

SHIRA LYNN ROBBINS, MD, FAAO, FAAP

Associate Clinical Professor
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EDUCATION

Postgraduate

Fellowship	University of California San Diego & Naval Medical Center- San Diego, Pediatric Ophthalmology and Adult Strabismus	July 2002 - June 2003
Residency	Hahnemann University Hospital Dept of Ophthalmology, Philadelphia	1999 - 2002
Internship	University of Pennsylvania Health Systems Presbyterian Hospital, Transitional Year Program, Philadelphia	1998 - 1999
MD	Medical College of Pennsylvania, Philadelphia	1994 - 1998
Pre-med	University of Pennsylvania, Philadelphia Premedical courses Spring Garden College, Philadelphia Premedical courses	1993-1994 1991-1992

Undergraduate

BA	Hampshire College, Amherst MA University of Pennsylvania, Philadelphia PA University of Massachusetts, Amherst MA	1987-1990 Summer 1990 1988
Secondary	Cheltenham Public High School, Wyncote PA	1983-1987

BOARD CERTIFICATION

American Board of Ophthalmology Board Certified (Written and Oral Exams)

WORK EXPERIENCE

<u>Associate Clinical Professor</u> , Department of Ophthalmology, University of California, San Diego CA Faculty position at major medical clinical and research institution specializing in Pediatric Ophthalmology and Adult Strabismus. Sole physician providing retinopathy of prematurity screening for university hospitals and NICU consult coverage. Sole pediatric ophthalmologist providing consults in Craniofacial syndrome clinic at the Children's Hospital of San Diego.	July 2011-current
<u>Mentor</u> , Motility, Inc.	June 2011-2012
<u>Consultant</u> , Allergan, Inc., Irvine, CA	May 2011-current
<u>Educator</u> , Child Health and Disability Prevention Program, US Department of Health and Human Services	2006 - current
<u>Assistant Clinical Professor</u> , Department of Ophthalmology, University of California, San Diego CA Faculty position at major medical clinical and research institution specializing in Pediatric Ophthalmology and Adult Strabismus. Sole physician providing retinopathy of prematurity screening for university hospitals and NICU consult coverage. Sole pediatric ophthalmologist providing consults in Craniofacial syndrome clinic at the Children's Hospital of San Diego.	July 2004-June 2011

<u>Pediatric Ophthalmologist and Strabismus Consultant</u> , Naval Medical Center San Diego Civilian contracted physician providing pediatric ophthalmology and strabismus care to active duty Navy personnel and their families.	August 2004 - November 2004
<u>Associate Physician</u> , Department of Ophthalmology, University of California, San Diego CA Faculty position at major medical clinical and research institution specializing in Pediatric Ophthalmology and Adult Strabismus. Sole physician providing retinopathy of prematurity screening for university hospitals. Sole pediatric ophthalmologist providing consults in Craniofacial syndrome clinic at the Children's Hospital of San Diego.	August 2003- June 2004
<u>Pediatric Ophthalmology Consultant</u> , UCSD sponsored Eye Mobile Vision Screening Program to Low Income Pre-Schoolers in the San Diego County	Aug 2003-current
<u>Pediatric Ophthalmology/Adult Strabismus Fellow</u> , UCSD/Naval Medical Center San Diego, CA	July 2002- July 2003
<u>Chief Ophthalmology Resident</u> , Hahnemann University Hospital, Philadelphia, PA	July-Nov 2002
<u>Ophthalmology Resident</u> , (PGY-2 through 4) Hahnemann University Hospital Philadelphia, PA	1999 - June 2002
<u>Transitional Intern</u> , (PGY-1) University of Pennsylvania Health Systems, Presbyterian Hospital, Transitional Year Program, Philadelphia PA	1998 - 1999
<u>Research Technician II</u> , Wistar Institute, Philadelphia PA Performed molecular biology experimentation to isolate/characterize new microsatellite and restriction fragment length polymorphism markers on csme 9. Participated in loss of heterozygosity studies of transitional cell carcinoma patients. Technical proficiency included subcloning into cosmid constructs, DNA hybridization, polymerase chain reaction (PCR), DNA sequencing, DNA isolation from peripheral blood lymphocytes and human tumor tissue.	1992 - 1994
<u>Research Technician I</u> , Wistar Institute, Philadelphia PA Performed molecular biology experiments to screen, clone, isolate/characterize the GA733-2 gene, a carcinoma-associated antigen gene. Verified the integrity of GA733-2 transfectants in animal cell lines to be used in animal therapeutic trials. Theorized the approximate age of the GA733-2 gene family through Southern blot assay for the presence of homologous sequences in other species. Technical proficiency included library screening, subcloning into bacteriophage, colony hybridization, southern blot, DNA isolation from cell lines, plaques and bacterial colonies, pulsed field gel electrophoresis.	1991 - 1992
<u>Infant Maternal Health Field Researcher</u> , Ughelli Urban Health Clinic, Nigeria Designed and performed a study on the relationship between infant nutritional status and socioeconomic position using anthropometric and interview methods.	Feb - Apr 1990
<u>Teaching Assistant</u> , Hampshire College, Amherst, MA Course: Health Issues in the Third World	Fall 1990
Course: Natural History of Infectious Diseases	Fall 1988
<u>Clinic Assistant</u> , Physical Medicine and Rehabilitation Department, Hospital of the University of Pennsylvania, Philadelphia PA Disability Evaluation Clinic Acupuncture Pain Clinic	Summer 1989

PEER REVIEWED PUBLICATIONS

- Bosworth R, **Robbins SL**, Granet DB, Dobkins K. Delayed Luminance and Chromatic Contrast Sensitivity in Infants with Retinopathy of Prematurity Documenta Ophthalmologica [accepted]
- Rao AA, Naheedy JH, Chen JYY, **Robbins SL** and Ramkumar HL. A Clinical Update and Radiologic Review of Pediatric Orbital and Ocular Tumors. Journal of Oncology. Epub 2013 Mar 12. American Academy of Pediatrics. Challenging Cases in Pediatric Ophthalmology. Granet D, **Robbins SL**, Baber L, eds. Elk Grove Village, IL: American Academy of Pediatrics. 2012

- Wallace DK, Lazar EL, Melia M, et al. on behalf of the Pediatric Eye Disease Investigator Group. Stereoacuity in children with anisometropic amblyopia. *J AAPOS* 2011;15(5):455-61.
- Holmes JM, Lazar EL, Melia BM, et al. on behalf of the Pediatric Eye Disease Investigator Group. Effect of Age on Response to Amblyopia Treatment in Children. *J AAPOS* 2011; 129 (11):1451-1457.
- Pediatric Eye Disease Investigator Group. Central corneal thickness in children. *Arch Ophthalmol.* 2011;129(9):1132-8.
- Repka M, Simons K, Kraker R; Pediatric Eye Disease Investigator Group. Laterality of amblyopia. *Am J Ophthalmol.* 2010 Aug;150(2):270-4.
- Brumm K, Walenski M, Haist F, **Robbins SL**, Granet DB, Love T. Functional magnetic resonance imaging of a child with Alice in Wonderland syndrome during an episode of micropsia. *J AAPOS.* 2010; Jul 2. (Epub ahead of print, July 2, 2010).
- Robbins SL**, Granet DB, Burns C, Freeman R, Eustis HS, Yafai S, Cruz FS and Danylyshyn-Adams K. Delayed Adjustable Sutures: A Multi-centered Clinical Review. *British Journal of Ophthalmology* [epub ahead of print, June 24, 2010].
- Robbins SL**, Kozak I. New Retinal Findings in Cherubism. *Retinal Cases and Brief Reports*, 2010; 4(2): 146-149.
- CITT Research Collaborative. Validity of the Convergence Insufficiency Symptom Survey: A Confirmatory Study. *Optometry and Vision Science* 2009; Vol 86, Issue 4: 357-363
- Acera EC, **Robbins SL**, Granet DB. Evaluation and Treatment of Decompensated Childhood Strabismus in Adults. *American Orthoptic Journal.* 2008; 58: 27–30.
- Kozak I, **Robbins SL** and Freeman WR. Bilateral Papillitis Associated With Bilateral Anterior Uveitis in a Child. *J Pediatr Ophthalmol Strabismus.* 2007; 44: 374-376.
- Hirsch JD, Morello C, **Robbins SL**, and Singh R. Pharmacoeconomics of New Medications for Common Chronic Ophthalmic Diseases. *Survey of Ophthalmology.* 2007; 52: 618 – 633.
- Pediatric Eye Disease Investigator Group. Treatment of strabismic amblyopia with refractive correction. *Am J Ophthalmol* 2007;143(6):1060-3
- Pediatric Eye Disease Investigator Group. Treatment of Anisometropic Amblyopia in Children with Refractive Correction. *Ophthalmology*, 2006; 113 (6): 895 – 903.
- Pediatric Eye Disease Investigator Group. A Randomized Trial to Evaluate 2 Hours of Daily Patching for Strabismic and Anisometropic Amblyopia in Children. *Ophthalmology*, 2006; 113 (6): 904 – 912.
- Robbins SL**, Christian W, Hertle R and Granet DB. editor, Sample. 'Vision Testing in Children' In: *Ophthalmology Clinics of North America* 2003. 253-267.
- Kimmel BS, Miniou P, **Robbins S**, Malkowicz B, and Linnenbach AJ. Three New Dinucleotide Repeat Polymorphisms on Human Chromosome 9: D9S970, D9S971 and D9S972. *Human Genetics*, 1995 Aug; 96 (2): 237-238.
- Linnenbach AJ, **Robbins S**, Seng B, Tomaszewski J, Pressler L and Malkowicz B. Urothelial Carcinogenesis. *Nature*, 1994 Feb 3; 367 (6462): 419-420.
- Linnenbach AJ, Seng B, Wu S, **Robbins S**, Scollon M, Pyrc J, Druck T and Huebner K. Retroposition in a Family of Carcinoma-Associated Antigen Genes. *Molecular and Cellular Biology*, 1993 March; 13 (3):1507-1515.

BOOK CHAPTERS

- Narvaez J, **Robbins SL**, 'Aniridia' In: *Challenging Cases in Pediatric Ophthalmology.* American Academy of Pediatrics. Granet D, Baber L, eds. Elk Grove Village, IL. 2012. 223-228.
- Robbins SL**, 'Infantile Esotropia' In: *Challenging Cases in Pediatric Ophthalmology.* American Academy of Pediatrics. Granet D, Baber L, eds. Elk Grove Village, IL. 2012. 379-384.
- Korn BS, Kikkawa DO, **Robbins SL**, 'Nasolacrimal Duct Obstruction' In: *Challenging Cases in Pediatric Ophthalmology.* American Academy of Pediatrics. Granet D, Baber L, eds. Elk Grove Village, IL. 2012. 85-91.
- Mills J, **Robbins SL**, 'Pediatric Blepharconjunctivitis' In: *Challenging Cases in Pediatric Ophthalmology.* American Academy of Pediatrics. Granet D, Baber L, Robbins eds. Elk Grove Village, IL. 2012. 33-37.

- Trumler A, **Robbins SL**, Camras CB. 'Pediatric Glaucoma' In: Challenging Cases in Pediatric Ophthalmology. American Academy of Pediatrics. Granet D, Baber L, Robbins SL eds. Elk Grove Village, IL. 2012. 93-100.
- Baber L, **Robbins SL**, 'Neonatal Conjunctivitis' In: Challenging Cases in Pediatric Ophthalmology. American Academy of Pediatrics. Granet D, Baber L, Robbins SL eds. Elk Grove Village, IL. 2012. 3-7.
- Baber L, **Robbins SL**, 'Adenoviral Conjunctivitis' In: Challenging Cases in Pediatric Ophthalmology. American Academy of Pediatrics. Granet D, Baber L, Robbins SL eds. Elk Grove Village, IL. 2012. 9-13.
- Siegel L, **Robbins SL**, 'Retinopathy of Prematurity' In: Challenging Cases in Pediatric Ophthalmology. American Academy of Pediatrics. Granet D, Baber L, Robbins SL eds. Elk Grove Village, IL. 2012. 267-274.
- Roa AM, **Robbins SL**, 'Pseudoesotropia' In: Challenging Cases in Pediatric Ophthalmology. American Academy of Pediatrics. Granet D, Baber L, Robbins SL eds. Elk Grove Village, IL. 2012. 375-378.
- Roa AM, Granet DB, **Robbins SL**, 'Intermittent Exotropia' In: Challenging Cases in Pediatric Ophthalmology. American Academy of Pediatrics. Granet D, Baber L, Robbins SL eds. Elk Grove Village, IL. 2012. 391-396.
- Roa AM, **Robbins SL**, 'Third Cranial Nerve Palsy' In: Challenging Cases in Pediatric Ophthalmology. American Academy of Pediatrics. Granet D, Baber L, Robbins SL eds. Elk Grove Village, IL. 2012. 397-402.
- Roa AM, **Robbins SL**, 'Congenital Fourth Cranial Nerve Palsy' In: Challenging Cases in Pediatric Ophthalmology. American Academy of Pediatrics. Granet D, Baber L, Robbins SL eds. Elk Grove Village, IL. 2012. 403-408.
- Khayali S, **Robbins SL**, Korn BS, Kikkawa DO, 'Facioauriculovertebral Spectrum' In: Challenging Cases in Pediatric Ophthalmology. American Academy of Pediatrics. Granet D, Baber L, Robbins SL eds. Elk Grove Village, IL. 2012. 473-481.
- Gomi CF, **Robbins SL**, Heichel C and Granet DB, 'Conjunctiva' In: Harley's Pediatric Ophthalmology. 5th ed. 2004. 201-216.
- Robbins SL**, Christian W, Hertle R and Granet DB. editor, Sample. 'Vision Testing in Children' In: Ophthalmology Clinics of North America 2003. 253-267.

PUBLICATIONS FOR INTERNET

- Gore C, **Robbins SL**. Capillary Hemangioma: Eye Wiki informational Page by the American Academy of Ophthalmology [internet]. Dec 2012. http://eyewiki.aao.org/Capillary_Hemangioma
- El Sahn, M, **Robbins SL**. Infantile Esotropia: Eye Wiki informational Page by the American Academy of Ophthalmology [internet]. 2010. http://eyewiki.aao.org/Infantile_Esotropia
- Trumler AA, **Robbins SL**. Horizontal Strabismus: Eye Wiki informational Page by the American Academy of Ophthalmology [internet]. 2010. http://eyewiki.aao.org/Horizontal_Strabismus_Surgery

PUBLICATIONS IN MEETING PROCEEDINGS

- SL Robbins** WK Christian EF Castro and DB Granet. Clinical results of inferior oblique marginal or Z Myotomy. Transactions of the 28th European Strabismological Association meeting. Bergen Norway 2003. edited Jan-Tjeerd de Faber ISBN 90 265 1965 6. 227-229.

TEXTBOOK EDITOR

- American Academy of Pediatrics. Challenging Cases in Pediatric Ophthalmology. Granet D, **Robbins SL**, Baber L eds. Elk Grove Village, IL: American Academy of Pediatrics. [Press 2012]

JOURNAL SECTION EDITOR

- Current Ophthalmology Reports, Section of Pediatric Ophthalmology and Strabismus, 1st Peds Issue expected Fall 2013.

CONFERENCE PAPERS

- Breidenstein BG, **Robbins SL**, Granet DB. Comparison of the Efficacy of Medial Rectus Recession and Lateral Rectus Resection for Treatment of Divergence Insufficiency. Shiley Research Day, 2013.
- Robbins SL**, Methods of Examining the “Difficult” Child, Ophthalmology Update Conference, La Jolla, CA, February 2013
- Functional MRI in Ophthalmology, 2nd World Congress of Paediatric Ophthalmology, Milan, Italy, September 2012
- Robbins SL**. Revolution or Evolution? Adult Care for Children: Update on Retinopathy of Prematurity, Ophthalmology Update Conference, San Diego CA, 2012..
- Robbins SL**. Evaluation of the Non-Seeing Infant. American Academy of Ophthalmology Annual Meeting– Pediatric Ophthalmology Subspecialty Day, Orlando FL, 2011.
- El-Sahn M, Mills J, **Robbins SL**, Granet DB. Strabismus Over the Age of 60, Shiley Eye Center 8th Annual Residents, Fellows and Alumni Meeting, University of California, San Diego CA, 2011.
- Robbins SL**, Askari N. Complementary and Alternative Medicine Interest and Usage at the Ratner Children’s Eye Center Population, Shiley Eye Center 8th Annual Residents, Fellows and Alumni Meeting, University of California, San Diego, 2011.
- Trumler, A, Granet DB and **Robbins SL**. Central Tenotomy for Small Deviations – a Retrospective Chart Review. Shiley Eye center 7th Annual Residents, Fellows and Alumni Meeting, San Diego CA, 2010.
- Robbins SL**, Kozak I. New Retinal Findings in Cherubism. Shiley Eye Center 6th Annual Residents, Fellows and Alumni Meeting, San Diego CA, 2009.
- Bosworth R, **Robbins SL**, Dobkins K and Hung D. Luminance and Chromatic Contrast Sensitivity in Healthy Preterm Infants and Infants with Mild Retinopathy of Prematurity. Shiley Eye Center 6th Annual Residents, Fellows and Alumni Meeting, San Diego CA, 2009.
- Robbins SL**, Kozak I. New Retinal Findings in Cherubism. Atlantic Coast Retina Club Meeting and Macula 2009. New York City. January 2009. [presented by K. Bailey Freund].
- Chukoskie L, **Robbins SL**. Eye Movement Search Patterns in Older Amblyopes. Shiley Eye Center 4th Annual Residents, Fellows and Alumni Meeting, San Diego CA, June 2007.
- Robbins SL**, Burns C, Granet DB, Freeman R, Eustis HS, Yafai S, Cruz FS, Danylyshyn-Adams K and Langman K. All About Options: The Delayed Adjustable Suture National Experience. Shiley Eye Center 2nd Annual Residents, Fellows and Alumni Meeting, San Diego CA, June 2005.
- Robbins SL**, Burns C, Granet DB, Freeman R, Eustis HS, Yafai S, Cruz FS, Danylyshyn-Adams K and Langman K. All About Options: The Delayed Adjustable Suture National Experience. American Association of Pediatric Ophthalmology and Strabismus Annual Meeting, Orlando FL, March 2005.
- Robbins SL**, Christian W, Castro EK and Granet DB. Clinical Results of Marginal or Z Myotomy of the Inferior Oblique. Proceedings of the European Strabismus Association Annual Meeting, Bergen, Norway. June 2003.

CONFERENCE POSTERS

- Breidenstein BG, **Robbins SL**, Granet DB. Comparison of the Efficacy of Medial Rectus Recession and Lateral Rectus Resection for Treatment of Divergence Insufficiency. American Association of Pediatric Ophthalmology and Strabismus Annual Meeting, Boston MA, 2013.
- Patil PA, El Sahn M, Khayali S, **Robbins SL**, Granet DB. A Modification of the augmented Hummelsheim procedure for treatment of paralytic strabismus in sixth nerve palsy, the “California Hummelsheim”. American Association of Pediatric Ophthalmology and Strabismus Annual Meeting, San Antonio, Texas, 2012.
- Bosworth RG, **Robbins SL**, Chao D, Dobkins KR. Luminance and Chromatic (Red-Green) Contrast Sensitivity for Temporally Modulated Gratings in Preterm Infants and Infants with Mild/Moderate Retinopathy of Prematurity. The Association for Research in Vision and Ophthalmology Annual Meeting, Florida, 2009.
- Bosworth RG, Hinga B, **Robbins SL**, and Dobkins KR. Longitudinal Study of Chromatic and Luminance Contrast Sensitivity in Full-term and Pre-term Infants. Vision Sciences Society, Sarasota Florida, 2006.

- Cruz FC, **Robbins SL**, Castro EF, and Granet DB. Filling in the gap: How to help small hypertropias. American Association of Pediatric Ophthalmology and Strabismus Annual Meeting, Colorado, March, 2006.
- Roch-Levecq AC, Brody BL, Brown SI, Klonoff-Cohen HS, Raman R, Trauner DA, Ballantyne AO, Granet DB, and **Robbins SL**. Impact of refractive errors on learning potential of low-income preschoolers. The Association for Research in Vision and Ophthalmology Annual Meeting, Florida, 2004.
- Granet DB, Castro EK, and **Robbins SL**. Normal Horizontal Fusional Amplitudes in Children. American Association of Pediatric Ophthalmology and Strabismus Annual Meeting, Hawaii, March, 2003.

CONFERENCE WORKSHOPS

- Pediatric Cataract Surgery – Management Strategies for the Intra- and Post-Operative Complications, Ken Nischal, Chris Lloyd and Shira Robbins. American Association of Pediatric Ophthalmology & Strabismus, Annual Meeting 2009, San Francisco CA
- New Diagnostic Tests in Ophthalmology: Don't Let your Residents Know More Than You, American Association of Pediatric Ophthalmology & Strabismus, Annual Meeting 2004, Washington, D.C.
*Director and speaker

AREAS OF RESEARCH

- Retinopathy of Prematurity Education to Families of Neonates – site Principal Investigator
- Amblyopia treatment – Principal Investigator in Pediatric Eye Disease Investigator Group
several studies including amblyopia, nasolacrimal duct and central corneal thickness trials
- Adjustable suture techniques in strabismus surgery – Principal Investigator and Coordinator of a multi-centered trial
- Convergence Insufficiency Treatments – Co-Principal Investigator Convergence Insufficiency Trial
- Visual function in preterm infants – Co Investigator of prospective trial
- Visual function in preterm infants with regressed retinopathy of prematurity – Principal Investigator
- Vision screening of pre-schoolers in the San Diego community – Consultant

RESEARCH PAPER PRESENTATION

- Breaking bad news in ophthalmology: A survey of residents, fellows and faculty at the Ohio State Havener Eye Institute. Sarah Hilkert, MD, MPH, Shira L Robbins, MD, Shelly Jain, MD, Paul Weber, MD. Ohio State Ophthalmology Research Day, June 2013.

GRANTS

- Recipient: Loan Repayment Program Grant for Clinical Research, based on the relevance and potential of ongoing clinical research (2005 – 2011), supported by NIH
- Principal Investigator: Central Corneal Thickness Study, part of Pediatric Eye Disease Investigator Group, supported by NIH
- Principal Investigator: Amblyopia Treatment Trial 7, part of Pediatric Eye Disease Investigator Group, supported by NIH
- Co-Investigator: Investigation of the Effects of Visual Experience Upon Visual Sensitivity, supported by NIH
- Principal Investigator: Visual function in preterm infants with regressed retinopathy of prematurity, supported by UCSD Academic Senate

AWARDS AND HONORS

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|---|---------------|
| Elected by peers for inclusion in Best Doctors in America ® | 2011 - 2012 |
| National Center of Leadership in Academic Medicine Program (NCLAM) | Feb-Sept 2005 |
| This competitive program is sponsored by the U. S. Department of Health and Human Services and aims to enhance the careers of junior academic faculty. UCSD is one of four National Centers of Leadership in Academic Medicine. | |

Chief Resident, Department of Ophthalmology, Hahnemann University Hospital July - Oct 2001

Academic

Clerkships Ophthalmology, Otolaryngology, 1997 - 1998
Neurology, Endocrinology, Rheumatology, Infectious Diseases
Medicine, Surgery, Psychiatry - clinical honors 1996 - 1997
Family Medicine,
Pre-clinical Community and Preventative Medicine 1996

SCHOLARSHIPS

Barbara Epstein Award for creativity in a medical student. 1998
Joseph Collins Scholarship for medical students 1995, 1996
in the performing arts. 1997
MacArthur Foundation Award for Third World Studies. 1990

VOLUNTEER MEDICAL EXPERIENCE

Staff Pediatric Ophthalmologist, Fresh Start Charitable Medical Organization 2003- current
Encinitas, California. Provide surgical care to international children with
craniofacial anomalies.
Craniofacial Team Member, Children's Hospital of San Diego 2002 - current
Multi-disciplinary medical team for children born with craniofacial disorders
Staff Pediatric Ophthalmologist, Tijuana General Hospital, Mexico March 2004
Medical & Surgical Childhood Strabismus Care June 2008

PUBLICATION REVIEWER

RETINA, The Journal of Retinal and Vitreous Diseases 2012
Journal of the American Association for Pediatric Ophthalmology and Strabismus 2005, 2008, 2011
Pediatric Dermatology 2008
Archives of Ophthalmology 2006, 2010

COMMITTEE MEMBER

Pediatric Glaucoma Consensus Group, member of World Glaucoma Association 2013 - current
Eye Wiki founding member Pediatric Ophthalmology/Strabismus Section joint venture 2010 - current
of the American Academy of Ophthalmology and American Association of
Pediatric Ophthalmology and Strabismus
Core Curriculum Committee, Clinical Years UCSD School of Medicine 2008-2009
Fellowship Training Compliance Committee, American Association of Pediatric 2009 - current
Ophthalmology and Strabismus
Residency Selection Committee, UCSD Dept of Ophthalmology 2004 - current
Residency Steering Committee, UCSD Dept of Ophthalmology 2004 - current

LECTURES GIVEN

How to Read a Strabismus Montage, Parts 1,2,3 May 2013
Ophthalmology residents, University of California San Diego
Pediatric Ophthalmology and Strabismus, OKAP Review Session, March 2013
Ophthalmology residents, University of California, San Diego
Children's Eyes: Developmental and Disease States, California Association November 2012
Of Orientation and Mobility Specialists Statewide Conference, San Diego
Retinopathy of Prematurity, Ophthalmology residents July 2012
University of California, San Diego
Basic Science Course Series: Nystagmus, Tumor, Phakomatoses, Craniofacial, April 2012
Metabolism, Trauma, Decreased Vision, Ophthalmology Residents,
University of California, San Diego

Basic Science Course Series: Growth/Development, Orbital and Eyelid Disorders, Infectious/Allergic Disease, Lacrimal Drainage System, Cornea/Anterior Segment/Iris Abnormalities, Pediatric Glaucoma Ophthalmology residents, University of California, San Diego	March 2012
Vision Screening in Young Children, Child Health and Disability Prevention Program, Pediatricians/Optometrists/Nurses/Medical Assistants	November 2011
Retinopathy of Prematurity-Current Understanding and Treatments, Southern California Association of Neonatal Nurses, San Diego, CA	November 2011
Retinopathy of Prematurity, Ophthalmology residents University of California, San Diego	July 2011
Botulinum Treatment for Strabismus, physicians and scientists, Allergan, Inc., Irvine, CA	May 2011
Pediatric Ophthalmology OKAP review, University of California, San Diego	March 2011
Pediatric Ophthalmology Board Review, Ophthalmology residents and fellows, University of California, San Diego	March 2011
Clinical Skills of Examining Eye Movements, Medical students University of California, San Diego	February 2011
Vision Screening in Young Children, Child Health and Disability Prevention Program, Pediatricians/Optometrists/Nurses/Medical Assistants	November 2010
Retinopathy of Prematurity, Ophthalmology residents, University of California, San Diego	July 2010
Diagnosis and Treatment in Pediatric Ophthalmology, Braille Institute, San Diego CA	April 2010
The Eyes of a Newborn, Pediatrics residents, fellows and attendings, University of California, San Diego	January 2010
Pediatric Glaucoma, Ophthalmology residents and fellows University of California, San Diego	December 2009
Pediatric Ophthalmology Strabismus Grand Rounds, Ophthalmology residents and fellows, University of California, San Diego	November 2009
Retinopathy of Prematurity, Ophthalmology residents and fellows University of California, San Diego	November 2009
Pediatric Cataracts, Ophthalmology residents and fellows, University of California, San Diego	November 2009
Vision Screening in Young Children, Child Health and Disability Prevention Program, Pediatricians / Optometrists / Nurses / Medical Assistants	October 2009
Pediatric Ophthalmology: Diagnosis, Medical and Surgical Treatment, American Society of Ophthalmic Registered Nurses, San Francisco CA	October 2009
Pediatric Ophthalmology Research, Ophthalmology residents, University of California, San Diego	July 2009
Retinopathy of Prematurity, Ophthalmology residents, University of California, San Diego	July 2009
Pediatric Grand Rounds Challenging Cases, Ophthalmology residents and fellows, University of California, San Diego	May 2009
Update on Childhood Eye Diseases and Genetics Research, Braille Institute, San Diego CA	April 2009
Pediatric Ophthalmology Board Review, Ophthalmology residents and fellows, University of California, San Diego	March 2009
Pediatric Ophthalmology for the Pediatrician, Pediatrics residents, University of California, San Diego	January 2009
Vision Screening in Young Children, Child Health and Disability Prevention Program, Pediatricians / Optometrists / Nurses / Medical Assistants	December 2008
Clinical Skills of Examining the Eyelids and Orbit, Medical students University of California, San Diego	October 2008
* (Ophthalmology Clinical Skills course co-director)	

Through the Eyes of a Child, UCSD/ Shiley Eye Center Operating Room Lecture Series University of California, San Diego	Sept 2008
Through the Eyes of a Child, UCSD/ Shiley Eye Center Monthly Staff Lecture University of California, San Diego	July 2008
Update on Childhood Eye Diseases and Genetics Research, Braille Institute, San Diego CA	April 2008
Pediatric Ophthalmology Update, California Academy of Eye Physicians & Surgeons Annual Meeting, Costa Mesa CA	March 2008
Pediatric Ophthalmology Board Review, Ophthalmology residents and fellows, University of California, San Diego	March 2008
The Importance of Vision Screening, California School Nurses Organization Annual Meeting, San Diego	January 2008
Pediatric Ophthalmology for the Pediatrician, Pediatrics residents, University of California, San Diego	January 2008
Pediatric Cataracts, Pediatric Ophthalmology Lecture Series for ophthalmology residents, University of California, San Diego	January 2008
Vision Screening in Young Children, Child Health and Disability Prevention Program, Pediatricians / Optometrists / Nurses / Medical Assistants	December 2007
Childhood Strabismus, Shiley Eye Center Conference for Primary Care Physicians University of California, San Diego	October 2007
Genetic Syndromes with Ocular Manifestations, Pediatrics residents/ fellows/medical students, University of California, San Diego	June 2007
Eye Movement Search Patterns in Older Amblyopes, Shiley Eye Center 4th Annual Residents, Fellows and Alumni Meeting, University of California, San Diego CA	June 2007
Update in Pediatric Ophthalmology, Scripps Mercy Hospital, San Diego	April 2007
Vision and Hearing, Braille Institute, La Jolla CA	April 2007
Management of Diplopia, Ocular Drug & Surgical Therapy Update, Annual Mtg Dana Point, CA	February 2007
Vision Screening in Young Children, Family Medicine residents and fellows, University of California, San Diego	November 2006
Vision Screening in Young Children, Child Health and Disability Prevention Program, Pediatricians / Optometrists / Nurses / Medical Assistants	October 2006
Retinopathy of Prematurity Update, Nurses and Occupational Therapists NICU Developmental Team Education Retreat, University of California, San Diego	May 2006
Pediatric Ophthalmology Review, Ophthalmology residents and fellows, University of California, San Diego	March 2006
Vision Problems in the Hearing Challenged Community, Educators Of the Visually & Hearing Impaired, San Diego	March 2006
Pediatric Cataracts and Glaucoma, Ophthalmology residents and fellows, University of California, San Diego	March 2006
Basics of Pediatric Ophthalmology, Department of Pediatrics NICU Pediatric Fellows, residents and medical students, University of California, San Diego	January 2006
Top 10 Pediatric Eye Problems You Can't Miss Family Medicine Grand Rounds, University of California, San Diego	January 2005
Basics of Pediatric Ophthalmology, Department of Pediatrics NICU Pediatric Fellows, residents and medical students, University of California, San Diego	September 2004
Strabismus Surgery Lecture and Wet Lab, Ophthalmology residents and fellows, University of California, San Diego	August 2004
Strabismus Surgery, Ophthalmology Pre-Residency Training University of California, San Diego	July 2004

Retinopathy of Prematurity Update, Department of Pediatrics NICU Attending & Fellow Rounds, University of California, San Diego	June 2004
Pediatric Ocular Trauma, El Camino Pediatrics, Encinitas, California	February 2004
Pediatric Glaucoma, Pediatric Ophthalmology Lecture Series for ophthalmology residents, University of California, San Diego	February 2004
Phakomatoses, Pediatric Ophthalmology Grand Rounds University of California, San Diego	February 2004
Pediatric Ophthalmology, Shiley Eye Center Monthly Staff Lecture University of California, San Diego	October 2003
Pediatric Journal Club for Ophthalmology Residents, University of California, San Diego	April 2003
Aniridia Update, Ophthalmology Grand Rounds, West Virginia University	February 2003
Aniridia Update, Ophthalmology Grand Rounds, Aniridia Update, Vanderbilt University	February 2003
Genetic Association of Aniridia and Other Anterior Segment Abnormalities, Ophthalmology Grand Rounds, University of California San Diego	November 2002
Amblyopia: Physiologic Basis, Diagnosis and Management, Pediatric Ophthalmology Grand Rounds, University of California, San Diego	October 2002

WETLAB SURGICAL INSTRUCTOR

Pediatric Capsulorhexis, 2 nd World Congress of Paediatric Ophthalmology and Strabismus- Milan, Italy	September 2012
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CONFERENCES ATTENDED

Shiley Eye Center Research Day University of California, San Diego	May 2013
Ophthalmology Update 2013 La Jolla, CA	February 2013
2 nd World Congress of Paediatric Ophthalmology and Strabismus- Milan, Italy	September 2012
American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, San Antonio, TX	March 2012
Ophthalmology Update Conference, San Diego, CA	February 2012
Southern California Association of Neonatal Nurses Annual Meeting, San Diego CA	November 2011
American Academy of Ophthalmology Annual Meeting, Orlando, FL	October 2011
Shiley Eye Center 8th Annual Residents, Fellows and Alumni Meeting University of California, San Diego CA	June 2011
American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, San Diego, CA	March 2011
American Academy of Ophthalmology Annual Meeting, Chicago, IL	October 2010
Shiley Eye Center 7th Annual Residents, Fellows and Alumni Meeting University of California, San Diego CA	June 2010
American Academy of Ophthalmology Annual Meeting, San Francisco CA	October 2009
Shiley Eye Center 6th Annual Residents, Fellows and Alumni Meeting University of California, San Diego CA	June 2009
American Association of Pediatric Ophthalmology & Strabismus Annual Meeting, Washington D.C.	April 2008
California Association of Eye Physicians & Surgeons Annual Meeting, Costa Mesa CA	March 2008
California School Nurses Organization, San Diego CA	January 2008
Shiley Eye Center Conference for Primary Care Physicians University of California, San Diego	October 2007
Shiley Eye Center 4th Annual Residents, Fellows and Alumni Meeting University of California, San Diego CA	June 2007

American Association of Pediatric Ophthalmology & Strabismus Annual Meeting, Seattle, WA	March 2007
Management of Diplopia, Ocular Drug & Surgical Therapy Update, Annual Mtg Dana Point, CA	February 2007
American Academy of Ophthalmology Annual Meeting, Las Vegas, NV	October 2006
Shiley Eye Center 3rd Annual Residents, Fellows and Alumni Meeting University of California, San Diego CA	June 2006
Pearls of Ocular Therapy Annual Meeting, Scripps Clinic, La Jolla CA	June 2006
American Association of Pediatric Ophthalmology & Strabismus Annual Meeting, Keystone, CO.	March 2006
Shiley Eye Center 2 nd Annual Residents, Fellows and Alumni Meeting University of California, San Diego CA	June 2005
American Association of Pediatric Ophthalmology & Strabismus Annual Meeting, Orlando, FL	March 2005
American Academy of Ophthalmology Annual Meeting, New Orleans, Louisiana	October 2004
Shiley Eye Center 1 st Annual Resident, Fellow and Alumni Research Day University of California, San Diego CA	June 2004
American Association of Pediatric Ophthalmology & Strabismus Annual Meeting, Washington, DC	March 2004
American Academy of Ophthalmology Annual Meeting, Anaheim, CA	October 2003
European Strabismological Association Annual Meeting, Bergen, Norway	June 2003
American Association of Pediatric Ophthalmology & Strabismus Annual Meeting, Hawaii	March 2003
American Society of Cataract and Refractive Surgeons Annual Meeting, Philadelphia, PA	June 2002
Fugo Blade Certification, Technical Training Course	June 2002
Wills Eye Hospital 54 th Annual Conference, Philadelphia	March 2002
Corneal Dystrophies Conference, Wills Eye Hospital, Philadelphia	April 2002
Vitreo-Retinal Treatment Conference, Wills Eye Hospital, Philadelphia	March 2002
Orbital Update, Wills Eye Hospital, Philadelphia	February 2002
Pediatric Ophthalmology Conference, Wills Eye Hospital, Philadelphia	January 2002
Complicated Cataract Cases Conference, Philadelphia	January 2002
American Academy of Ophthalmology Meeting, New Orleans	November 2001
Wills Eye Hospital 53 rd Annual Conference, Philadelphia	March 2001
Association of Medical Professionals with Hearing Losses	June 2001
Management of Wills Eye Macular Degeneration Meeting, Philadelphia	2000
Wills Eye Hospital 52nd Annual Conference, Philadelphia	2000
Scheie Conference Neuro-Ophthalmology, Philadelphia	1999
Atlantic Coast Retina Club Meeting, Philadelphia	1999

CONFERENCE CHAIRMAN

World Congress of Paediatric Ophthalmology and Strabismus, Co-Chair Imaging Technology Update, Milan Italy	September 2012
Pediatric Ophthalmology at the Zoo (Co-Chair entire conference), San Diego CA	March 2011

EDUCATIONAL DIRECTOR FOR PEDIATRIC OPHTHALMOLOGY AND STRABISMUS

Resident Didactic Sessions (5 sessions)	May-June 2013
Resident Case Series/Specialty Conferences- ROP, Arthritic Uveitis	April 2013
Resident Case Series/Specialty Conferences - Strabismus	February 2013

Resident Case Series/Specialty Conferences -Ophthlmlia neonatorum, nystagmus Craniofacial syndromes	November 2012
Resident Case Series Specialty Conferences -Strabismus	April 2012
Resident Case Series/Specialty Conferences - Blind infant	February 2012
Basic Core Science Course Review for Residents (5 sessions)	Sept-Oct 2012
Basic Core Science Course Review for Residents (5 sessions)	March - April 2012

DEPARTMENTAL REPRESENTATIVE TO INTERNATIONAL PHYSICIANS

Irani Delegation, presentation on unique clinical and research in Pediatric Ophthalmology, University of California, San Diego	May 2012
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SOCIETY MEMBERSHIPS

Women in Ophthalmology	2013 - current
World Society of Paediatric Ophthalmology & Strabismus	2012 - current
American Academy of Pediatrics, Fellow	2011 - current
San Diego Medical Society	2004 - current
American Association of Pediatric Ophthalmology & Strabismus, Fellow	2003 – current
San Diego County Ophthalmology Society	2003 – current
American Academy of Ophthalmology, Fellow	1999 – current

PERSONAL INTERESTS

Married with 2 daughters	
Member of Ujima modern dance company, Philadelphia PA	1996
Fitness, Dancing (ballet, jazz, modern, Afro-Cuban), Yoga, Hiking, Tennis	

TRAVELS

Canada, England, France, Germany, Holland, Israel, Italy, Jamaica, Japan, Mexico,
Nigeria, Norway, Switzerland, United States