

CAPT Scott Kevin McClatchey, MC, USN
Citizenship: US

Work address

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Education

| <u>Dates</u> | <u>Level</u> | <u>Institution</u> | <u>Degree</u> | <u>Honors</u> |
|-------------------|---|--|---------------|--|
| 1977-06 – 1981-02 | Undergraduate | Wheaton College Wheaton, Illinois | BS (physics) | Highest honor Scholastic Honor Society Sigma Pi Sigma (physics honor society) |
| 1981-10 – 1985-06 | Professional | University of Chicago (Pritzker Medical School) | MD | Alpha Omega Alpha |
| 1985-06 – 1986-07 | Internship (medicine) | National Naval Medical Center, Bethesda, Maryland | | |
| 1988-07 – 1991-07 | Residency (ophthalmology) | National Naval Medical Center, Bethesda, Maryland | | |
| 1993-07 – 1994-07 | Fellowship (pediatric ophthalmology & strabismus) | George Washington University / Children's National Medical Center, Washington, D.C. | | |

Employment

| <u>Dates</u> | <u>Position</u> | <u>Institution</u> | <u>Location</u> |
|-------------------|--|--|------------------------|
| 1985-06 – 1986-07 | Intern | National Naval Medical Center | Bethesda, Maryland |
| 1986-07 – 1988-06 | General Medical Officer | US Navy Hospital | Subic Bay, Philippines |
| 1988-07 – 1991-07 | Resident | National Naval Medical Center | Bethesda, Maryland |
| 1991-07 – 1993-06 | Head, Department of Ophthalmology | Navy Hospital | Groton, Connecticut |
| 1993-07 – 1994-07 | Fellow | George Washington University Children's National Medical Center | Washington, D.C. |
| 1994-07 – present | Staff pediatric ophthalmologist | Navy Medical Center | San Diego, California |
| 2000-07 – 2004-07 | Assistant Chairman, Department of Ophthalmology | Navy Medical Center | San Diego, California |
| 2000-07 – present | Co-Director, Pediatric Ophthalmology Fellowship | Navy Medical Center / University of California San Diego | San Diego, California |
| 2004-08 – 2004-10 | Interim Chairman, Department of Ophthalmology | Navy Medical Center | San Diego, California |
| 2004-10 – 2008-11 | Chairman, Department of Ophthalmology | Navy Medical Center | San Diego, California |

Appointments

| <u>Dates</u> | <u>Position</u> | <u>Institution</u> | <u>Location</u> |
|-------------------|--|--|--------------------|
| 1993-06 – 2012-02 | Clinical Assistant Professor of Surgery, Department of Surgery | F. Edward Herbert School of Medicine, Uniformed Services University of the Health Sciences | Bethesda, Maryland |
| 2012-02 – 2015-06 | Associate Professor, Department of Surgery | F. Edward Herbert School of Medicine, Uniformed Services University of the Health Sciences | Bethesda, Maryland |
| 2008-04 – 2014-06 | Adjunct Associate Professor, | Loma Linda University | Loma Linda, |

Department of Ophthalmology

California

Collateral Duties

| <u>Dates</u> | <u>Position</u> | <u>Institution</u> | <u>Location</u> |
|-------------------|--|--|-----------------------|
| 1998-11 – 2000-02 | Team Leader, Delays and Waiting Times Working Group, Department of Ophthalmology | Navy Medical Center | San Diego, California |
| 1999-07 – 2004-11 | Chairman, Environment of Care Executive Committee | Navy Medical Center | San Diego, California |
| 2007-05 – 2007-09 | Staff ophthalmologist | USS Peleliu | Southeast Asia |
| 2010-04 – present | Member, Editorial Board | Journal of the American Association for Pediatric Ophthalmology and Strabismus | |
| 2012-12 – present | Ophthalmology representative to the Medical Student Advisory Council | NMCSD | San Diego, California |

Military Active duty US Navy medical officer since 1985-06, date of rank (CAPT) 2003-02-01, lineal #024105-20

License California medical license #G89322 (issued 2013-03-06; expires 2014-06-30)
 Virginia medical license #0101041871 (issued 1987-12-31; expires 2014-06-30)
 Illinois medical license #036074228 (issued 1986-12-16; expired 1987-07-31, inactive)

Privileged at NMCSD (expires 2014-03-12)

Certified

American Board of Ophthalmology (originally issued 1992-10-18, re-cert expires 2022-12-31, Certificate # 304982, ID # 20289)
 BLS (expires 2015-02-04)
 ACLS (expires 2015-02-20)

Professional memberships

American Academy of Ophthalmology, Fellow #00018484
 American Association for Pediatric Ophthalmology and Strabismus
 Costenbader Society
 Society of Military Ophthalmologists
 Meier Weiner Society
 IOL Power Club

Past memberships:

Association of University Professors of Ophthalmology
 American Society of Cataract and Refractive Surgery
 Association for Research in Vision and Ophthalmology
 San Diego Eye Bank

Awards

Master Clinician, Naval Medical Center San Diego (2011)
 Meier Weiner, Department of Ophthalmology, Naval Medical Center San Diego (1995, 2010)
 AAPOS Honor Award (2013)
 Meritorious Service
 Navy Commendation x 2 (1998-04, 1988)
 National Defense Service Medal x 2 (1992-04-29, 2002-06-04)
 Meritorious Unit Commendation x 2 (1991-07-31, 1996-01-01)

Major exams

| Exam | Date | Score | Percentile |
|---------------------------------|---------|-----------------------|------------|
| Medical College Admissions Test | 1980-04 | 13.5 (mean) out of 15 | |
| GRE advanced - Physics | 1980-10 | 800 | |

| | | | |
|---|------------|------|----|
| NBME Part I, ID #304982 | 1983-06 | 755 | 99 |
| NBME Part II, ID #304982 | 1984-04 | 710 | 99 |
| NBME Part III, ID #304982 | 1986-03-05 | 685 | |
| OKAP 1 st year residency | 1989-04-15 | | 97 |
| OKAP 2 nd year residency | 1990-04-21 | 675 | 97 |
| OKAP 3 rd year residency | 1991-04-20 | 704 | 99 |
| American Board of Ophthalmology written | ~1992 | | 98 |
| American Board of Ophthalmology oral | ~1993 | Pass | |

Peer-reviewed articles

1. McClatchey SK, Flint N. A sustained demonstration Foucault pendulum. *The Physics Teacher*. Jan 1981.
2. Wall KA, Lorber MI, Loken MR, McClatchey SK, Fitch FW. Inhibition of proliferation of Mls- and Ia- reactive cloned T cells by a monoclonal antibody against a determinant shared by I-A and I-E. *The Journal of Immunology*. 1983; 1056-1064.
3. Wilson ME, McClatchey SK, Zimmerman LE. Rhabdomyosarcoma of the ciliary body. *Ophthalmology*. 1990; 1484-1488.
4. Wilson ME, McClatchey SK. Dissociated horizontal deviation. *Journal of Pediatric Ophthalmology and Strabismus*. 1991; 90-95.
5. Eisenbaum AM, McClatchey SK, Pashley NRT. Intranasal visualization for nasolacrimal duct intubation. *Am J Ophthalmol*. 1995; 655-657.
6. McClatchey SK, Parks MM. Myopic shift after cataract removal in childhood. *Journal of Pediatric Ophthalmology and Strabismus*. 1997;34:88-95.
7. Tanzer DJ, McClatchey SK. Spontaneous hyphema secondary to a prominent pupillary membrane in a neonate. *Journal of Pediatric Ophthalmology and Strabismus*. 1997;34:318-320.
8. McClatchey SK, Parks MM. Theoretic refractive changes after lens implantation in childhood. *Ophthalmology*. 1997;104:1744-1751.
9. McClatchey SK. An IOL calculator for childhood cataracts. *Journal of Cataract and Refractive Surgery*. 1998;24:1125-1129.
10. McClatchey SK, Dahan E, Maselli E, Gimbel HV, Wilson ME, Lambert SR, Buckley EG, Freedman SF, Plager DA, Parks MM. A comparison of the rate of refractive growth in pediatric aphakic and pseudophakic eyes. *Ophthalmology*. 2000;107:118-122.
11. Asrani S, Freedman S, Hasselblad V, Buckley EG, Egbert J, Dahan E, Gimbel H, Johnson D, McClatchey S, Parks M, Plager D, Maselli E. Does primary intraocular lens implantation prevent “aphakic” glaucoma in children? *Journal of AAPOS*. 2000;4:33-39.
12. Weakley DR, Birch E, McClatchey SK, Feliuss J, Parks MM, Stager J. The association between myopic shift and visual acuity outcome in pediatric aphakia. *Journal of AAPOS*. 2003 Apr;7(2):86-90.
13. Lombard PN, Borges OA, McClatchey SK. Intraocular lens power requirements for humanitarian Missions. *Journal of Cataract and Refractive Surgery*, 2009 Oct; 35(10):1734-8.
14. Boisvert C, Beverly DT, McClatchey SK. Theoretical strategy for choosing the piggyback intraocular lens powers in young children. *Journal of AAPOS*. 2009 Dec;13(6):555-7.
15. McClatchey SK, Hofmeister EM. The optics of aphakic and pseudophakic eyes in childhood. *Survey of Ophthalmology*, 2010-03-26 55(2): 174-182.
16. McClatchey SK, Lane RG, Kubis KC, Boisvert C. Competency checklists for strabismus surgery and retinopathy of prematurity examination. *Journal of AAPOS*, 2012 Feb;16(1):75-9.
17. Vanderveen DK, Nizam A, Lynn MJ, Bothun ED, McClatchey SK, Weakley DR, Dubois LG, Lambert SR; for the Infant Aphakia Treatment Study Group. Predictability of Intraocular Lens Calculation and Early Refractive Status: The Infant Aphakia Treatment Study. *Arch Ophthalmol*. 2012 Mar;130(3):293-299.
18. Schmitz JW, Davis KD, McClatchey SK. Intraocular lens power calculation for humanitarian missions based on partial biometry. *J Cataract Refract Surg*. 2012 May 18.
19. Reanalysis of refractive growth in pediatric pseudophakia and aphakia. Whitmer S, Xu A, McClatchey S. *J AAPOS*. 2013 Apr;17(2):153-7.

Invited publications, book chapters, web pages, editorials

1. Kushner BJ (editor), Cline RA, Christiansen SP, McClatchey SK, Schwartz T. Grand Rounds #43: A case of residual esotropia with a high AC/A ratio after large bilateral medial rectus recessions. *Binocular Vision & Strabismus Quarterly*. 1996; 11:200-204.
2. Kushner BJ (editor), Plager DA, Metz TH, Elsas FJ, McClatchey SK, Holmes JM, Donahue SP. Grand Rounds #61: A case of persistent overcorrection after surgery for a superior oblique palsy. *Binocular Vision & Strabismus Quarterly*. 2001;16(1):36-42.
3. McClatchey SK. “Extraocular Muscle Trauma” in *Textbooks of Military Medicine: Ophthalmic Care of the Combat Casualty*. Thach AB, specialty editor. Office of the Surgeon General at TMM Publications, publisher. pp 385-394. 2003.
4. McClatchey SK, Hofmeister EM. “Intraocular lens power calculation for children” in *Pediatric Cataract Surgery: Techniques, Complications and Management*. Wilson ME, Trivedi RH, and Pandey SK, editors. Lippincott Williams & Wilkins. pp 30-37. 2005.

5. Hoffer KJ, Aramberri J, Haigis W, McClatchey SK, Norrby S, Olsen T, Savini G, Shammas HJ, Prager T. IOL Power Calculation: Basics. <http://one.aao.org/lms/courses/iolpowerbasics>. http://one.aao.org/lms/courses/IOLPowerFormulas/lo_16.html. 2010-05-21.
6. McClatchey SK, Hofmeister EM. Refractive change after cataract surgery in children. www.scitopics.com/Refractive_change_after_cataract_surgery_in_children.html (web site discontinued) Published 2010-07-16.
7. McClatchey SK. Choosing IOL power in pediatric cataract surgery. *Int Ophthalmol Clin*. 2010 Fall;50(4):115-23.
8. McClatchey SK. "Special circumstances: Pediatric eyes." in *IOL Power*. Hoffer KJ, editor. Slack. pp 215-218. 2011.
9. McClatchey SK. Secondary intraocular lens implantation as a form of refractive surgery. *J AAPOS*. 2011 Oct;15(5):415-6.
10. McClatchey SK, Hofmeister EM. "Calculation and Selection of Intraocular Lens Power for Children" in *Pediatric Cataract Surgery: Techniques, Complications and Management*. 2nd edition. Wilson ME, Trivedi RH, editors. Lippincott Williams & Wilkins. pp. 2014. In press
11. McClatchey SK. "Measuring and Managing Residual Refractive Error after Intraocular Lens Implantation" in *Pediatric Cataract Surgery: Techniques, Complications and Management*. 2nd edition. Wilson ME, Trivedi RH, editors. Lippincott Williams & Wilkins. pp. 2014. In press

Letters published in peer-reviewed journals

1. Wilson ME, McClatchey SK. Axial length and the response to strabismus surgery [letter]. *Arch Ophthalmol* 1990 Apr;108(4):476-477
2. McClatchey SK. Refractive changes after lens implantation in childhood [Author's reply to a letter to the editor]. *Ophthalmology*. 1998;105:1572-1573.

Professional computer programs written by SK McClatchey, and either published broadly, or distributed through the USUHS and military ophthalmic community

1. McClatchey SK. EYES. Version 1.1. 1989 (*A graphical computer simulation of strabismus and pupil reactions, for DOS, primarily for teaching strabismus to medical students*)
2. McClatchey SK. Pediatric IOL Calculator. 1997-04-01 (*a stand-alone computer program to calculate refractive changes after intraocular lens (IOL) implantation in childhood. This was described in a peer-reviewed journal and remains the standard for predicting refraction in pseudophakic children*)
3. McClatchey SK. FM 100 scoring sheet. 2002-12-17. (*a spreadsheet program to calculate the FM 100 color vision test result, used primarily by Navy ophthalmologists*)
4. McClatchey SK. Clinic IOL calculator with ACIOL. 2004-04-21 (*a computer program written using Visual Basic for Applications for Excel, used by Navy ophthalmologists*)
5. McClatchey SK. Pediatric Piggyback IOL Calculator. 2005-08-12. (*a computer program written using Visual Basic for Applications for Excel, this expands the scope and range of the Pediatric IOL Calculator, and makes it available as an Excel spreadsheet*)
6. McClatchey SK. Strabismus surgery spreadsheet. 2009.
7. Lombard P, McClatchey SK. JCRS IOL HA distribution model. 2009-10.
8. McClatchey SK. Research Pediatric IOL Calculator. 2010-01.
9. McClatchey SK. IOL calculator from aphakic refraction. 2011.
10. McClatchey SK. Strabismus surgery table. 2012. *For multiple combinations of 1- to 4- muscle horizontal surgery.*

Oral presentations

1. Wilson ME, McClatchey SK. Dissociated horizontal deviation. 16th annual meeting of the American Association for Pediatric Ophthalmology and Strabismus. 1990-07-29 to 1997-08-02, The Sagamore Resort, Bolton Landing, New York.
2. McClatchey SK, Parks MM. Myopic shift after cataract removal in childhood. 21st annual meeting of the American Association for Pediatric Ophthalmology and Strabismus. 1995-08-05 to 1995-08-09, Walt Disney World Yacht Club Resort, Orlando, Florida.
3. McClatchey SK, Parks MM. Myopic shift after cataract removal in childhood. 1995 Symposium on Cataract, IOL, and Refractive Surgery of the American Society of Cataract and Refractive Surgeons. 1995-10-05 to 1995-11-02, San Diego, California.

4. McClatchey SK. Computerized intraocular lens calculator for childhood cataract. 1998 Symposium on Cataract, IOL and Refractive Surgery of the American Society of Cataract and Refractive Surgeons. 1998-04-18 to 1998-04-22, San Diego, California.
5. McClatchey SK. Discussion of "Refractive change in pediatric pseudophakia: 5-year follow-up" by Plager DA et al. 25th annual meeting of the American Association for Pediatric Ophthalmology and Strabismus. 2000-04-14, Hotel del Coronado, Coronado, California.
6. McClatchey SK. Refractive growth in pseudophakic children. In the workshop "Pediatric cataracts: problems and solutions" led by Palmer E. 25th annual meeting of the American Association for Pediatric Ophthalmology and Strabismus. 2000-04-14, Hotel del Coronado, Coronado, California.
7. McClatchey SK. IOLs in Children: What Power? Symposium on Cataract and Refractive Surgery, American Society of Cataract & Refractive Surgery, 2001-04-29, San Diego, California.
8. McClatchey SK. Pediatric Cataract: Before and After Surgery. Symposium, Joint Commission on Allied Health Personnel in Ophthalmology, 2001-04-29, San Diego, California.
9. McClatchey SK. Refractive Change Following Pediatric Cataract Surgery. Symposium, AAO, 2004-10-25, New Orleans, Louisiana.
10. McClatchey SK. Refractive change after IOL implantation in children. Symposium on Cataract and Refractive Surgery, American Society of Cataract & Refractive Surgery, 2006-03-21, San Francisco, California.
11. Lombard PN, McClatchey SK. Intraocular Lens Power Requirements for Navy Humanitarian Missions. Academic Research Competition, Naval Medical Center, San Diego, California, 2008-04-18.
12. McClatchey SK, Lombard PN. A statistical model for planning the distribution of IOL powers to order for humanitarian missions (adults), to minimize excess cost while maximizing the availability of suitable IOLs. 4th Annual Meeting of the IOL Power Club, St Pete Beach, Florida, 2008-11-15.
13. McClatchey SK. Pediatric refractive growth in aphakia and pseudophakia, and theoretic long-term predicted refractions for choosing IOL powers in children. 4th Annual Meeting of the IOL Power Club, St Pete Beach, Florida, 2008-11-15.
14. Lombard PN, McClatchey SK. Intraocular Lens Power Requirements for Navy Humanitarian Missions. Symposium on Cataract and Refractive Surgery, American Society of Cataract & Refractive Surgery, 2009-04.
15. McClatchey SK. Improving the model of refractive growth in pediatric pseudophakia. NMCS Research Symposium, NMCS San Diego CA, 2009-05-16.
16. McClatchey SK. Improving the model of refractive growth in pediatric pseudophakia. UCSD Annual Residents, Fellows & Alumni Days, San Diego CA, 2009-06-06.
17. McClatchey SK. Determining IOL power in children. 2009 AAO Subspecialty Day, San Francisco, CA, 2009-10-25.
18. McClatchey SK. Muscling in on Refractive Surgery. 4th Annual Military Refractive Surgery Conference, San Antonio TX, 2010-01-12.
19. (presented by Kubis KC) McClatchey SK, Kubis KC, Lane RG, Boisvert C. Competency Checklists: Strabismus Surgery & ROP Examination Validation Study. Educating the Educators, Sarasota FL, 2010-01-27.
20. McClatchey SK. Topics in cataract surgery: intraocular lenses for children, and logistics for humanitarian missions. Smith-Kettlewell Thursday colloquium. San Francisco CA, 2010-06-03.
21. McClatchey SK, Lombard PN. A research calculator for refractive growth in pediatric aphakia and pseudophakia. UCSD Annual Residents, Fellows & Alumni Days, San Diego CA, 2010-06-18.
22. Whitmer SM, Xu A, McClatchey SK (presented by McClatchey SK). Refractive targets in children undergoing IOL implantation. International Congenital Cataract Symposium, New York, NY, 2011-03-11.
23. Whitmer SM, Xu A, McClatchey SK. Reanalysis of refractive growth in pediatric aphakia and pseudophakia. Academic Research Competition, Naval Medical Center, San Diego, California, 2011-03-24.
24. Hayes DW, Lombard PN, Davis KD, McClatchey SK. Validation of a statistical model for intraocular lens powers to be used on humanitarian aid missions. Academic Research Competition, Naval Medical Center, San Diego, California, 2011-03-24.
25. Schmitz JW, McClatchey SK. IOL power calculation in humanitarian missions based on partial biometry. Academic Research Competition, Naval Medical Center, San Diego, California, 2011-03-24.
26. Hayes DW, Lombard PN, Davis KD, McClatchey SK. Validation of a statistical model for intraocular lens powers to be used on humanitarian aid missions Symposium on Cataract and Refractive Surgery, American Society of Cataract & Refractive Surgery, San Diego, California, 2011-03-28.

27. McClatchey SK, Whitmer SM, Xu A. Do small eyes grow faster than large eyes? 8th Annual Meeting of the IOL Power Club, Nashville TN, 2012-04-27.
28. McClatchey SK. Error Analysis in Pediatric Pseudophakia. 8th Annual Meeting of the IOL Power Club, Nashville TN, 2012-04-27.

Poster Presentations

1. McClatchey SK, Wilson ME. Surgical correction of esotropia in a patient with bitemporal hemianopsia. 16th annual meeting of the American Association for Pediatric Ophthalmology and Strabismus. 1990-07-29 to 1990-08-02, The Sagamore Resort, Bolton Landing, New York.
2. McClatchey SK, Jaafar, M. Direct visualization for nasolacrimal duct intubation. VIIth meeting of the International Strabismological Association and the 20th meeting of the American Association for Pediatric Ophthalmology and Strabismus. 1994-06-18 to 1994-06-22, Vancouver, British Columbia, Canada.
3. McClatchey SK, Parks MM. Predicting adult refraction after lens implantation in childhood. 1995 Annual meeting of the American Academy of Ophthalmology. 1995-10-29, Atlanta, Georgia.
4. Doughty FA, McClatchey SK. Persistent mydriasis after medial rectus hang-back. 22nd annual meeting of the American Association for Pediatric Ophthalmology and Strabismus. 1996-03-13 to 1996-02-17, The Cliff Lodge, Snowbird, Utah.
5. McClatchey SK. A computerized intraocular lens calculator for childhood cataracts. 23rd annual meeting of the American Association for Pediatric Ophthalmology and Strabismus. 1997-04-02 to 1997-04-06, Charleston, South Carolina.
6. McClatchey SK. Computerized intraocular lens calculator for childhood cataract. American Society of Cataract & Refractive Surgery Symposium on Cataract, IOL and Refractive surgery. 1998-04-18 to 1998-04-22, San Diego, California.
7. McClatchey SK, Dahan E, Maselli E, Gimbel HV, Wilson ME, Lambert SR, et. al. The rate of refractive growth in pediatric pseudophakia. ARVO annual meeting, 1999-05-12, Fort Lauderdale, Florida.
8. Hofmeister EM, McClatchey SK, Dahan E. The effect of IOL power on myopic shift in pediatric pseudophakia. ARVO annual meeting, 1999-05-12, Fort Lauderdale, Florida.
9. McClatchey SK. Theoretic Extension of the Refractive Growth Model for Pediatric Pseudophakia to the First Three Months of Life. American Society of Cataract & Refractive Surgery Symposium on Cataract, IOL and Refractive surgery. 2001-04-28 to 2001-05-02, San Diego, California.
10. McClatchey SK. Theoretic Refractive Effect of Removable Piggyback IOLs in Young Children. American Society of Cataract & Refractive Surgery Symposium on Cataract, IOL and Refractive surgery. 2004-05-01 to 2004-05-05, San Diego, California.
11. McClatchey SK. A research calculator for refractive growth in pediatric aphakia and pseudophakia. Academic Research Competition, Naval Medical Center, San Diego, California, 2011-03-24.
12. Whitmer SM, Xu A, McClatchey SK. Reanalysis of refractive growth in pediatric aphakia and pseudophakia. Symposium on Cataract and Refractive Surgery, American Society of Cataract & Refractive Surgery, San Diego, California, 2011-03-27.
13. Schmitz JW, McClatchey SK. IOL power calculation in humanitarian missions based on partial biometry. Symposium on Cataract and Refractive Surgery, American Society of Cataract & Refractive Surgery, San Diego, California, 2011-03-27.
14. Smith LK, Sandy JL, Lombard PN, Khazaeni LM, Gimbel HV, McClatchey SK, Dunbar JA. Model For Refractive Change After Pediatric Posterior Optic Capture Cataract Surgery. ARVO annual meeting, Ft Lauderdale Florida, 2011-05-01.
15. McClatchey SK, Whitmer SM, Xu A. Do Large Eyes Grow Faster than Small Eyes after Cataract Surgery in Childhood? Academic Research Competition, Naval Medical Center, San Diego, California, 2012-04-20.
16. McClatchey SK. Error Analysis in Pediatric Pseudophakia. Academic Research Competition, Naval Medical Center, San Diego, California, 2013-04-12.

Invited lectures outside of the Command

1. Complications of Strabismus Surgery. Shiley Eye Center, University of California, San Diego CA, 1997-05-19.
2. A & V patterns. Shiley Eye Center, University of California, San Diego CA, 1997-11-03.
3. Myopic shift in pseudophakic children. IATS study group, New Orleans LA, 1998-11-09.
4. A & V patterns, Brown & Duane syndromes. Shiley Eye Center, University of California, San Diego CA, 1999-11-15.

5. Dissociated Horizontal Deviation and Dissociated Vertical Deviation. Shiley Eye Center, University of California, San Diego CA, 2002-03-04.
6. Moderator and speaker, "Refractive Changes in Pediatric Pseudophakia and Aphakia". Walter Reed Army Medical Center & Children's National Medical Center Pediatric Ophthalmology Journal Club. 2003-07-17.
7. A & V patterns, Brown & Duane syndromes. Shiley Eye Center, University of California, San Diego CA, 2004-01-12.
8. E&M coding from the perspective of a Navy Ophthalmologist. American Academy of Professional Coders, Grossmont Healthcare Center, La Mesa CA 2004-01-22.
9. A & V patterns, Brown & Duane syndromes. Shiley Eye Center, University of California, San Diego CA, 2006-02-27.
10. A & V patterns, Brown & Duane syndromes. Shiley Eye Center, University of California, San Diego CA, 2007-11-26.
11. Journal club (pediatric IOLs) and three resident lectures: Refractive Growth in Children with IOLs, IOL distribution for HA missions, and Torsion. Loma Linda University, Loma Linda CA, 2009-09-16 & 17.
12. 2009 Lincoln-Leffler Lecture: Improving the model of refractive growth in pediatric pseudophakia. The Wilmer Ophthalmological Institute, Johns Hopkins Hospital, Baltimore MD. 2009-11-06; followed by resident "professor rounds" on 11-07.
13. Strabismus syndromes. Shiley Eye Center, University of California, San Diego CA, 2009-11-16.

Teaching Portfolio

Course Leadership

| <u>Year</u> | <u>Course</u> | <u>Title</u> |
|----------------|--|--------------|
| 1994 – present | Pediatric Ophthalmology | Director |
| 2000-04-12 | Spanning the Millennium: Pediatric Ophthalmology at the Zoo | Co-director |
| 2000 – present | University of California, San Diego Pediatric Ophthalmology Fellowship | Co-director |
| 2011-03-30 | Pediatric Ophthalmology at the Zoo | Co-director |

Naval Medical Center San Diego Graduate Medical Education

| <u>Year</u> | <u>Course</u> | <u>Lecture/Session</u> | <u>Time & Hours</u> | <u>Number/Level</u> |
|----------------|-------------------------------------|---|---------------------------------------|---------------------|
| 1994 – present | Ophthalmology Residency | Pediatric Ophthalmology See supplemental list | Lecture 25 hr/yr | 9 / PGY-2 to PGY-4 |
| 1994 – present | Pediatric Ophthalmology Rotation | Direct supervision, mentoring, and apprenticeship for 3 months | Clinic 500 hr/yr Surgery 200 hr/yr | 2 / PGY-2 and PGY-3 |
| 1994 – 2010 | Cataract Surgery | IOL calculation | Lecture 1 hr/yr | 9 / PGY-2 to PGY-4 |
| 1994 – present | Ophthalmology Residency | Wet Lab Suture & laser surgery practice | Lab 8 hr/yr | 2 / PGY-2 to PGY-4 |
| 1994 – 2003 | Pediatrics Residency | Pediatric Ophthalmology Rotation | Clinic 10 hr/yr | occasional / PGY-4 |
| 1994 – present | Pediatrics Residency | Ophthalmology for pediatricians, ROP, Non-accidental trauma, and various others | Lecture 1 hr/yr | 30 / PGY-2 to PGY-4 |
| 1994 – 2007 | Ophthalmology Residency | Grand Rounds | Lecture 4 hr/yr | 9 / PGY-2 to PGY-4 |
| 1994 – 2009 | Ophthalmology | Ophthalmology Acute Care Rotation | Clinic 30 hr/yr | 2 / MS-IV to PGY-1 |
| 1998 – 2007 | Ophthalmology Residency | ICD and CPT coding | Lecture 1 hr/yr | 3 / PGY-2 |
| 2000 – present | Pediatric Ophthalmology Fellowship | Direct supervision and apprenticeship of a fellow | Clinic 20 hr/yr Surgery 100 hr/yr | 1 / PGY-5 |
| 2009 – present | Ophthalmology Clerkship Coordinator | Oversight of the clerkship at NMCS D | 20 hr/yr | 40 / MS3 to PGY-2 |
| 2010 – present | Electroretinography | Direct supervision | 30 hr/yr | 3 / PGY-3 |

Mentorship

| <u>Year</u> | <u>Course</u> | <u>Who</u> | <u>Results</u> |
|----------------|----------------------|--|---|
| 2010 – present | High school research | Miss Aurora Xu, Byram Hills High School NY | Presentations x 2 Intel Semi-finalist JSHS local 1 st place |