

CURRICULUM VITAE

Philip P. Chen, MD

EDUCATION:

- 1986 B.S. *With Honors & Distinction*, Biological Sciences, Stanford University, Stanford, California.
- 1991 M.D. Yale University School of Medicine, New Haven, Connecticut.

POSTGRADUATE TRAINING:

- 1991-1992 Transitional Internship, St. Vincent's Hospital and Medical Center, New York, N.Y.
- 1992-1995 Ophthalmology Residency, Los Angeles County–U.S.C. Medical Center/Doheny Eye Institute, University of Southern California, Los Angeles, Calif.
- 1995-1996 Glaucoma Fellowship, Bascom Palmer Eye Institute, University of Miami, Miami, Fla.

FACULTY POSITIONS HELD:

- 1996-2001 Assistant Professor, Department of Ophthalmology, University of Washington, Seattle.
- 2001-2008 Associate Professor, Department of Ophthalmology, University of Washington, Seattle.
- 2005-2007 Acting Chair, Department of Ophthalmology, University of Washington, Seattle.
- 2008-date Professor, Department of Ophthalmology, University of Washington, Seattle
- 2012-date Grace E. Hill Professor in Vision Research, University of Washington, Seattle

HOSPITAL POSITIONS HELD:

- 1996-date Active Medical Staff, University of Washington Medical Center, Seattle.
- 1996-date Part-time Medical Staff, VA Puget Sound Health Care System, Seattle, Wash.
- 1996-date Associate Staff, Harborview Medical Center, Seattle, Wash.
- 1996-date Active Status, Children's Hospital & Regional Medical Center, Seattle, Wash.
- 2001-date Chief of Ophthalmology, University of Washington Medical Center, Seattle.

-Strategic Leadership Program, January 2006

2009-date Chief of Ophthalmology, University of Washington Eye Institute, Seattle

RESEARCH AND PROFESSIONAL EXPERIENCE:

- 1985-1986 Resident Assistant, Florence Moore Hall; Teaching Assistant, Dept of Biological Sciences; Orientation Coordinator; Stanford University, Stanford, Calif.
- 1984-1986 Department of Biological Sciences, Stanford University, Stanford, Calif. *Area of Research:* Polymorphism of the MHC within a wild mouse population, by RIA, and RFLP analysis of DNA (under the direction of Dr. Patricia Jones).
- 1987 (June-Sept) Visiting Research Fellow, International Laboratory for Research on Animal Diseases (ILRAD), Nairobi, Kenya. *Area of Research:* DNA probes to *Theileria parva* (under the direction of Dr. Patricia Conrad).
- 1990-1991 Department of Ophthalmology & Visual Science, Yale Medical School, New Haven, Conn. *Area of Research:* Intraocular pressure after pars plana vitrectomy. Retinal endothelial cell culture (under the direction of Dr. John Thompson).

HONORS AND AWARDS:

- National Merit Scholarship, Phelps-Dodge Corporation (1982)
- Departmental Honors, Departmental Distinction, Department of Biological Sciences, Stanford University, Stanford, Calif. (1986)
- Downs Committee on International Health, Travel Fellowship, Yale Medical School, New Haven, Conn. (1987)
- Marguerite Rush Lerner Award, Yale Medical School, New Haven, Conn. (1990)
- Farr Scholar, Yale Medical School, New Haven, Conn. (1990)
- International Health Prize, Yale Medical School, New Haven, Conn. (1991)
- Travel Fellowship, National Eye Institute, Association for Research in Vision and Ophthalmology (1999)
- Attending of the Year Award, for resident teaching, Department of Ophthalmology, University of Washington, Seattle (2001)

- Achievement Award, American Academy of Ophthalmology (2003)
- Best Doctors in Seattle, *Seattle Magazine* (2006, 2007, 2010, 2011, 2012)
- Best Doctors in America (2007, 2008, 2009, 2010, 2011, 2012, 2013)
- Secretariat Award, American Academy of Ophthalmology (2011)

BOARD CERTIFICATION

Diplomate, National Board of Medical Examiners (1992)

Diplomate, American Board of Ophthalmology (1997, 2007)

CURRENT LICENSURE

1992-date State of California

1996-date State of Washington

MEMBERSHIPS AND ACTIVITIES:

- Advisory Committee, Ophthalmic Assistant Program, Renton Technical College, 2005-7
- American Board of Ophthalmology
 - Associate Examiner, 2000-date
 - Periodic Ophthalmic Review Test (PORT) panel, 2007-date
- American Academy of Ophthalmology (1996-date)
 - Fellow, 1997-date
 - Speaker, Glaucoma Subspecialty Day, 1999, 2002, 2004, 2005
 - Contributor, Specialty Care Updates, 2003-4
 - Achievement Award, 2003
 - Task Force on Scanning Computerized Ophthalmic Diagnostic Imaging (SCODI), 2003
 - Discussant, Glaucoma Free Paper session, AAO Annual Meeting, 2007
 - Preferred Practice Pattern reviewer, Glaucoma section, 2010
 - Ophthalmic Technology Assessment Committee, 2010-date
 - Secretariat Award, 2011
 - Discussant, Glaucoma Free Paper session, AAO Annual Meeting, 2012
- American Glaucoma Society, Active Member (2001-date)

Moderator, paper session, AGS Annual Meeting, 2007

- Association for Research in Vision and Ophthalmology (1991-date)

Moderator, poster session, 2003 Annual Meeting, Fort Lauderdale, FL

- Yale Medical School

Downs Committee on International Health (1987-88)

Student representative, Yale Medical School Council (1988-89)

Educational Policy and Curriculum Committee (1990-91)

Graduate Affiliate, Pierson College, Yale University (1986-89)

- King County Medical Society (1997-date)
- Washington Academy of Eye Physicians and Surgeons (1996-date)
 - Monthly Program Chair (1999-2001)
 - University of Washington liaison (2005-2007)
- Washington State Medical Association (1996-date)

EDITORIAL RESPONSIBILITIES:

- *Ophthalmology*, Reviewer, 1996-date
- *Journal of Glaucoma*, Reviewer, 1996-date
- *British Journal of Ophthalmology*, Reviewer, 1999-date
- *American Journal of Ophthalmology*, Reviewer, 2002-date
- *Archives of Ophthalmology*, Reviewer, 2002-date

SPECIAL NATIONAL RESPONSIBILITIES:

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| 1996-2005 | Principal Investigator, Primary Trabeculectomy Antimetabolite Study, University of Washington Medical Center, Seattle. (Primary site: Stanford University Department of Ophthalmology) |
| 1999-date | Data and Safety Monitoring Committee, Tube vs. Trabeculectomy (TVT) Study (Primary site: University of Miami Department of Ophthalmology) |
| 2003-2004 | Data and Safety Monitoring Committee, Glaukos Corporation, Irvine, CA |

- 2005-date Data and Safety Monitoring Committee, Ahmed vs. Baerveldt Comparison (ABC) Study (Primary site: University of Miami Department of Ophthalmology)
- 2006-date Data and Safety Monitoring Committee, Primary Tube vs. Trabeculectomy (PTVT) Study (Primary site: University of Miami Department of Ophthalmology)
- 2007-date Medical Advisory Board, The Glaucoma Foundation, New York, NY

LOCAL RESPONSIBILITIES – UNIVERSITY OF WASHINGTON:

• *School of Medicine:*

- 1998-2001 Housestaff Committee
- 1998-2003 Medical Student Career Counselor
- 2001-2009 UWMC Surgical Services Steering Committee
- 2003-2007 Search Committee, Chair of Department of Ophthalmology
- 2004 UWMC Surgical Infection Prevention Subcommittee
- 2004-2010 UWMC Medical Staff Administrative Committee (MSAC)
- 2004-2010 UWMC Ambulatory Care Advisory Committee (ACAC)
- 2009-date HMC Medical Executive Board
- 2009-date HMC Surgical Council

• *Department of Ophthalmology:*

- 2001-2009 Chief of Ophthalmology, University of Washington Medical Center
- 2009-date Chief of Ophthalmology, UW Medicine Eye Institute
(comprising the Eye Institute, 4-West Eye Clinic, and UWMC Eye Center)
- 2002-2004 Residency Program Director
- 2004-date Residency Applicant Selection Committee
- 2005-2007 Acting Chair (36 months)
- 2007-2008 RRC Site Visit Committee
- 2008-2009 HMC Ophthalmology Surgical Transition Committee
- 2008-2009 Tactical Planning Committee (for Departmental relocation)
- 2010-date Clinic Operations Committee

Search Committees:

- 1997-2000 General Ophthalmologist, UWMC and Harborview Medical Center (Anuja Bhandari, FRCOphth)
- 1999-2000 Glaucoma/Neuro-ophthalmology, UWMC and Harborview Medical Center (Raghu Mudumbai, MD)
- 2001-2002 Uveitis faculty position (unfilled)
- 2002-2003 Cornea faculty position (Tueng Shen, MD, PhD)
- 2002-2004 (Chair) Comprehensive Ophthalmology faculty position, VAPSHCS (Anish Kadakia, MD)
- 2003-2004 Cornea Faculty position (Michael Wu, MD)
- 2005-2006 Pediatric Ophthalmology faculty position (Francine Baran, MD)
- 2005-2006 Comprehensive Ophthalmology faculty, VAPSHCS (Anuja Bhandari, FRCOphth)
- 2006 Comprehensive Ophthalmology faculty, HMC/UWMC (Jennifer Lee, MD)
- 2006 Oculoplastics and Orbital Surgery faculty position (Robert Tower, MD)
- 2006-2008 Vitreo-retinal faculty position (Gurunadh Vemulakonda, MD)
- 2008-9 (Chair) Cornea/External Disease faculty position (Sanjay Kedhar, MD)
- 2009 Comprehensive Ophthalmology faculty position (Parisa Taravati, MD)
- 2009-10 (Chair) Glaucoma faculty position (Mark Slabaugh, MD)
- 2010 (Chair) Oculoplastics and Orbital Surgery faculty position (Holly Chang, MD)
- 2010-11 Cornea/External Disease faculty position
- 2011-12 (Chair) Cornea/External Disease/Refractive Surgery position (Brian Lee, MD, JD)
- 2012-13 (Chair) Optometrist faculty position, UW Neighborhood Clinic

Other Committees and Responsibilities:

- 1998 Basic and Clinical Science Course (BCSC): Glaucoma (28 hours of lectures)
- 1998-1999 Departmental Library Committee
- 1999 BCSC: Lens and Cataract (8 hrs of lectures)
- 2001 BCSC: Glaucoma (30 hrs of lectures)
- 2001 (Chair) UW Eye Clinic Space Allocation Committee
- 2004 BCSC: Glaucoma (30 hrs of lectures)
- 2007 BCSC: Glaucoma (28 hrs of lectures)
- 2009 BCSC: Glaucoma (14 hrs of lectures)

- 2011 BCSC: Glaucoma (14 hrs of lectures)
- 2012 BCSC: Glaucoma (4 hrs of lectures)

• *University of Washington Physicians:*

- 2005-2007 Board of Trustees
- 2005-2007 Communications Committee
- 2006 Chair, Board of Trustees Member at Large Selection Committee
- 2011 Board of Trustees Member at Large Selection Committee

RESEARCH FUNDING:

- 1987 National Institutes of Health Short-term Research Grant, Yale Medical School, New Haven, Conn.; \$2,000 (P.I.: Curtis Patton, Ph.D.)
- 1989 National Institutes of Health Short-term Research Grant, Yale Medical School, New Haven, Conn.; \$2,000 (P.I.: John T. Thompson, M.D.)
- 1998 University of Washington Dept. of Ophthalmology; \$2,000 (P.I.: Philip Chen, M.D.)
- 1998-2000 Dicon Perimetry Research Clinical Trial, Dicon, San Diego, Calif.; \$8,400 (P.I.: Philip Chen, M.D.)
- 1999 Allergan Clinical Study of Alphagan and Cosopt, Center for Sight, Albany, N.Y.; \$5,100 (P.I.: Philip Chen, M.D.)
- 1999-2008 Allergan Clinical Study of Memantine for Open-Angle Glaucoma, Allergan, Inc., Irvine, Calif.; \$379,134 total direct costs (P.I.: Philip Chen, M.D.)
- 1999-2003 Collaborative Initial Glaucoma Treatment Study (CIGTS), National Eye Institute, Bethesda, Md.; approx \$68,000/year direct costs (P.I.: Philip Chen, M.D.)
- 2002-2003 Glaucoma Research Foundation, "A novel NFL representation to accurately monitor and predict glaucomatous progression;" \$41,300 (Associate Investigator; PI: Edward A. Essock, Ph.D., University of Louisville)
- 2004-2005 Allergan Unrestricted Grant for CIGTS-II, Allergan, Inc., Irvine, CA; \$17,500 (P.I.: Philip Chen, M.D.)

2004-2006 Allergan Unrestricted Grant for glaucoma research, Allergan, Inc., Irvine CA;
\$25,000/yr (P.I.: Philip Chen, M.D.)

MENTORSHIP:

Research Fellows:

1996-7 Yasuko Takahashi, M.D. (Tokyo, Japan) (with Richard Mills, M.D.); 3 papers
 1996-7 Liang Xu, M.D. (Beijing, China) (with Richard Mills, M.D.); 2 papers
 1996-7 Ying-Ying Chen, M.D. (Kaohsiung, Taiwan) (with Richard Mills, M.D.); 2 papers
 1996-8 Noriko Yamada, M.D. (Gifu, Japan) (with Richard Mills, M.D.); 3 papers
 1997-8 Dan Hu, M.D. (Xi'an, China); 1 paper
 1998-9 Lan Wang, M.D. (Beijing, China) (with Richard Mills, M.D.); 2 papers, 1 chapter
 1998-9 Padma Karyampudi, M.D. (Great Britain) (with Richard Mills, M.D.); 1 paper, 1 chapter
 1999-2000 Maria Kamantigue, M.D. (Manila, Philippines); 2 papers
 2003-4 Umit Eksioglu, M.D. (Ankara, Turkey) (with Raghu Mudumbai, M.D.); 1 paper
 2011- Karine Bojikian, M.D. (Sao Paulo, Brazil)
 2012- Martha Kim, M.D. (Seoul, Korea)
 2012- Pablo Romero, M.D. (Santiago, Chile)

Residents:

1997-8	Russell Read, M.D.	Research; 2 papers	Associate Professor, University of Alabama-Birmingham
1997-2000	Anuja Bhandari, FRCOphth	Research; 3 papers	
1999	Betsy Kott, M.D.	Research	
2000	Sadiqa Stelzner, M.D.	Research	
1998-2001	Roy Park, M.D.	Research; 3 papers	Glaucoma fellowship
1998-2001	Jerry Shields, M.D.	Research; 1 paper	

1998	Michael Rausch, M.D.	Research	
1999-2002	Peter Joson, M.D.	Research; 3 papers	Glaucoma fellowship
2000-2002	Michael Boehm, M.D.	Research; 2 papers	Cornea fellowship
2000-2004	Michael Brush, M.D.	Research; 3 papers	
2002-2003	R. Sam Cady, M.D.	Research; 1 paper	Glaucoma fellowship
2002-2004	Joshua Kim, M.D.	Research; 1 paper	Glaucoma fellowship
2003	Rachael Elrod, M.D.	Research	
2002-2006	Deborah Lam, M.D.	Research; 1 paper	UW Faculty
2007	Brian Wright, M.D.	Research	
2008-11	Kristy Moeller, M.D.	Research	
2009-11	Daniel Moore, M.D.	Research; 2 papers	Glaucoma fellowship
2009-11	August Stein, M.D.	Research	Pediatric Ophth fellowship

Medical Students:

2001	Chad Nedrud (UW)	Research; thesis, 1 paper	Residency: University of Arizona
2004	Sepehr Oliae (Tulane)	Research (with R Mudumbai, M.D.)	
2005-6	Rose Ngan (UW)	Research; 2 papers	Residency: University of Rochester
2011-12	Brad Hansen (UW)	Research	Residency: Tufts Univ

In addition I have been a Career Counselor for numerous medical students over the years.

PUBLIC SERVICE:

01/97	Free glaucoma screening, University of Washington Medical Center, Seattle
08/98	Free glaucoma screening, "Preachers in the Park," Seattle
09/99	Free glaucoma screening, Regence/Blue Shield, Seattle
06/02	Free glaucoma screening, Central Area Community Fair, Seattle

06/06-7/12 Faculty mentor, UW branch, Congressional Glaucoma Caucus

Bibliography

PUBLISHED AND IN PRESS

1. **Chen PP:** Polymorphism of Ia antigens in a wild mouse population. Honors Thesis. Department of Biological Sciences, Stanford University, Stanford, Calif., 1986.
2. **Chen PP, Conrad PA, ole-Moi Yoi OK, Brown WC, Dolan TT:** DNA probes detect *Theileria parva* in salivary glands of *Rhipicephalus appendiculatus*. Parasitol Res 1991;77:590-4.
- *3. **Chen PP, Ariyasu RG, Kazu V, LaBree L, McDonnell PJ:** A randomized trial of mitomycin C and conjunctival autograft after excision of primary pterygia. Am J Ophthalmol 1995;120:151-60.
4. **Chen PP, Thompson JT:** Risk factors for elevated intraocular pressure after vitreoretinal surgery. Ophthalmic Surg & Lasers 1997;28:37-42.
- *5. **Chen PP, Yamamoto T, Sawada A, Parrish RK II, Kitzawa Y:** Use of antifibrosis agents and glaucoma drainage devices in the American and Japanese Glaucoma Societies. J Glaucoma 1997; 6: 192-6.
6. **Chen PP, Palmberg PF:** Needling revision of glaucoma drainage device filtering blebs. Ophthalmology 1997;104:1004-10.
7. **Chen PP, Weishaar PD, Murray TG:** Blue rubber bleb nevus syndrome. J Pediatr Ophthalmol Strabismus 1997;34:321-3.
8. **Chen PP, Gedde SJ, Budenz DL, Parrish RK II:** Outpatient treatment of bleb infection. Arch Ophthalmol 1997;115:1124-8.
9. **Chen PP, Budenz DL:** The effects of cataract extraction on the visual field of eyes with chronic open-angle glaucoma. Am J Ophthalmol 1998;125:325-33.
10. Xu L, **Chen PP, Chen YY, Takahashi Y, Wang L, Mills RP:** Quantitative nerve fiber layer measurement using scanning laser polarimetry and modulation parameters in the detection of glaucoma. J Glaucoma 1998;7:270-7.
11. **Chen PP, Kalina RE:** Chronic angle-closure mimicking neovascular glaucoma in an adult with cicatricial retinopathy of prematurity. Arch Ophthalmol 1998;116:1248.
12. **Chen PP, Basich FM, Khadem E:** Trabeculectomy with longterm-stored mitomycin C in a West Indian population. Ophthalmologica 1998;212:404-6.
- *13. **Chen PP, Weaver YK, Budenz DL, Feuer WJ, Parrish RK II:** Trabeculectomy function after cataract extraction. Ophthalmology 1998;105:1928-35.

14. Chen YY, **Chen PP**, Xu L, Ernst PK, Wang L, Mills RP: Correlation of peripapillary nerve fiber layer thickness by scanning laser polarimetry with glaucoma-related visual field defects. J Glaucoma 1998;7:312-16.
15. Yamada N, Emond MJ, Mills RP, Leen MM, **Chen PP**, Stanford DC: Detection of optic disc changes with Glaucoma-Scope probability maps. J Glaucoma 1998;7:378-87.
16. Leen MM, Takahashi Y, Li Y, Stewart JFG, **Chen PP**, Mills RP: The mitotic effect of autologous blood injection and diode laser bleb revision on rabbit filtration blebs. Arch Ophthalmol 1999;117: 77-83.
17. **Chen PP**, Takahashi Y, Leen MM, Li Y, Bhandari A, Mills RP: The effects of compression sutures on filtering blebs in rabbit eyes. Ophthalmic Surg Lasers 1999;30:216-20.
18. Musch DC, Lichter PR, Guire KE, Standardi CL, **CIGTS Study Group**: The Collaborative Initial Glaucoma Treatment Study: Study designs, methods, and baseline characteristics of enrolled patients. Ophthalmology 1999;106:653-62.
19. Bhandari A, **Chen PP**, Mills RP: Effects of contact lenses on scanning laser polarimetry of the peripapillary nerve fiber layer. Am J Ophthalmol 1999;127:722-4.
20. Budenz DL, **Chen PP**, Weaver YK: Conjunctival advancement for late-onset filtering bleb leaks: indications and outcomes. Arch Ophthalmol 1999;117:1014-19.
21. Hu D, **Chen PP**, Oda D: The effect of longterm-stored mitomycin C on human Tenon's fibroblast proliferation. J Glaucoma 1999;8:302-5.
22. Yamada N, **Chen PP**, Mills RP, Leen MM, Lieberman MF, Stamper RL, Stanford DC: Screening for glaucoma with frequency-doubling technology and Damato campimetry. Arch Ophthalmol 1999;117:1479-84.
23. Wilson MR, **Chen PP**, Rothman RF. Management of late bleb leaks. J Glaucoma 1999;8:263-6.
24. **Chen PP**, Bhandari A: Fellow eye prognosis in patients with severe visual loss in one eye from chronic open angle glaucoma. Arch Ophthalmol 2000;118:473-8.
25. Yamada N, **Chen PP**, Mills RP, Leen MM, Stamper RL, Lieberman MF, Xu L, Stanford DC: Glaucoma screening using the scanning laser polarimeter. J Glaucoma 2000;9:254-61.
- *26. **Chen PP**, Park RJ: Visual field progression in patients with initially unilateral visual field loss from chronic open angle glaucoma. Ophthalmology 2000;107:1688-92.
27. Singh K, Mehta K, Shaikh NM, Tsai JC, Moster MR, Budenz DL, Greenfield DS, **Chen PP**, Cohen JS, Baerveldt GS, Shaikh S, and the Primary Trabeculectomy Antimetabolite Study Group: Trabeculectomy with intraoperative mitomycin C versus 5-fluorouracil: prospective randomized clinical trial. Ophthalmology 2000;107:2305-9.

28. Mills RP, Janz NJ, Wren PA, Guire KE, the **CIGTS Study Group**. Correlation of visual field with quality of life measures at diagnosis in the Collaborative Initial Glaucoma Treatment Study. J Glaucoma 2001;10:192-8.
29. Janz NK, Wren PA, Lichter PR, Musch DC, Billespie BW, Guire KE, and the **CIGTS Study Group**: Quality of life in newly diagnosed glaucoma patients. Ophthalmology 2001;108:887-98.
30. Park RJ, **Chen PP**, Karyampudi P, Mills RP, Harrison DA, Kim J: Effects of cataract extraction with intraocular lens placement on scanning laser polarimetry of the peripapillary nerve fiber layer. Am J Ophthalmol 2001;132:507-11.
31. Lichter PR, Musch DC, Gillespie BW, Guire KE, Janz NK, Wren PA, Mills RP, and the **CIGTS Study Group**: Interim clinical outcomes in the Collaborative Initial Glaucoma Treatment Study comparing initial treatment randomized to medications or surgery. Ophthalmology 2001;108:1943-53.
32. Janz NK, Wren PA, Lichter PR, Musch DC, Gillespie BW, Guire KE, Mills RP, and the **CIGTS Study Group**: The Collaborative Initial Glaucoma Treatment Study: Interim quality of life findings after initial medical or surgical treatment of glaucoma. Ophthalmology 2001;108:1954-65.
33. Rhee DJ, Greenfield DS, **Chen PP**, Schiffman J: Reproducibility of retinal nerve fiber layer thickness measurements using scanning laser polarimetry in pseudophakic eyes. Ophthalmic Surg Lasers 2002; 33:117-22.
34. Shields JR, **Chen PP**, Mills RP: Topographic mapping of glaucomatous visual field defects to scanning laser polarimetry of the peripapillary nerve fiber layer. Ophthalmic Surg Lasers 2002; 33:123-6.
35. Joston PJ, Kamantigue MEG, **Chen PP**: Learning effects among perimetric novices in Frequency Doubling Technology perimetry. Ophthalmology 2002;109:757-60.
- *36. **Chen PP**: Correlation of visual field progression between eyes in patients with chronic open-angle glaucoma. Ophthalmology 2002;109:2093-9.
37. Boehm MD, Nedrud C, Greenfield DS, **Chen PP**. Scanning laser polarimetry and detection of progression after optic disc hemorrhage in patients with glaucoma. Arch Ophthalmol 2003;121:189-94.
- *38. **Chen PP**: Blindness in patients with treated open angle glaucoma. Ophthalmology 2003;110:726-33.
39. Park RJ, Mudumbai RC, **Chen PP**. Intraocular pressure in patients with human immunodeficiency virus and treated with highly active anti-retroviral therapy. Am J Ophthalmol 2003;136:360-1.
40. Gillespie BW, Musch DC, Guire KE, Mills RP, Lichter PR, Janz NK, Wren PA; **CIGTS (Collaborative Initial Glaucoma Treatment Study) Study Group**. The collaborative initial

glaucoma treatment study: baseline visual field and test-retest variability. Invest Ophthalmol Vis Sci 2003;44:2613-20.

41. Read RW, **Chen PP**, Bhandari A, Mills RP, Cinciripini GS, Taylor CC. Intraocular pressure in a Somali population living in the United States. J Glaucoma 2003;12:365-9.
42. Brush MB, **Chen PP**. Learning effect among perimetric novices with C-20-1 screening frequency doubling technology perimetry. Am J Ophthalmol 2004;137:551-2.
43. **Chen PP**. Risk and risk factors for blindness from glaucoma. Curr Opin Ophthalmology 2004;15:107-11.
44. Brush MB, **Chen PP**. Test-retest variability in glaucoma patients tested with C-20-1 screening-mode Frequency Doubling Technology perimetry. J Glaucoma 2004;13:273-7.
- *45. Kim JW, **Chen PP**. Central corneal thickness and visual field progression in patients with open angle glaucoma. Ophthalmology 2004;111:2126-32.
46. Gunvant P, Zheng Y, Essock EA, **Chen PP**, Greenfield DS, Bagga H, Boehm MD. Predicting Subsequent Visual Field Loss In Glaucomatous Subjects With Disc Hemorrhage using RNFL Polarimetry. J Glaucoma 2005;14:20-25.
47. Jampel HD, Musch DC, Gillespie BW, Lichter PR, Wright MM, Guire KE; **Collaborative Initial Glaucoma Treatment Study Group**. Perioperative complications of trabeculectomy in the Collaborative Initial Glaucoma Treatment Study (CIGTS). Am J Ophthalmol 2005;140:16-22.
48. Gedde SJ, Schiffman JC, Feuer WJ, Parrish RK 2nd, Heuer DK, Brandt JD; **Tube versus Trabeculectomy Study Group**. The tube versus trabeculectomy study: design and baseline characteristics of study patients. Am J Ophthalmol 2005;140:275-87.
49. Lee PP, Walt JG, Doyle JJ, Kotak SV, Evans SJ, Budenz DL, **Chen PP**, Coleman AL, Feldman RM, Jampel HD, Katz LJ, Mills RP, Myers JS, Noecker RJ, Piltz-Seymour JR, Ritch RR, Schacknow PN, Serle JB, Trick GL. A multi-center, retrospective pilot study of resource utilization and costs associated with severity of disease in glaucoma. Arch Ophthalmol 2006;124:12-19.
50. Kamantigue MEG, Joston PJ, **Chen PP**. Prediction of visual field defects on standard automated perimetry by screening C-20-1 FDT perimetry. J Glaucoma 2006;15:35-39.
51. Musch DC, Gillespie BW, Niziol LM, Janz NK, Wren PA, Rockwood EJ, Lichter PR; **Collaborative Initial Glaucoma Treatment Study Group**. Cataract extraction in the collaborative initial glaucoma treatment study: incidence, risk factors, and the effect of cataract progression and extraction on clinical and quality-of-life outcomes. Arch Ophthalmol. 2006;124:1694-700.
52. Gedde SJ, Schiffman JC, Feuer WJ, Herndon LW, Brandt JD, Budenz DL, **Tube versus Trabeculectomy Study Group**. Treatment outcomes in the tube versus trabeculectomy study after one year of follow-up. Am J Ophthalmol 2007;143:9-22.

53. Gedde SJ, Herndon LW, Brandt JD, Budenz DL, Feuer WJ, Schiffman JC, **Tube versus Trabeculectomy Study Group**. Surgical complications in the Tube Versus Trabeculectomy Study during the first year of follow-up. Am J Ophthalmol 2007;143:23-31.
54. Ngan R, Lam DL, Mudumbai RC, **Chen PP**. Risk factors for noncompliance with follow-up among normal-tension glaucoma suspects. Am J Ophthalmol, 2007;144:310-11.
55. Jampel HD, Frick KD, Janz NK, Wren PA, Musch DC, Rimal R, Lichter PR; **CIGTS Study Group**. Depression and mood indicators in newly diagnosed glaucoma patients. Am J Ophthalmol. 2007;144:238-244.
56. Musch DC, Gillespie BW, Niziol LM, Cashwell LF, Lichter PR; **CIGTS Study Group**. Factors associated with intraocular pressure before and during 9 years of treatment in the Collaborative Initial Glaucoma Treatment Study. Ophthalmology 2008;115:927-33.
57. Rauscher FM, Gedde SJ, Schiffman JC, Feuer WJ, Barton K, Lee RK; **Tube Versus Trabeculectomy Study Group**. Motility disturbances in the tube versus trabeculectomy study during the first year of follow-up. Am J Ophthalmol 2009;147:458-66.
58. Gedde SJ, Schiffman JC, Feuer WJ, Herndon LW, Brandt JD, Budenz DL; **Tube Versus Trabeculectomy Study Group**. Three-year follow-up of the tube versus trabeculectomy study. Am J Ophthalmol 2009;148:670-84.
59. Wren PA, Musch DC, Janz NK, Niziol LM, Guire KE, Gillespie BW; **CIGTS Study Group**. Contrasting the use of 2 vision-specific quality of life questionnaires in subjects with open-angle glaucoma. J Glaucoma 2009;18:403-11.
60. Almond MC, Wu MC, **Chen PP**. Pigment dispersion and chronic intraocular pressure elevation after sulcus placement of an AcrySof MA60AC lens. J Cataract Refract Surg 2009;35:2164-6.
61. Musch DC, Gillespie BW, Lichter PR, Niziol LM, Janz NK; **CIGTS Study Investigators**. Visual field progression in the Collaborative Initial Glaucoma Treatment Study: the impact of treatment and other baseline factors. Ophthalmology 2009;116:200-7.
62. Janz NK, Much DC, Gillespie BW, Wren PA, Niziol LM; **Collaborative Initial Glaucoma Treatment Study (CIGTS) Investigators**. Evaluating clinical change and visual function concerns in drivers and nondrivers with glaucoma. Invest Ophthalmol Vis Sci 2009;50:1718-25.
63. **Chen PP**, Bhandari A. Resident performance on the Ophthalmic Knowledge Assessment Program and the Written Qualifying Examination for Board certification. J Academic Ophthalmology 2010;3:11-14.
64. Gedde SJ, Heuer DK, Parrish RK 2nd; **Tube Versus Trabeculectomy Study Group**. Review of results from the Tube versus Trabeculectomy Study. Curr Opin Ophthalmology 2010;21:123-8.

65. Radcliffe NM, Musch DC, Niziol LM, Liebmann JM, Ritch R; **CIGTS Study Group**. The effect of trabeculectomy on intraocular pressure of the untreated fellow eye in the Collaborative Initial Glaucoma Treatment Study. *Ophthalmology* 2010;117:2055-60.
66. **Chen PP**, Cady RS, Mudumbai RC, Ngan R. Continued visual field progression in eyes with prior visual field progression in patients with open angle glaucoma. *J Glaucoma* 2010;19:598-603.
67. **Chen PP**, Musch DC, Niziol LM; CIGTS Study Group. The effect of early post-trabeculectomy intraocular pressure spike in the Collaborative Initial Glaucoma Treatment Study. *J Glaucoma* 2011;20:211-4.
68. Moore DB, Reck SD, **Chen PP**. Angle closure glaucoma associated with ectopia lentis in a patient with Sturge-Weber Syndrome. *Eye* 2011;25:1235-6.
69. Musch DC, Gillespie BW, Niziol LM, Lichter PR, Varma R; **CIGTS Study Group**. Intraocular pressure control and long-term visual field loss in the Collaborative Initial Glaucoma Treatment Study. *Ophthalmology* 2011;118:1766-73.
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LETTERS/BOOK REVIEWS

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8. **Chen PP**. Clinical glaucoma management: Critical signs in diagnosis and therapy, by Ronald L. Gross. J Glaucoma 2001;10:502-3.
9. **Chen PP**. Paracentesis for angle closure glaucoma. Ophthalmology 2003;110:1283-4.
10. Moore DB, **Chen PP**. Response to "Alternative diagnoses with ectopia lentis." Eye 2011 Dec 2 (epub ahead of print).
11. **Chen PP**. Resident OKAP performance. Ophthalmology 2012;119:647.

CHAPTERS/PROCEEDINGS/ON-LINE PUBLICATIONS:

1. Conrad PA, **Chen PP**, Dolan TT: Detection of *Theileria parva* in the salivary glands of infected *Rhipicephalus appendiculatus* ticks with DNA probes. In: *Proceedings of Int'l Veterinary Hemoparasitology Research Worker's Conference*. St. Louis, Mo., 1989.
2. Karyampudi P, Wang L, **Chen PP**, Mills RP: "Measurement of large optic discs using the nerve fiber analyzer, GDx," In: *Perimetry Update 1998.99. Proceedings of the XIII Int'l Perimetric Society Meeting, Gardone Riviera (BS), Italy, September 6-9, 1998*. Edited by M. Wall & J.M. Wild. Copyright © 1999 Kugler Publications: The Hague, The Netherlands; pp. 395-402.
3. Mills RP, **Chen PP**: "Studies with the GDx Nerve Fiber Analyzer," In: Lemij HG & Schuman JS (eds.): *The Shape of Glaucoma, Quantitative Neural Imaging Techniques*. Copyright © 2000 Kugler Publications, The Hague, The Netherlands; pp. 129-48.
4. **Chen PP**: "Glaucoma Laser Therapy," In: Brandt JD (ed), American Academy of Ophthalmology Specialty Care Update: Glaucoma, on-line at www.aaopt.org (released July 2003).
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6. **Chen PP**: "How frequently does blindness develop among patients with open-angle glaucoma? With ocular hypertension?," In: Heuer DK (ed): *Curbside Consultation in Glaucoma*. Copyright © 2008 Slack Inc., New York.
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8. **Chen PP**: "Obstruction of the tube/valve," In: Feldman R, Bell N (eds): *Complications of Glaucoma Surgery*. Copyright © 2013 Oxford University Press, New York.

Abstracts

1. **Chen PP**, Conrad PA: DNA probes detect *Theileria parva* in the salivary glands of *Rhipicephalus appendiculatus* ticks. Yale J Biol Med 1991;64:263-4.
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11. Bhandari A, **Chen PP**, Mills RP: Effect of contact lenses on nerve fiber layer thickness measurements using the NFA. Invest Ophthalmol Vis Sci (Suppl) 1998;39:S699 [#3211].
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33. Sinai MJ, Essock EA, **Chen PP**, Mills RP: Fourier analysis of polarimetry data indicates structural differences between normal-tension glaucoma and POAG. Invest Ophthalmol Vis Sci 2002;43:E-abstract 302.
34. Brush MB, **Chen PP**: Screening with Frequency Doubling Technology perimetry: Do subjects with glaucoma demonstrate a learning effect? Invest Ophthalmol Vis Sci 2002;43:E-abstract 2152.
35. Cady RS, Mudumbai RC, **Chen PP**: Visual field stability in eyes with open angle glaucoma that have prior visual field progression. Invest Ophthalmol Vis Sci 2002;43:E-abstract 2212.
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38. Bagai S, Mudumbai RC, **Chen PP**: Blindness in glaucoma patients at a County Hospital. *Journal of Investigative Medicine*;52:S125 (January 2004).
39. Mudumbai RC, Eksioglu U, Bhandari A, **Chen PP**: Comparison of glaucoma and vision characteristics of patients with severe, moderate, and mild vision loss from ocular chemical burns. Invest Ophthalmol Vis Sci 2004;44:E-abstract 5562.
40. Musch DC, Gillespie BW, Lichter PR, Varma R, Skuta GL, Guire KE, **CIGTS Study Group**. Does initial treatment approach matter for newly-diagnosed open-angle glaucoma? The differential role of baseline visual field severity in subsequent loss. ARVO 2004 poster presentation.
41. Lam DL, **Chen PP**. Risk of progression in normal tension glaucoma suspects. Invest Ophthalmol Vis Sci 2005;45:E-abstract 1303.

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49. Moore DB, Walton C, Moeller K, Slabaugh M, Mudumbai R, **Chen P**. Prevalence of and risk factors for early glaucoma eyedrop bottle exhaustion. *Invest Ophthalmol Vis Sci* 2011;51:E-abstract
50. Yang L, **Chen PP**. Determination of optimal intraocular Baerveldt tube position using post-mortem enucleated globes. *Invest Ophthalmol Vis Sci* 2011;51:E-abstract
51. Stein G, Slabaugh MA, **Chen PP**. Post traumatic glaucoma following open globe injury: A retrospective chart review. *Invest Ophthalmol Vis Sci* 2011;51:E-abstract
52. Moore DB, Slabaugh MA, **Chen PP**. Risk factors for post-phacoemulsification IOP spike in open angle glaucoma patients. *Invest Ophthalmol Vis Sci* 2012;52:E-abstract
53. Bojikian K, Slabaugh MA, Chen PP. Optic disc hemorrhage immediately after phacoemulsification in glaucoma patients. *Invest Ophthalmol Vis Sci* 2012;52:E-abstract

Presentations

- 06/86 “Polymorphism of Ia antigens in a wild mouse population,” Honors thesis presentation, Department of Biological Sciences, Stanford University, Stanford, Calif.

- 10/87, 10/90 “DNA probes detect *Theileria parva* in salivary glands of *Rhipicephalus appendiculatus* (with PA Conrad, OK ole-Moi Yoi, WC Brown, and TT Dolan), Downs International Health Fellowship presentations, Yale University School of Medicine, New Haven, Conn.
- 12/92 “Stargardt’s disease and fundus flavimaculatus; Avellino variant of granular dystrophy,” Doheny Eye Institute Residents Days, Los Angeles, Calif.
- 06/93 “Mitomycin C vs. conjunctival autograft for pterygium,” Doheny Eye Institute Alumni Days, Los Angeles, Calif.
- 06/94 “A randomized trial of mitomycin C and conjunctival autograft for primary pterygium,” Doheny Eye Institute, Los Angeles, Calif.
- 01/97 “Screening for glaucoma,” Presentation to the primary care physicians of the Veterans’ Affairs Puget Sound Health Care System, Seattle, Wash.
- 06/97 “Needling Revision of Glaucoma Drainage Device Blebs,” 23rd Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 10/97 “Phacoemulsification in the Glaucoma Patient,” American Academy of Ophthalmology Annual Meeting, AAO Skills Transfer Course, San Francisco, Calif.
- 05/98 “Trabeculectomy Function After Cataract Extraction” (with Y. Weaver, D. Budenz, W. Feuer, and R. Parrish), 24th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 05/98 “Intraocular Pressure in a Somalian Immigrant Population” (with R. Read and R. Mills), 24th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 05/98 “Effect of Contact Lenses on Nerve Fiber Analyzer Images” (with A. Bhandari and R. Mills), 24th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 10/98 “Phacoemulsification in the Glaucoma Patient,” American Academy of Ophthalmology Skills Transfer Course, AAO Annual Meeting, New Orleans, La.
- 06/99 “NFA Pre- and Post-op LASIK Procedure” (with B. Kott and D. Harrison), 25th Annual Resident Alumni Day, Dept. of Ophthalmology, University of Washington, Seattle.
- 06/99 “Trabeculectomy Blebs and Ocular Irritation” (with M. Rausch and R. Mills), 25th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 06/99 “Progression of Normal Fellow Eyes in Patients with Unilateral Glaucomatous VF Loss” (with R. Park), 25th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.

- 06/99 “Economic Analysis of Glaucoma Management: Medical versus Primary Surgical Therapy” (with S. Stelzner), 25th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 06/99 “Nerve Fiber Layer Measurements in Hemifield Defects” (with A. Bhandari and R. Mills), 25th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 06/99 “Topographic Mapping of the Nerve Fiber Layer Using the GDx Nerve Fiber Analyzer” (with J. Shields and R. Mills), 25th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 10/99 “Phacoemulsification in the Glaucoma Patient,” American Academy of Ophthalmology Skills Transfer Course, AAO Annual Meeting, Orlando, Fla.
- 10/99 “Factors that predict the extent of visual field damage at baseline in the Collaborative Initial Glaucoma Treatment Study,” (with Musch DC, Gillespie BW, Lichter PR, Guire KE, CIGTS Study Group), poster presented, Annual Meeting of the American Academy of Ophthalmology, Orlando, Florida
- 10/99 “Relating symptom presentation to visual field loss in the Collaborative Initial Glaucoma Treatment Study,” (with Wren PA, Janz NK, Lichter PR, Musch DC, CIGTS Study Group), free paper, Annual Meeting of the American Academy of Ophthalmology, Orlando, Florida
- 06/00 “The Effect of Cataract Extraction on Nerve Fiber Layer Analysis” (with R. Park), 26th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 06/00 “Fellow Eye Prognosis in Patients with Severe Unilateral Visual Loss from Glaucoma” (with A. Bhandari), 26th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 10/00 “Phacoemulsification in the Glaucoma Patient,” American Academy of Ophthalmology Skills Transfer Course, AAO Annual Meeting, Dallas, Texas.
- 06/01 “Effect of Cataract Extraction on FDT Perimetry,” (with J. Shields), 27th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 06/01 “Learning Effect in FDT Perimetry Among Perimetric Novices,” (with P. Josen and M. Kamantigue), 27th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 06/01 “Intraocular Pressure in HIV Patients on HAART Therapy,” (with R. Park and R. Mudumbai), 27th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.

- 06/01 “Nerve Fiber Analysis Using GDx After Optic Disc Hemorrhage,” (with M. Boehm and D.S. Greenfield), 27th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 11/01 Lichter PR, Janz NK, Musch DC, Gillespie B, Guire KE, Wren PA, Mills RP, CIGTS Study Group. The Collaborative Initial Glaucoma Treatment Study (CIGTS) interim outcomes report with up to 5 years of follow-up. Free paper presented at the 2001 Annual Meeting of the American Academy of Ophthalmology, New Orleans, LA.
- 11/01 Janz NK, Wren PA, Lichter PR, Musch DC, Gillespie B, Guire KE, Mills RP, CIGTS Study Group. Initial quality-of-life findings with up to 5 years of follow up in the Collaborative Initial Glaucoma Treatment Study (CIGTS). Free paper presented at the 2001 Annual Meeting of the American Academy of Ophthalmology, New Orleans, LA.
- 06/02 “Predictive value of frequency doubling technology on visual field defects in standard automated perimetry,” (with P. Joson and M. Kamantigue), 28th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 06/02 “Screening with Frequency Doubling Technology perimetry: Do subjects with glaucoma demonstrate a learning effect?,” (with M. Brush), 28th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 09/02 “Correlation of visual field progression between eyes in patients with open-angle glaucoma,” Washington Academy of Eye Physicians and Surgeons conference, Washington State Medical Association Annual Meeting, Tacoma, WA.
- 06/03 “Association between pseudoexfoliation glaucoma and normal tension glaucoma,” (with R. Elrod), 29th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle
- 06/03 “Residency Program Update,” 29th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle
- 06/03 “Learning effect with C-20-1 screening FDT perimetry,” (with M. Brush), 29th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 11/03 “Intraocular pressure as a predictor of visual field progression in the Collaborative Initial Glaucoma Treatment Study,” (with Lichter PR, Gillespie B, Musch DC, Mills RP, Guire KE, CIGTS Study Group), free paper, Annual Meeting of the American Academy of Ophthalmology, Anaheim, California.
- 01/04 “Blindness among glaucoma patients at a County Hospital,” (with S. Bagai, R. Mudumbai), 2004 Western Regional Meeting, Carmel, California.
- 03/04 “Risks and benefits of intraoperative 5-fluorouracil in the Collaborative Initial Glaucoma Treatment Study (CIGTS),” (with Lichter PR, Musch DC, Guire KE, Gillespie BW, CIGTS Study Group), Annual Meeting of the American Glaucoma Society, San Francisco, California.

- 06/04 "Central corneal thickness and visual field progression in patients with open angle glaucoma," (with J. Kim), 30th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 06/04 "Risk of progression in normal tension glaucoma suspects," (with D. Lam, U. Eksioglu, R. Mudumbai), 30th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 06/04 "UW Residency Program Update," 30th Annual Resident Alumni Day, Department of Ophthalmology, University of Washington, Seattle.
- 10/04 "Central corneal thickness and visual field progression in patients with open angle glaucoma," (with J. Kim), American Academy of Ophthalmology Annual Meeting, New Orleans, Louisiana
- 10/04 "Intraocular pressure as a predictor of visual field loss in the Collaborative Initial Glaucoma Treatment Study," (with Lichter PR, Gillespie BW, Musch DC, Mills RP, Guire KE, CIGTS Study Group), paper presentation, American Academy of Ophthalmology Annual Meeting, Glaucoma Subspecialty Day program, New Orleans, Louisiana
- 06/05 "Risk of progression in normal tension glaucoma suspects," (with Lam DL, Ngan R, Eksioglu U, Mudumbai RC). 31st Annual University of Washington Resident Alumni Day.
- 06/07 "Murine model of glaucoma," (with Wright B, Inman D). 33rd Annual University of Washington Resident Alumni Day.
- 06/08 "The effect of early postoperative IOP spike on visual field progression in the CIGTS," (with Musch DC, Niziol L, CIGTS Study Group). 34th Annual University of Washington Resident Alumni Day.
- 11/08 "The effect of early postoperative IOP spike on visual field progression in the CIGTS," (with Musch DC, Niziol L, CIGTS Study Group). American Academy of Ophthalmology Annual Meeting, Atlanta, Georgia.
- 6/09 "Bleb revision with mitomycin for failed trabeculectomy," (with Moeller K). 35th Annual University of Washington Resident Alumni Day.
- 3/10 "Mitomycin-augmented surgical revision of poorly functioning filtering blebs," (with Moeller K). American Glaucoma Society Annual Meeting, Naples, FL
- 6/10 "Risk factors for intraocular pressure spike in open angle glaucoma patients after phacoemulsification," (with Slabaugh MA, Moore DB). 36th Annual University of Washington Department of Ophthalmology Resident Alumni Day.
- 6/10 "Posttraumatic glaucoma after penetrating ocular injury: a retrospective chart review," (with Stein A, Slabaugh MA). 36th Annual University of Washington Department of Ophthalmology Resident Alumni Day.

- 6/10 "IOL calculations after refractive surgery: Evaluating the Haigis-L method," (with Bagai S). 36th Annual University of Washington Department of Ophthalmology Resident Alumni Day.
- 6/11 "Prevalence of and risk factors for early glaucoma eyedrop bottle exhaustion," (with Moore DB, Walton C, Moeller K, Slabaugh M, Mudumbai R). 37th Annual University of Washington Department of Ophthalmology Resident Alumni Day.
- 6/11 "Determination of optimal intraocular Baerveldt tube position using post-mortem enucleated globes," (with Yang L). 37th Annual University of Washington Department of Ophthalmology Resident Alumni Day.

Invited Lectures

- 10/99 American Academy of Ophthalmology Glaucoma Subspecialty Day, AAO Annual Meeting, Orlando, FL. "Needling for the Failing Filter."
- 03/00 Washington Academy of Eye Physicians and Surgeons Annual Meeting, Seattle, WA. "Nerve Fiber Analysis in Glaucoma."
- 01/01 Immunex Corporation Research Division, Seattle. "Normal tension glaucoma."
- 02/01 4th Annual Ocular Drug and Surgical Therapy Update. Laguna Nigel, CA. "Surgical Glaucoma Therapy: Seton vs. Trabeculectomy," Session: *Current Glaucoma Practice*.
- 02/02 40th Anniversary Scientific Session, Bascom Palmer Eye Institute, Miami, FL. "Blindness in Patients with Chronic Open-angle Glaucoma,"
- 10/02 American Academy of Ophthalmology Glaucoma Subspecialty Day, AAO Annual Meeting, Orlando, FL. "Glaucoma in the Aphakic Eye."
- 03/04 Contemporary Issues in Glaucoma Diagnosis and Therapy, Newport Beach, CA. "Risk assessment in ocular hypertension."
- 03/04 Contemporary Issues in Glaucoma Diagnosis and Therapy, Newport Beach, CA. "Tube vs. Trabeculectomy."
- 05/04 Visiting Professor, Department of Ophthalmology, University of California – Davis, Sacramento, CA. "Central corneal thickness and visual field progression in patients with open angle glaucoma."
- 05/04 Visiting Professor, Department of Ophthalmology, University of California – Davis, Sacramento, CA. "Tube vs. Trabeculectomy."
- 05/04 Ophthalmic Photographers' Society Mid Year Educational Program, Seattle, WA. "Documenting the Optic Disc and Retinal Nerve Fiber Layer: Why and How."
- 10/04 American Academy of Ophthalmology Glaucoma Subspecialty Day, AAO Annual Meeting, New Orleans, LA. "Late onset bleb leakage: When is observation warranted?"

- 10/05 American Academy of Ophthalmology Glaucoma Subspecialty Day, AAO Annual Meeting, Chicago, IL. "Can we identify those who will go blind from glaucoma?"
- 07/06 32nd Annual Kevin Hill Seminar in Ophthalmology, Waterville, ME. "Blindness from glaucoma: What are the chances? Can we beat the odds?"
- 07/06 32nd Annual Kevin Hill Seminar in Ophthalmology, Waterville, ME. "Trabeculectomy management."
- 01/07 Hawaiian Eye Meeting 2007, Koloa, HI. "Controversy: Initial therapy: Trabeculectomy first."
- 02/07 Glaucoma Summit IV, Yosemite National Park, CA. "Glaucoma Surgery: Update."
- 01/08 Hawaiian Eye Meeting 2008, Waikoloa, HI. "Who is at risk for blindness from glaucoma?"
- 09/08 Visiting Professor, Department of Ophthalmology, University of Missouri - Kansas City, Kansas City, MO. "Pearls of trabeculectomy management."
- 09/08 Visiting Professor, Department of Ophthalmology, University of Missouri - Kansas City, Kansas City, MO. "Blindness from open angle glaucoma: What are the chances? What are the risk factors?"
- 09/08 Visiting Professor, Department of Ophthalmology, University of Missouri - Kansas City, Kansas City, MO. "The effect of early postoperative IOP spike on visual field progression in the CIGTS."
- 01/09 Hawaiian Eye Meeting 2009, Wailea, HI. "Cataract in the glaucoma patient: What's a surgeon to do?"
- 05/10 Gained In Translation, Department of Ophthalmology, University of Washington, Seattle. "Glaucoma: Past, Present, and Future."
- 02/11 Modern Medicine of the Eye, Department of Ophthalmology, University of Washington, Seattle. "Do I have glaucoma (and what if I do)?":
- 05/12 9th University of Campinas International Glaucoma Course, Sao Paulo, Brazil. "Visual field progression in glaucoma: who gets worse?"
- 05/12 9th University of Campinas International Glaucoma Course, Sao Paulo, Brazil. "Surgical revision of trabeculectomy with adjunctive mitomycin C."
- 05/12 9th University of Campinas International Glaucoma Course, Sao Paulo, Brazil. "The Tube vs. Trabeculectomy Study: what it means to me."
- 06/12 Jules Stein Eye Institute Glaucoma Symposium, San Francisco, CA. "Visual field testing-fundamentals."

11/12 American Academy of Ophthalmology Glaucoma Subspecialty Day, AAO Annual Meeting, Chicago, IL. "Surgical options for glaucoma: Trabeculectomy."