Thorofare, NJ: SLACK; 2008:67-74.
12. Radhakrishnan S, Li Y, Huang D. Quantitative measurement of the anterior chamber angle with optical coherence tomography. In: Steinert RF, Huang D, eds. *Anterior Segment Optical Coherence Tomography*. Thorofare, NJ: SLACK; 2008:97-103.
13. Huang D, Izatt JA, Yasuno Y, de Boer JF. Future direction of anterior segment optical coherence tomography. In: Steinert RF, Huang D, eds. *Anterior Segment Optical Coherence Tomography*. Thorofare, NJ: SLACK; 2008:145-152.

NON-PEER-REVIEWED ARTICLES

1. J.A. Izatt, M.R. Hee, D. Huang, E.A. Swanson, C.P. Lin, J.S. Schuman, C.A. Puliafito, J.G. Fujimoto, "Micron-resolution biomedical imaging with optical coherence tomography," *Optics and Photonics News* p. 14, October 1993.
2. D. Huang, F. Seffo, C. Eshbaugh "Visualization of epithelium and LASIK flap with optical coherence tomography," in *LASIK: Customized Ablation & Quality of Vision* (CD-ROM), Ophthalmology Interactive, Boston (2000).
3. Rollins AM, Sivak MV, Radharkishnan S, Lass JH, Huang D, Cooper KD, Izatt JA. "Emerging clinical applications of optical coherence tomography" *Optics & Photonics News* April 2002; 37-41.
4. Huang D. "Optical coherence tomography: an emerging technology," *Ophthalmology Times*, May 15, 2002; 35-36.
5. Hall GS, Huang D, Sholtis M, Procop GW. "Microbiology No. MB-3 2003" *TechSample American Society for Clinical Pathology*, February 2003.

ABSTRACTS

1. D. Huang, T. Chang, A. Aggarwal, and R.C. Lee "Remodeling of ligament-like collagen matrices by human fibroblasts," 29th annual meeting of the American Society of Cell Biology at San Francisco, CA, February 1989.
2. D. Huang, C.L. Lin, J. Wang, J.G. Fujimoto, and C.A. Puliafito, "High resolution measurement of corneal and anterior eye structure using optical coherence domain reflectometry," The Association for Research in Vision and Ophthalmology Annual Meeting, Sarasota, FL, April 1990, *Invest Ophthalmol Vis Sci*, Supplement 30:244.
3. D. Huang, J. Wang, J.G. Fujimoto, C.P. Lin, and C.A. Puliafito, "Measurement of intraocular structure by optical coherence domain reflectometry," Technical Digest of the Conference on Lasers and Electro-Optics, CLEO '90, Anaheim, CA, May 1990, paper CFK 1, p. 522.
4. D. Huang, W.G. Stinson, J.S. Schuman, C.P. Lin, C.A. Puliafito, J.G. Fujimoto, "High resolution measurement of retinal thickness using optical coherence domain reflectometry," The Association for Research in Vision and Ophthalmology Annual Meeting, Sarasota, FL, April 1991, *Invest Ophthalmol Vis Sci*, Supplement 32:1019.
5. E. Swanson, D. Huang, J.G. Fujimoto, C.P. Lin, and C.A. Puliafito, "A fiber-optic reflectometer for high resolution ranging of intraocular structures," Technical Digest of the Conference on Lasers and Electro-Optics, CLEO '91, Baltimore, MD, May 1991, paper CTuS2, p. 150.
6. G. Gabetta, D. Huang, J. Jacobson, M. Ramaswamy, H.A. Haus, E.P. Ippen, J.G. Fujimoto, "Femtosecond Pulse Generation in Ti:Al₂O₃ using nonlinear intracavity elements," Technical Digest of the Conference on Lasers and Electro-Optics, CLEO '91, Baltimore, MD, May 1991, post-deadline paper CPDP8-1, p. 585.
7. M.R. Hee, E.A. Swanson, D. Huang, J.A. Izatt, C.P. Lin, J.S. Schuman, C.A. Puliafito, J.G. Fujimoto, "Optical Coherence Tomography," presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Sarasota, FL, April 1992.
8. J.A. Izatt, E.A. Swanson, M.R. Hee, D. Huang, J. Schuman, C.P. Lin, J.G. Fujimoto, "Quantative Assessment of Cataract Development with Optical Coherence Domain Reflectometry and Optical Coherence Tomography," presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Sarasota, FL, April 1992.
9. E.A. Swanson, M.R. Hee, D. Huang, J.A. Izatt, J.G. Fujimoto, C.P. Lin, J.S. Schuman, C.A. Puliafito, "Optical Coherence Tomography," presented at the Conference on Lasers and Electro-Optics, CLEO '92, Anaheim, CA, May 1992.
10. J.A. Izatt, E.A. Swanson, M.R. Hee, D. Huang, C.P. Lin, J.S. Schuman, C.A. Puliafito, J.G. Fujimoto, "In vivo imaging of the human retina with optical coherence tomography," presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Sarasota, FL, April 1993.
11. D. Huang, E.A. Swanson, M.R. Hee, J.A. Izatt, J.G. Fujimoto, C.P. Lin, J.S. Schuman, C.A. Puliafito, "Optical Coherence Domain Reflectometry and Optical Coherence Tomography," presented at the International Quantum Electronics Conference, Vienna, Austria, June 1992.

12. M.R. Hee, J.A. Izatt, E.A. Swanson, D. Huang, C.P. Lin, J.S. Schuman, C.A. Puliafito, J.G. Fujimoto, "Micron-resolution imaging of the anterior segment with optical coherence tomography," presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Sarasota, FL, April 1993.
13. E.A. Swanson, J.A. Izatt, M.R. Hee, D. Huang, J.G. Fujimoto, "*In vivo* measurements of human retinal structures with optical coherence tomography," Technical Digest of the Conference on Lasers and Electro-Optics, CLEO '93, Baltimore, MD, May 1993, paper CTuG4.
14. M.R. Hee, J.A. Izatt, E.A. Swanson, D. Huang, C.P. Lin, J.S. Schuman, C.A. Puliafito, J.G. Fujimoto, "In vivo optical coherence tomography of the anterior segment," presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Sarasota, FL, April 1994.
15. J.A. Izatt, M.R. Hee, E.A. Swanson, D. Huang, C.P. Lin, J.S. Schuman, C.A. Puliafito, J.G. Fujimoto, "High speed in vivo retinal imaging with optical coherence tomography," presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Sarasota, FL, April 1994.
16. M.R. Hee, J.A. Izatt, E.A. Swanson, D. Huang, C.P. Lin, J.S. Schuman, C.A. Puliafito, J.G. Fujimoto, "Micron-resolution optical coherence tomography of the human eye," presented at the Advances in Optical Imaging and Photon Migration Topical Meeting in Orlando, FL, March 1994.
17. D. Huang, M.R. Hee, E.A. Swanson, J.G. Fujimoto, J.S. Schuman, C.A. Puliafito, "Blood Reflectivity in optical coherence tomography," presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 1995.
18. R. Nguyen, D. Huang, M.R. Hee, T. Pedut-Kloizman, J.R. Wilkins, J.G. Coker, C.A. Puliafito, J.G. Fujimoto, J.S. Schuman, "Retinal nerve fiber layer distribution as measured by optical coherence tomography," presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, April, 1996.
19. D. Huang, M.R. Hee, T. Pedut-Kloizman, J.R. Wilkins, J.G. Coker, C.A. Puliafito, J.G. Fujimoto, J.S. Schuman, "A new algorithm for retinal nerve fiber layer thickness measurement by optical coherence tomography," presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, April, 1996.
20. J.D. Carr, R.D. Stulting, D. Huang, K.P. Thompson, G.O. Waring III, "Comparison of refractive outcome of laser in-situ keratomileusis using Summit and Nidek Excimer lasers", presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 1998.
21. D. Huang, J.D. Carr, R.D. Stulting, K.P. Thompson, G.O. Waring III, "Coupling of spherical and cylindrical corrections in myopic LASIK with Nidek EC-5000", presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 1998.

22. G.O. Waring III, J.D. Carr, R.D. Stulting, K.P. Thompson, D. Huang, "LASIK for the correction of myopia and astigmatism using a Nidek EC-5000 Excimer laser", presented at the Association for Research in Vision and Ophthalmology annual Meeting, Fort Lauderdale, FL, May 1998.
23. D. Huang, R.D. Stulting, J. Carr, "LASIK results in myopia and astigmatism", presented at the International Society of Refractive Surgery Annual Meeting, New Orleans, LA, November 1998.
24. R.D. Stulting, J.D. Carr, D. Huang, K.P. Thompson, G.O. Waring III, "Vector analysis of Toric ablations for compound myopic astigmatism using a Nidek EC-5000 Excimer laser", presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Fort Lauderdale, FL, May 1998.
25. D. Huang, "Multiple regression and vector analysis of toric LASIK", presented at the International Society of Refractive Surgery Annual Meeting, New Orleans, LA, November 1998.
26. R.R. Lancione, D. Huang, A. Rymers, "Measurement of corneal flap thickness in laser in situ keratomileusis using the Hansatome microkeratome", presented at the Association for Research in Vision and Ophthalmology Meeting, Ft. Lauderdale, FL May 1999.
27. D. Huang, R.D. Stulting, J.D. Carr, K.P. Thompson, G.O. Waring, "Statistical analysis of astigmatism data in refractive surgery" presented at the Association for Research in Vision and Ophthalmology Meeting, Ft. Lauderdale, FL May 1999.
28. G.O. Waring, J.D. Carr, R.D. Stulting, W. M. Wiley, D. Huang, "LASIK for myopia and astigmatism in 2100 consecutive eyes using a Nidek EC-5000 Excimer laser" presented at the Association for Research in Vision and Ophthalmology Meeting, Ft. Lauderdale, FL, May 1999.
29. D. Huang, "Flap-induced astigmatism in LASIK" presented at the Ophthalmology and Visual Sciences in the 21st Century Symposium, Cleveland Clinic Foundation, Cleveland, OH, September, 1999.
30. D. Huang, "Looking at LASIK with optical coherence tomography" presented at the Ophthalmology and Visual Sciences in the 21st Century Symposium, Cleveland Clinic Foundation, Cleveland, OH, September, 1999.
31. C. Eshbaugh, S. Sur, F. Seffo, D. Huang, "Iatrogenic corneal ectasia following LASIK evaluated by optical coherence tomography" presented at International Society of Refractive Surgery World Refractive Surgery Symposium, Orlando, FL, October 1999.
32. D. Huang, S. Sur, D. Meisler, R.R. Krueger "Astigmatic changes associated with lamellar keratotomy in LASIK" presented at International Society of Refractive Surgery World Refractive Surgery Symposium, Orlando, FL, October 1999.
33. D. Huang, F. Seffo, C. Eshbaugh "Visualization of epithelium and LASIK flap with optical coherence tomography" presented at the International Society of Refractive Surgery World Refractive Surgery Symposium, Orlando, FL, October 1999.

34. L. Rueda, A.A. Pineda, D. Huang, F. Seffo, F. Nur, "LASIK for mixed and simple myopic astigmatism using cross-cylinder with the NIDEK EC-5000" presented at the International Society of Refractive Surgery World Refractive Surgery Symposium, Orlando, FL, October 1999
35. D. Huang, "Flap-induced astigmatism in LASIK" presented at the American Academy of Ophthalmology Meeting, Orlando, FL, October 1999.
36. D. Huang, F. Seffo, D.M. Meisler, R.R. Krueger, "LASIK with Autonomous LADARVision System" presented at the Cleveland Ophthalmological Society Meeting, Cleveland, OH, April 2000.
37. D. Huang, F. Seffo, CG Eshbaugh, "LASIK anatomy by optical coherence tomography" presented at Association for Research in Vision and Ophthalmology meeting, Ft. Lauderdale, FL, May 2000.
38. L. Rueda, A.A. Pineda, D. Huang, F. Seffo, F. Nur, "LASIK for mixed and simple myopic astigmatism using cross-cylinder" presented at Association for Research in Vision and Ophthalmology meeting, Ft. Lauderdale, FL, May 2000.
39. A.A. Pineda, L. Rueda, D. Huang, F. Nur, "LASIK for hyperopia and hyperopic astigmatism" presented at Association for Research in Vision and Ophthalmology meeting, Ft. Lauderdale, FL, May 2000.
40. C.G. Eshbaugh, D. Huang, F. Seffo, S.H. Sur, "Iatrogenic keratoectasia after LASIK evaluated by optical coherence tomography" presented at American Society of Cataract and Refractive Surgery meeting, Boston, MA, May 2000.
41. B. Jeng, D. Huang, "Anterior chamber stability during bimanual I/A: theoretical and experimental analysis" presented at American Society of Cataract and Refractive Surgery meeting, Boston, MA, May 2000.
42. D. Huang, F. Seffo, C. Eshbaugh, "LASIK anatomy by optical coherence tomography" presented at American Society of Cataract and Refractive Surgery meeting, Boston, MA, May 2000.
43. D. Huang, "Flap Issues in LASIK", *Cleveland Ophthalmological Society*, Cleveland, OH October 10, 2000.
44. D. Huang, M Arif, "Spot size and quality of scanning laser correction of optical aberrations: A theoretical study", *International Society of Refractive Surgery World Refractive Surgery Symposium*, Dallas, TX, October 19-21, 2000
45. ML Garcia, D. Huang, E Traboulsi "Relationship Between the Axis and Amount of High Astigmatism and Degree of Palpebral Fissure Slanting", *American Academy of Ophthalmology Annual Meeting*, Dallas, TX, October 2000.
46. D. Huang, F Seffo, RR Krueger, "Improving LASIK Nomogram by combining refractive, keratometric, and other preoperative data", *American Academy of Ophthalmology Annual Meeting*, Dallas, TX, October 2000.
47. D. Huang, M Arif, R. Shekhar, "Telecentric optical coherence tomography of corneal anatomy after laser in-situ keratomileusis", *SPIE's International Biomedical Optics Symposium*, San Jose, CA, January 20-26, 2001

48. R. Tam, M. Iacobucci, D. Huang, "Effect of reverse pass suction on the incidence of corneal epithelial defects in LASIK patients" *Association for Research in Vision and Ophthalmology meeting*, Ft. Lauderdale, FL, May 2001.
49. D. Huang, M. Arif, "Spot size and quality of scanning laser correction of optical aberration" *Association for Research in Vision and Ophthalmology meeting*, Ft. Lauderdale, FL, May 2001.
50. D. Huang, M. Tang. "Corneal topographic convexity mapping for keratoconus screening" *Association for Research in Vision and Ophthalmology Meeting*, Ft. Lauderdale, FL, May 2002.
51. Y. Li, R. Shekhar, D. Huang, "Corneal anatomic changes after LASIK measured by Arc-Scanning optical coherence tomography and ultrasonic pachymeter" *Association for Research in Vision and Ophthalmology meeting*, Ft. Lauderdale, FL, May 2002.
52. S. Radhakrishnan, Y. Li, D. Huang, V. Westphal, R. Shakh, AM Rollins, JA Izatt, "Optical coherence tomography imaging of LASIK flaps using 0.8 micron and 1.3 micron wavelengths of light: A comparison study" presented at *Association for Research in Vision and Ophthalmology meeting*, Ft. Lauderdale, FL, May 2002.
53. JA Goldsmith, S Radhakrishnan, V Westphal, D Huang, DK Dueker, AM Rollins, JA Izatt, SD Smith, "Comparison of optical coherence tomography and ultrasound biomicroscopy in identifying anatomically narrow angles", *Association for Research in Vision and Ophthalmology meeting*, Ft. Lauderdale, FL, May 2002.
54. D Huang, "Longitudinal follow-up of corneal anatomic changes after LASIK using arc-scanning optical coherence tomography," *American Society of Cataract and Refractive Surgeons*, Philadelphia, PA, June 2002.
55. J Goldsmith, Y Li, MR Chalita, V Westphal, C Patil, A Rollind, E Acol, D Huang, "Anterior chamber width measurement by optical coherence tomography", *American Academy of Ophthalmology Annual Meeting*, Orlando, FL, October 2002.
56. O Tan, Y Li, D Huang, "Measurement of ganglion cell layer and inner plexiform layer thickness with optical coherence tomography", *Association for Research in Vision and Ophthalmology Annual Meeting*, Ft. Lauderdale, FL, May 2003.
57. R Shakh, AM Rollins, JA Izatt, D Huang, "Automated anterior chamber biometry with high-speed optical coherence tomography", *Association for Research in Vision and Ophthalmology Annual Meeting*, Ft. Lauderdale, FL, May 2003
58. JA Goldsmith, Y Li, MR Chalita, V Westfall, C Patel, AM Rollins, J Izatt, D Huang, "Anterior chamber width measurement by optical coherence tomography" *Association for Research in Vision and Ophthalmology Annual Meeting*, Ft. Lauderdale, FL, May 2003.
59. D. Huang, MR Chalita, Y Li, CY Lowder, DM Meisler, AM Rollins, JA Izatt, "High-speed optical coherence tomography of anterior segment surgical anatomy and pathology", *Association for Research in Vision and Ophthalmology Annual Meeting*, Ft. Lauderdale, FL, May 2003
60. D Huang, O Tan, Y Li, H Ishikawa, J Schuman. "Retinal ganglion cell layer and inner plexiform layer thickness measurement with optical coherence tomography"

International Society for Imaging in the Eye Inaugural Meeting, Ft. Lauderdale, May 2003

61. D Huang, Y Li “Profiling LASIK flap thickness with high-speed optical coherence tomography” *2nd Annual International Society for Imaging in the Eye*” Ft. Lauderdale, FL, April 23-24, 2004
62. O Tan, D Huang “Grid scanning for thickness mapping of inner retinal layers with optical coherence tomography” *2nd Annual International Society for Imaging in the Eye*”, Ft. Lauderdale, FL, April 23-24, 2004
63. Y Li, R Shekhar, V Thakrar, DM Meisler, D Huang “Pachymetric map of keratoconus eyes with high-speed optical coherence tomography”, *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 25-30, 2004.
64. D Huang, Y Li “Reproducibility of pachymetric mapping with high-speed optical coherence tomography” *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 25-30, 2004.
65. P Bhatnagar, MR Chalita, D Meisler, Y Li, MV Netto, D Huang “High-speed optical coherence tomography of corneal pathologies” *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 25-30, 2004-04-30
66. EI Traboulsi, S Crowe, D Huang “Short-term complications of cataract extraction with or without intraocular lens implantation in the first two years of life” *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 25-30-2004
67. PC Gupta, MR Chalita, Y Li, MV Netto, D Huang, “Measurement of anterior segment anatomy during accommodation with high-speed optical coherence tomography” *Association for Research in Vision and Ophthalmology*, Ft Lauderdale, FL, April 25-30, 2004
68. CY Lowder, Y Li, VL Perez, D Huang, “Anterior chamber cell grading with high-speed optical coherence tomography” *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 25-30, 2004.
69. S Radhakrishnan, MV Netto, Y Li MR Chalita, D Huang, “Biometry of the anterior chamber with high-speed optical coherence tomography,” *Association of Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 25-30, 2004.
70. O Tan, JS Schuman, D Huang, “Measurement of retinal ganglion cell layer and inner plexiform layer thickness with optical coherence tomography,” *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 25-30, 2004.
71. M Tang, R Shekhar, D Huang, “Corneal epithelial healing and surgically-induced aberrations after excimer laser correction,” *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 25-30, 2004.
72. D Huang, “Pachymetric mapping with high-speed optical coherence tomography” *American Society of Cataract and Refractive Surgery*, San Diego, CA, May 1-5, 2004.
73. MR Chalita, Y Li, MV Netto, D Huang, “Anterior segment optical coherence tomography analysis during accommodation in a human eye” *American Society of Cataract and Refractive Surgery*, San Diego, CA, May 1-5, 2004.

74. MV Netto, Y Li, MR Chalita, S Radhakrishnan, D Huang, "Corneal and anterior segment optical coherence tomography for anterior chamber biometry" *American Society of Cataract and Refractive Surgery*, San Diego, CA, May 1-5, 2004.
75. D Huang, RC Lin, Y Li, M Tang, "Screening for Previous LASIK in Eye Bank Corneas Using Optical Coherence Tomography," *World Cornea Congress V*, Washington DC, April 13-15, 2005.
76. M Tang, D Huang, "Characteristics of keratoconus on mean curvature maps," *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, May 1-5, 2005.
77. M Tang, D Huang, "Characteristics of keratoconus on mean curvature maps," *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, May 1-5, 2005.
78. D Huang, Y Li, "Mapping LASIK flap thickness with high-speed optical coherence tomography," *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, May 1-5, 2005.
79. Y Li, MR Chalita, D Huang, "Measurement of Lens Curvature Change During Accommodation with High-Speed Optical Coherence Tomography," *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, May 1-5, 2005.
80. O Tan, S Sadda, A Walsh, J S Schuman, H Ishikawa, G Wollstein, D Huang, "Automated grading of diabetic macular edema by grid scanning optical coherence Tomography," *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, May 1-5, 2005.
81. M Avila, Y Li, JC Song, D Huang, "High-Speed Optical Coherence Tomography for Post-LASIK Management," *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 30-May 4, 2006.
82. G. Li, O Tan, R Varma, D Huang, Advanced Imaging for Glaucoma Study Group, "Mapping of Macular Substructures with Optical Coherence Tomography for Glaucoma Diagnosis," *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 30-May 4, 2006.
83. MM Lai, M Tang, R Khurana, D Huang, "Assessing Intrastromal Corneal Ring Segment Depth In Patients With Keratoconus Using Optical Coherence Tomography," *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 30-May 4, 2006.
84. M Tang, Y Li, M Avila, D Huang, "Measurement of Total Corneal Power Before and After LASIK with High-speed Optical Coherence Tomography," *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 30-May 4, 2006.
85. O Tan, V Chopra, D Huang, R Varma, Advanced Imaging for Glaucoma Study Group, "Optical Coherence Tomography Grid Scanning of Macular Inner Retinal Layer Thickness for Glaucoma Diagnosis," *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 30-May 4, 2006.
86. S Radhakrishnan, J L See, PTK Chew 2, W Nolan, Z Ce, DS Friedman, T Aung, D Huang, Y Li, SD Smith, "Reproducibility of anterior chamber angle measurements

obtained with anterior segment optical coherence tomography,” *Association for Research in Vision and Ophthalmology*, Ft. Lauderdale, FL, April 30-May 4, 2006.

87. AA Fawzi, J Lim, JJ Hopkins, O Tan, D Huang, “High-Speed High-Resolution Optical Coherence Tomography in Age-related Macular Degeneration,” *American Academy of Ophthalmology Annual Meeting*, Las Vegas, NV, November 2006.
88. V Chopra, O Tan, D Huang, Advanced Imaging for Glaucoma Study Group, “Glaucoma Detection using High-speed High-resolution Optical Coherence Tomography,” *American Academy of Ophthalmology Annual Meeting*, Las Vegas, NV, November 2006.
89. V Chopra, O Tan, BA Francis, R Varma, S Smith, D Huang, Advanced Imaging for Glaucoma Study Group, “Does Optic Nerve Head Size Variation Affect Peripapillary Retinal Nerve Fiber Layer Thickness using Optical Coherence Tomography?” *American Academy of Ophthalmology Annual Meeting*, Las Vegas, NV, November 2006.
90. D Huang, JC Song, “Intraocular Lens Power Calculation Based on Optical Coherence Tomography,” *American Society of Cataract and Refractive Surgery Annual Meeting*, San Diego, 2007.
91. AT Lu, V Chopra, O Tan, JS Schuman, D Huang, Advanced Imaging for Glaucoma Study Group, “Magnification correction in the diagnosis of glaucoma with optical coherence tomography,” *Association for Research in Vision & Ophthalmology Annual Meeting*, Fort Lauderdale, FL, May 6-10, 2007
92. J Schallhorn, M Tang, Y Li, D Huang, “Analysis of clear corneal incisions for cataract surgery using optical coherence tomography,” *Association for Research in Vision & Ophthalmology Annual Meeting*, Fort Lauderdale, FL, May 6-10, 2007
93. BJ Reiser, J Schallhorn, M Tang, Y Li, D Huang, “Measuring the anterior corneal vault using the Visante anterior segment OCT: a novel diagnostic tool for keratoconus,” *Association for Research in Vision & Ophthalmology Annual Meeting*, Fort Lauderdale, FL, May 6-10, 2007
94. Y Li, M Tang, V Thakrar, DM Meisler, D Huang, “Keratoconus screening with high-speed optical coherence tomography,” *Association for Research in Vision & Ophthalmology Annual Meeting*, Fort Lauderdale, FL, May 6-10, 2007
95. F Memarzadeh, M Tang, Y Li, V Chopra, BA Francis, D Huang, “Anterior segment OCT for imaging the change in anterior chamber angle morphology after cataract surgery,” *Association for Research in Vision & Ophthalmology Annual Meeting*, Fort Lauderdale, FL, May 6-10, 2007
96. O Tan, V Chopra, A Lu, H Ishikawa, R Varma, JS Schuman, D Huang, “Glaucoma diagnosis by mapping the macula with high-speed, high-resolution Fourier-domain optical coherence tomography,” *Association for Research in Vision & Ophthalmology Annual Meeting*, Fort Lauderdale, FL, May 6-10, 2007
97. Y Wang, O Tan, D Huang, “In vivo retinal blood flow measurement by Fourier-domain Doppler optical coherence tomography,” *Association for Research in Vision & Ophthalmology Annual Meeting*, Fort Lauderdale, FL, May 6-10, 2007

98. Ji Lim, O Tan, AA Fawzi, J Hopkins, JH Gil-Flamer, D Huang, "Fourier-domain OCT of retinal dystrophy patients compared to normal controls," *Association for Research in Vision & Ophthalmology Annual Meeting*, Fort Lauderdale, FL, May 6-10, 2007
99. M Tang, Y Li, D Huang, "An optical coherence tomography-based intraocular lens formula," *Association for Research in Vision & Ophthalmology Annual Meeting*, Fort Lauderdale, FL, May 6-10, 2007

BOOK REVIEWS

1. D. Huang, M. Shure, "Handbook of optical coherence tomography" *Ophthalmic Surgery, Lasers & Imaging* 2003; 34(11): p. 78-79.

LETTERS TO EDITORS

2. D. Huang, R. Krueger, and R.D. Stulting, Correlation between eyes in bilateral LASIK, *Ophthalmology*, 2000; 107(11): 1962-3.
3. D. Huang, Central island and decentration correction, *Ophthalmology* 2001;108(11):1935-36
4. D. Huang, Flap-induced aberration, *J Cataract Refrac Surg* 2003;29(10):1851-2
5. D. Huang, "Optical" coherence tomography not "ocular" coherence tomography, *J Cataract Refrac Surg* 2007; 33(7):1141-1141.

CONFERENCE PROCEEDING

1. J.A. Izatt, M.R. Hee, D. Huang, J.G. Fujimoto, E.A. Swanson, C.P. Lin, J.S. Schuman, C.A. Puliafito. "Ophthalmic diagnostics using optical coherence tomography," *Ophthalmic Technologies III*, Ren Q, Pavel J-M, Eds. *Proc SPIE* 1877, 1993.
2. D. Huang, M Arif, "Spot size and quality of scanning laser correction of higher-order wavefront aberrations", *Journal of Refractive Surgery* 17:S588, Proceeding of the 2nd International Congress of Wavefront Sensing and Aberration-free Refractive Correction, Monterey CA, February 9-10, 2001
3. M Arif, D. Huang, "Theoretical study of aberration correction in eye using scanning-spot laser," *Proceedings of SPIE* Vol. 4245:66-77, SPIE's International Biomedical Optics Symposium, San Jose, CA, October 20-26, 2001
4. Li Y, Shekhar R, Huang D. Segmentation of 830-and 1310 nm LASIK corneal optical coherence tomography images, *Proceedings of SPIE* Vol. 4684:167-178, Medical Imaging 2002, February 2002, San Diego, CA
5. Sung W. Jeon, Mark A. Shure, Andrew M. Rollins, and David Huang, "Corneal hydration imaging using dual-wavelength optical coherence tomography," *Proceedings of SPIE* (in press), SPIE's International Biomedical Optics Symposium, San Jose, CA, January 2004

INVITED LECTURES

1. Case Western Reserve University School of Medicine, Cleveland, OH “Optical coherence tomography, applications in ophthalmology,” February 1999.
2. Beckman Laser Institute, University of California Irvine, Irvine, CA “Application of optical coherence tomography to refractive surgery,” March 1999.
3. Department of Allergy and Immunology, Cleveland Clinic Foundation, Cleveland, OH “Ocular Allergy,” April 1999.
4. Center for Visual Science, University of Rochester, Rochester, NY “Optical coherence tomography, applications in ophthalmology,” July 1999.
5. International Congress of Eye Research “Corneal Anatomy by Optical Coherence Tomography,” Santa Fe, NM, October 15-20, 2000.
6. International Society of Refractive Surgery World Refractive Surgery Symposium, “Practical Nomogram Development: How to get Started,” Dallas, TX, October 19-21, 2000.
7. Congreso Internacional de CEOVAL “LASIK nomogram development,” “Are current excimer lasers adequate for the correction of wavefront aberrations?” and “Applications of optical coherence tomography in refractive surgery,” Isla de Margarita, Venezuela, May 17-19, 2000.
8. XIII. Congress of the European Society of Ophthalmology, Istanbul, Turkey, “OCT in refractive surgery,” June 3-7, 2001.
9. Pacific Coast Oto-Ophthalmological Society Annual Meeting, Maui, “Optical coherence tomography: applications in refractive surgery,” Hawaii, June 23-27, 2001.
10. 1ST International LASEK Congress, “Nomogram adjustment after LASEK,” Houston, TX, March 22-23, 2002.
11. Advances in Cataract, Cornea and Keratorefractive Surgery Annual Symposium “Optical Coherence Tomography,” “Refractive Implants,” and “Advances in Laser Vision Correction.” Cleveland, OH May 3-4, 2002.
12. XXIXth International congress of Ophthalmology “Evaluation of corneal anatomic changes after LASIK by optical coherence tomography”, Sydney, Australia, April 21-25, 2002
13. 2nd Global Chinese Ophthalmic Conference, “Anterior Segment Optical Coherence Tomography,” Taipei, Taiwan, June 15, 2002
14. 2002 ISRS Fall Refractive & Cataract Symposium, “Prevention and management of epithelial defects,” Orlando, FL October 18-19, 2002
15. American Academy of Ophthalmology Annual Meeting, “Prevention and management of flap-related complications,” Orlando, FL, October 20-23, 2002
16. 2nd International Congress on LASEK, “Ectasia and biomechanical instability,” Cleveland, OH, May 30-31, 2003

17. American Academy of Ophthalmology Annual Meeting Refractive Surgery Interest Group Subspecialty Day, "Optical coherence tomography," Anaheim, CA, November 14-15, 2003
18. American Academy of Ophthalmology Annual Meeting Discussant for M Knorz, "Online optical coherence pachymetry during LASIK", Anaheim, CA, November 14-15, 2003
19. American Academy of Ophthalmology Annual Meeting, "Cornea: Technological Advances in cornea and anterior segment imaging", New Orleans, LA, October 23-26, 2004
20. Cornea & Refractive Surgery Update, "Diagnostic technologies in refractive surgery," Doheny Eye Institute, Los Angeles, CA, October 9, 2004.
21. Advances in Optic Nerve Imaging in Glaucoma, "Newer strategies and advances in optical coherence tomography," Doheny Eye Institute, Los Angeles, CA, December 11, 2004.
22. Refractive Surgery Center Update, "CustomVue for hyperopia," Doheny Eye Institute, Los Angeles, CA, February 15, 2005.
23. Kaiser Permanente Ophthalmology Symposium on Anterior Segment Disease, "Refractive surgery techniques for the treatment of corneal diseases," Anaheim, CA, May 14, 2005.
24. Kaiser Permanente Ophthalmology Symposium on Anterior Segment Disease, "Corneal imaging and measurement technologies," Anaheim, CA, May 14, 2005.
25. Annual Doheny Days Meeting, "Optical coherence tomography for corneal and refractive surgeries," Doheny Eye Institute, Los Angeles, CA, June 17-18, 2005.
26. Refractive Implants, "Optical coherence tomography in refractive surgery," Doheny Eye Institute, Los Angeles, CA, October 8, 2005.
27. Advances in Optics for Biotechnology, Medicine and Surgery, "Optical coherence tomography applications in the eye," Copper Mountain, CO, July 24-28, 2005.
28. Anterior Segment Imaging: New Advances in OCT Technology, CME Symposium sponsored by SLACK, Inc. "Understanding the principles of optical imaging of the anterior segment," Chicago, IL, October 16, 2005.
29. Optical Coherence Tomography Symposium: Advanced Capabilities for Clinical Practice and Basic Research, "Clinical applications of OCT in the eye: anterior segment," Massachusetts General Hospital, Boston, MA, November 7, 2005.
30. Clinical Applications of Optical Coherence Tomography (OCT), "OCT applications in the anterior segment," University of Pittsburgh Medical Center, Pittsburgh, PA, December 10, 2005.
31. Cornea Day sponsored by Cornea Society and American Society of Cataract and Refractive Surgery, "Anterior Segment OCT," San Francisco, CA, March 17, 2006.
32. Dry Eyes, "Dry eye and laser vision correction," Doheny Eye Institute, Los Angeles, CA, May 13, 2006.
33. Annual Doheny Days Meeting, "An optical coherence tomography-based intraocular lens formula," Doheny Eye Institute, Los Angeles, CA, June 16-17, 2006.

34. Cataracts and IOL's, "Intraocular lens power calculation based on optical coherence tomography," Doheny Eye Institute, Los Angeles, CA, October 14, 2006.
35. Visiting professor lecture at University of California at San Francisco School of Medicine Department of Ophthalmology, "Anterior Segment OCT," San Francisco, CA, January 18, 2007.
36. Visiting professor lecture at National Taiwan University Department of Ophthalmology, "Optical coherence tomography in corneal and refractive surgery" and "Diagnosis of narrow angle glaucoma with optical coherence tomography," February 27, 2007.
37. Retina Club of Taiwan, "Fourier-Domain Optical Coherence Tomography for Retinal Diseases and Glaucoma," February 25, 2007
38. Ocular Imaging Symposium, "Ultrahigh-Speed Fourier-Domain Optical Coherence Tomography for Glaucoma and Retinal Diseases," Asia ARVO (Association for Research in Vision & Ophthalmology) Meeting, Singapore, March 2-5, 2007
39. Refractive Surgery Symposium, "An Optical Coherence Tomography-Based Intraocular Lens Power Formula," Asia ARVO (Association for Research in Vision & Ophthalmology) Meeting, Singapore, March 2-5, 2007
40. Visiting professor lecture at University of California at San Diego Department of Biomedical Engineering, "The Speed Revolution in Optical Coherence Tomography of the Eye," San Diego, CA, April 27, 2007.
41. Utah Ophthalmology Society Summer Meeting, "Corneal and Anterior Segment Optical Coherence Tomography," and "Glaucoma Diagnosis with Optical Coherence Tomography," Deer Valley, Utah, August 3, 2007.
42. Japan Congress of Clinical Ophthalmology, "Fourier-Domain Optical Coherence Tomography in Glaucoma Diagnosis" and "Corneal Imaging with Optical Coherence Tomography," Kyoto International Conference Hall, Kyoto, Japan, October 11-14, 2007.
43. Cornea 2007: Contemporary and Future Issues, "Anterior Segment and Corneal Imaging: Optical Coherence Tomography," American Academy of Ophthalmology Annual Meeting, New Orleans, LA, November 10-13, 2007.
44. Important Current Issues for Refractive Surgeon Symposium , "Debate Point: Ectasia after Laser Refractive Surgery Is a Preventable Condition-The Risk Factors Are Known and Proper Preoperative and Operative Measurements Will Decrease Their Incidence," American Academy of Ophthalmology Annual Meeting, New Orleans, LA, November 10-13, 2007.