

**Stacy L. Pineles, M.D.**  
**Curriculum Vitae**

*Business Address:* 100 Stein Plaza, Los Angeles CA 90095  
*Business Telephone:* 310-267-1007

Education:

B.S.E. (Bachelor of Science in Engineering), Duke University, 2000  
M.D., University of Pennsylvania School of Medicine, 2004  
Internship, Harbor UCLA Medical Center, Transitional Year, 2005  
Residency, Jules Stein Eye Institute, UCLA, Ophthalmology 2008  
Fellowship, Jules Stein Eye Institute, UCLA, Pediatric Ophthalmology, 2009  
Fellowship, University of Pennsylvania and Children's Hospital of Philadelphia,  
Neuro-Ophthalmology, 2010  
M.S. (Masters Degree in Clinical Investigation), UCLA K30 program, 2013

Licensure: California, A94403

Board Certification: American Board of Ophthalmology, 2010

Professional Experience:

July 2017-

Jerome and Joan Snyder Chair of Ophthalmology,  
Residency Program Director  
University of California, Los Angeles  
Jules Stein Eye Institute  
Los Angeles, CA

July 2016-

Associate Professor-in-Residence of Ophthalmology  
University of California, Los Angeles  
Jules Stein Eye Institute  
Los Angeles, CA

August 2010-2016

Assistant Professor-in-Residence of Ophthalmology  
University of California, Los Angeles  
Jules Stein Eye Institute  
Los Angeles, CA

August 2010-2017

Associate Residency Director, Department of Ophthalmology  
University of California, Los Angeles  
Jules Stein Eye Institute  
Los Angeles, CA

Professional Activities:

*Committee Service:*

- 2010-2013 UCLA Department of Ophthalmology, Residency Training Committee
- 2010- Department of Ophthalmology, Residency Selection Committee
- 2011-2015 American Association of Pediatric Ophthalmology and Strabismus (AAPOS), Research Committee
- 2011-2016 AAPOS, Professional Education Committee
- 2010- American Academy of Ophthalmology (AAO) AAOWiki, Neuro-Ophthalmology Section Editor
- 2012-2013 Search Committee, Assistant Professor in Residence in Retina Division
- 2012-2013 Search Committee, Chief of Ophthalmology, Harbor-UCLA
- 2012-2018 North-American Neuro-Ophthalmology Society (NANOS), Young Neuro-Ophthalmologists Committee
- 2013-2015 Pediatric Eye Disease Investigator Group (PEDIG) Steering Committee for Amblyopia Studies
- 2013- Department of Ophthalmology, Clinical Competency Committee
- 2013- Department of Ophthalmology, Medical Student Education Committee
- 2013- Department of Ophthalmology, Program Evaluation Committee
- 2013- American Board of Ophthalmology, Board Examiner
- 2014- Applied Anatomy College Mentor, UCLA
- 2014-2018 NANOS, Walsh Committee
- 2014- AAO, Public Health Committee
- 2015- AAO, Ophthalmic Technology Assessment Committee (OTAC), Pediatric Ophthalmology and Strabismus Panel
- 2015- UCLA Stein Eye Institute Alumni Association, Secretary/Treasurer
- 2015- AAPOS, Adult Strabismus Task Force
- 2015- Knights Templar Eye Foundation Pediatric Ophthalmology Education Center, Editor
- 2016-2016 Search Committee, Assistant Professor in Residence in Retina Division
- 2017-2017 Search Committee, Assistant Professor in Residence in Pediatric Ophthalmology Division
- 2017-2018 Search Committee, Smotrich Chair in Contact Lens Division
- 2017- AAPOS, Research Committee, Vice-Chair
- 2017- UCLA Graduate Medical Education Committee (GMEC)
- 2018- Co-Chair AAO Committee for Online Pathology Education System
- 2018- AAO, Measure Development Work Group
- 2018- NANOS, Abstract Committee
- 2018- AAO, Pediatric Ophthalmology and Strabismus Sub-Day Program Committee
- 2018- AUPO, Subcommittee of Program Director Council: AUPO Longitudinal Surgical Curriculum

- 2018- AAO, Chair of Ophthalmic Technology Assessment Committee (OTAC), Pediatric Ophthalmology and Strabismus Panel
- 2019- AUPO, Program Directors Council
- 2020- AAO, Committee for Resident Education
- 2020- AAO, Annual Meeting Program Committee

*Community Service:*

- 2010- Faculty Advisor, Bruins in Focus

*Professional Associations:*

- 2008- American Academy of Ophthalmology
- 2010- American Association of Pediatric Ophthalmology and Strabismus
- 2010- North American Neuro-Ophthalmology Society
- 2013- Consortium of Pediatric Neuro-Ophthalmologists, Founding Member
- 2018- Association for Research in Strabismus, aka "Squint Club"

*Editorial Services:*

- 2009- Journal of the American Association of Pediatric Ophthalmology and Strabismus
- 2011- American Journal of Ophthalmology
- 2011- Investigative Ophthalmology and Vision Science
- 2012- Journal of Neuro-Ophthalmology
- 2012- Acta Ophthalmologica
- 2012- Eye
- 2013- Retinal Cases & Brief Reports
- 2013- JAMA Ophthalmology
- 2013- BMC Ophthalmology
- 2013- Journal of AAPOS
- 2014- JAMA Pediatrics
- 2014- Ophthalmology
- 2014- Current Eye Research
- 2016- Ocular Immunology and Inflammation
- 2018- Neuro-Ophthalmology

*Editorial Board Membership*

- 2014-2015 BMC Ophthalmology
- 2014- Journal of AAPOS
- 2018- Ophthalmic Epidemiology
- 2018- Journal of Neuro-Ophthalmology

*Consulting Activities:* None

Honors and Special Awards:

- 1998-2000 National Science Foundation Undergraduate Research Fellowship

2000	Magna Cum Laude with Distinction, Duke University
2000	Tau Beta Phi, Duke University
2000	Phi Eta Sigma, Duke University
2000	Helmholtz Award (best undergraduate research project), Duke University
2000-2004	Benjamin Measey and Mary Siddons Scholarship, University of Pennsylvania (merit-based tuition support)
2001	Fight for Sight Summer Research Fellowship
2004	Glasgow Rubin Award, University of Pennsylvania (award to the woman with the best overall performance in the medical school graduating class)
2004	Charles A. Oliver Memorial Prize, University of Pennsylvania (award given to the student with the highest record of performance in Ophthalmology in the medical school graduating class)
2004	Pincus Prize for Outstanding Achievement as a Clinician, University of Pennsylvania School of Medicine
2004	Alpha Omega Alpha Medical Honor Society, elected as a junior medical student
2007	Pepose-Saltzman Young Investigator Award
2007	National Eye Institute ARVO Travel Grant
2008	Heed Fellowship, Society of Heed Fellow
2008	Leonard Apt Fellowship
2008	Sanford and Erna Schulhofer Fellowship
2016	AAPOS Honors Award
2016	Selected to take part in UCLA Faculty Development "Stanford University Faculty Development for Medical Teachers" Workshop
2016	AAO Achievement Award
2017	Appointment of Jerome and Joan Snyder Chair in Ophthalmology
2018	University of California OptumLabs Research Credit Award
2019	AAPOS Young Investigator Award

Research Grants and Fellowships Received:

NIH/NEI 1 K23 EY021762-01 Principal Investigator  
 \$1,001,185 Direct Costs  
 2011-2016

Knights Templar Eye Foundation Pediatric Ophthalmology Career-Starter  
 Research Grant, Principal Investigator  
 \$40,000 Direct Costs  
 2011-2012

Gerald Oppenheimier Family Foundation Center for the Prevention of Eye  
 Disease, Principal Investigator  
 \$25,000 Direct Costs  
 2011-2012

Pediatric Eye Disease Investigator Group (PEDIG)  
Site Principal Investigator, Intermittent Exotropia Study 2  
2011-2015

Pediatric Eye Disease Investigator Group (PEDIG)  
Site Principal Investigator, Amblyopia Treatment Study 17  
2012-2015

Pediatric Eye Disease Investigator Group (PEDIG)  
Site Principal Investigator, Pediatric Cataract Registry Study  
2012-present

NIH R01EY023582, Subcontract with Aaron Seitz, Ph.D. of UC Riverside  
Site Principal Investigator, Integrating perceptual learning approaches into  
effective therapies for low vision  
\$28,198 Direct Costs per year  
2014-2019

Research to Prevent Blindness, Walt and Lillian Disney Amblyopia Award  
Principal Investigator  
\$100,000 Direct Costs  
2014-2017

Pediatric Eye Disease Investigator Group (PEDIG) EY018810  
Protocol Chair Pediatric Optic Neuritis Prospective Outcome Study  
\$10,000 Direct Costs per year  
2015-2019

UC Research Credit, Optum Labs  
Principal Investigator  
\$90,000 Research Credit  
2018-2020

NIH R21EY029655, "Physical Injuries in Pediatric Patients with Eye Diseases"  
Principal Investigator  
\$275,000 Direct Costs  
2019-2021

Lectures and Presentations:

1. "Computerized kinetic perimetry as an alternative to standard static and kinetic perimetry". Scheie Eye Institute Alumni Meeting, 2004.
2. "Optic nerve abnormalities in amblyopia" University of California Davis Department of Ophthalmology Grand Rounds, Sacramento 2009.

3. "Optic nerve abnormalities in amblyopia" University of Michigan Department of Ophthalmology Grand Rounds, Ann Arbor 2009.
4. "Optic nerve abnormalities in amblyopia" Vanderbilt University Department of Ophthalmology Grand Rounds, Nashville 2009.
5. "Optic nerve abnormalities in amblyopia" University of Wisconsin Department of Ophthalmology Grand Rounds, Madison 2009.
6. "Optic nerve abnormalities in amblyopia" Emory University Department of Ophthalmology Grand Rounds, Atlanta 2009.
7. "Optic nerve abnormalities in amblyopia" Wilmer Eye Institute Division of Pediatrics Monthly Conference, Baltimore 2010.
8. "Binocular summation of low contrast visual acuity in patients with multiple sclerosis." Scheie Eye Institute Anniversary Meeting, Philadelphia 2010.
9. "Copper deficiency optic neuropathy" Francis Heed Adler Lecture, Scheie Eye Institute, Philadelphia 2010.
10. "Vision loss secondary to vitamin deficiencies in autism." Jules Stein Eye Institute Annual Research Meeting, Los Angeles 2011.
11. "Non-glaucomatous optic nerve cupping in children". Invited guest lecturer at the Pacific Coast Ophthalmology and Otolaryngology meeting, Oahu 2011.
12. "Strabismus Surgery: A Comprehensive Approach". Workshop at American Academy of Ophthalmology, Orlando 2011.
13. "Nystagmus in Children" UCLA Pediatric Neurology Grand Rounds, December 2011.
14. "Nutritional Optic Neuropathies" Harbor-UCLA Neurology Grand Rounds, January 2012.
15. "Why do we need evidence based medicine?" Workshop at American Association of Pediatric Ophthalmology, San Antonio 2012.
16. "What's new and important in pediatric ophthalmology?" Workshop at American Association of Pediatric Ophthalmology, San Antonio 2012.
17. Heed Ophthalmic Foundation Retreat. Invited guest faculty member, Chicago 2012.

18. "Pediatric Neuro-Ophthalmology" Panel at American Academy of Ophthalmology, Chicago 2012.
19. "What's new and important in pediatric ophthalmology?" Workshop at American Academy of Ophthalmology, Chicago 2012.
20. Invited Lecturer "VII Curso Universitario Internacional de Oftalmologia" Santiago, Chile 2012.
21. "Lessons Learned from Randomized Trials in the Treatment of Amblyopia", UCLA Mattel Children's Hospital, Department of Pediatrics Grand Rounds, May 2013.
22. "Efferent Pediatric Neuro-Ophthalmology" UCLA Pediatric Neurology Grand Rounds, May 2013.
23. "Breakfast with the Experts: Diplopia", American Academy of Ophthalmology, New Orleans 2013.
24. "What's new and important in pediatric ophthalmology?" Workshop at American Academy of Ophthalmology, New Orleans 2013.
25. "Strabismus Surgery: A Comprehensive Approach". Workshop at American Academy of Ophthalmology, New Orleans 2013.
26. "The patient with Diplopia" JSEI-SCCO Annual Symposium. Fullerton 2014.
27. "Research". Workshop at American Association of Pediatric Ophthalmology, Palm Springs 2014.
28. "What's new and important in pediatric ophthalmology?" Workshop at American Association of Pediatric Ophthalmology, Palm Springs 2014.
29. "Pediatric Ophthalmology Videos". Workshop at American Association of Pediatric Ophthalmology, Palm Springs 2014.
30. "Optical coherence tomography of the optic nerve versus Humphrey Visual Field Analysis in Pediatric Intracranial Hypertension." Invited Discussant at American Association of Pediatric Ophthalmology, Palm Springs 2014.
31. "Divergence Insufficiency". Invited Panelist at American Academy of Ophthalmology, Chicago 2014.

32. "Ptosis". Invited Panelist at American Academy of Ophthalmology – Pediatric Ophthalmology Sub-Specialty Day, Chicago 2014.
33. "What's new and important in pediatric ophthalmology?" Workshop at American Academy of Ophthalmology, Chicago 2014.
34. "Mechanical Causes of Diplopia". Invited Moderator and Speaker North American Neuro-Ophthalmology Society, San Diego 2015
35. "The Tools of Data Analysis: Matching the Hammer to the Nail". Workshop at AAPOS, New Orleans 2015.
36. "The Impact of Brain Tumors on Vision and Ocular Motility" Workshop at AAPOS, New Orleans 2015.
37. "What's New and Important in Pediatric Ophthalmology and Strabismus in 2015" Workshop at AAPOS, New Orleans 2015.
38. "Difficult Topics in Strabismus" Workshop at AAPOS, New Orleans 2015.
39. "Rectus Muscle Plications" Invited Lecturer Women in Ophthalmology, Scottsdale 2015.
40. "Weakening Procedures for the Superior Oblique" Invited Lecturer for AAPOS Webinar 2015.
41. "Binocular Summation in Strabismus" Invited Guest at Squint Club, Jackson, Wyoming 2015.
42. "True Confessions from the Experts: What I Never Know" Invited Panelist at Pediatric Ophthalmology Sub-Day at AAO, Las Vegas 2015.
43. "I See Double after Cataract Surgery" Invited Panelist at Neuro-Ophthalmology Sub-Day at AAO, Las Vegas 2015.
44. "Children are not little adults; Pediatric Neuro-Ophthalmology" Invited Panelist for workshop at AAO, Las Vegas 2015.
45. "Functional benefits of strabismus surgery" Invited Panelist for First Annual Burt Kushner Webinar 2016.
46. "What's New and Important in Pediatric Ophthalmology and Strabismus in 2016" Workshop at AAPOS, Vancouver 2016.
47. "Difficult Topics in Strabismus" Workshop at AAPOS, Vancouver 2016.



48. "Gray Symposium" Invited Speaker at American Academy of Optometry, Anaheim, 2016.
49. "Oculomotor Palsies", "Medical Treatment of Myopia", "Atropine for the Prevention of Myopia", "Optic Atrophy in Children". Invited Speaker at Colombian Society of Ophthalmology Cartagena, 2016.
50. "Pediatric Optic Neuritis" Invited Speaker at Impulse 2016: A Pediatric Neuro-Ophthalmology Symposium, LV Prasad Eye Institute, Hyderabad, India October 2016.
51. "Neuro-Ophthalmology, The Great Debate" Invited Moderator at AAO, Chicago 2016.
52. "Pediatric Optic Neuritis" Invited Panelist at AAO, Chicago 2016.
53. "Pediatric Neuro-Ophthalmology" Visiting Professor, University of Colorado Department of Ophthalmology November 2016.
54. "Case-based overview of the management of adult strabismus secondary to ocular surgery" Senior Instructor, Workshop at AAPOS, Nashville 2017.
55. "Strabismus surgery in complex neurologic disease: surgical strategy and outcomes" Invited Speaker, Workshop at AAPOS, Nashville 2017.
56. "Difficult Topics in Strabismus" Invited Speaker, Workshop at AAPOS, Nashville 2017.
57. "My Child Can't See" Invited Speaker, Workshop at NANOS, Washington, D.C. 2017.
58. "A New Understanding of the Functional Benefits of Adult Strabismus Surgery" Stein Eye Institute Clinical and Research Seminar and 50<sup>th</sup> Anniversary Celebration, Los Angeles 2017.
59. "Over-minus Glasses for Intermittent Exotropia" Invited Speaker, European Strabismological Society, Porto Portugal 2017.
60. "Strabismus" Invited Panelist for Pediatric Ophthalmology Subspecialty-Day at AAO, New Orleans 2017.
61. Breakfast with the Experts: Diplopia, American Academy of Ophthalmology, New Orleans 2017.
62. "Diplopia in an Adult: A guide to evaluation and management." Invited Panelist, AAO, New Orleans 2017.

63. "A critical evaluation of pediatric ophthalmology papers that will change your practice." Panelist, AAO, New Orleans 2017.
64. "Pediatric Neuro-Ophthalmology" Invited Panelist and Moderator, World Society of Pediatric Ophthalmology and Strabismus, Hyderabad India 2017.
65. "Strabismus surgery in complex neurologic disease" Invited panelist, AAPOS, Washington DC 2018.
66. "Evaluating the evidence: AAPOS Research committee analyses of What's Hot in Pediatric Ophthalmology" Panelist, AAPOS Washington DC 2018.
67. "Innovative techniques for the treatment of adult strabismus." Senior Instructor, AAPOS Washington DC 2018.
68. "A New Understanding of the Functional Benefits of Adult Strabismus Surgery" Stein Eye Institute Clinical and Research Seminar and 50<sup>th</sup> Anniversary Celebration, Los Angeles 2018.
69. "Strabismus" Invited Panelist for Pediatric Ophthalmology Subspecialty-Day at AAO, Chicago 2018.
70. "Five Neuro-Ophthalmic Signs of Life-Threatening Pediatric Disease: Diagnoses Not to Be Missed" Invited Panelist, AAO Chicago 2018.
71. "Pediatric Anterior Segment Problems You Don't Want to Miss" Invited Panelist, AAPOS San Diego 2019.
72. "Video Demonstrations of Signs, Diagnostics of Diseases, and Complex Surgical Procedures in Pediatric Ophthalmology and Strabismus" Invited Panelist, AAPOS San Diego 2019.
73. "Become a Leader in AAPOS: The Inside Tips" Invited Panelist, AAPOS San Diego 2019.
74. "Evaluating the evidence: AAPOS Research committee analyses of What's Hot in Pediatric Ophthalmology" Panelist, AAPOS San Diego 2019.
75. "Atropine for the treatment of myopia" Invited Lecturer for AAO Webinar 2019.
76. "Atropine for Myopia" Invited Panelist for Pediatric Ophthalmology

Subspecialty-Day at AAO, San Francisco 2019.

77. "Five Neuro-Ophthalmic Signs of Life-Threatening Pediatric Disease: Diagnoses Not to Be Missed" Invited Panelist, AAO San Francisco 2019.
78. "Controversies in Neuro-Ophthalmology: Point Counterpoint" Moderator Pediatric Ophthalmology Subspecialty-Day at AAO, AAO San Francisco 2019.
79. "Double vision – 50/50 chance to pick the right one" Invited Panelist Neuro-Ophthalmology Subspecialty Day at AAO San Francisco 2019.
80. "Diplopia: when should I worry?" Invited Panelist, AAO San Francisco 2019.
81. "Pediatric Neuro-Ophthalmology: why children are not just small adults" Invited Panelist, AAO San Francisco 2019.
82. "Innovative techniques for the treatment of adult strabismus." Senior Instructor, AAPOS Austin 2020
83. "Evaluating optic nerve head elevation" Invited Panelist, AAPOS Austin 2020.
84. "Difficult Problems – Non-Strabismus" Invited Panelist, AAPOS Austin 2020.

#### Keynote Addresses and Invited Lectures

1. Keynote Pediatric Ophthalmology Address "VII Curso Universitario Internacional de Oftalmologia" Santiago, Chile 2012.
2. Invited Lecturer, "Rectus Muscle Plications" Women In Ophthalmology, Scottsdale 2015.
3. Invited Guest, "Binocular Summation in Strabismus" Squint Club, Jackson, Wyoming 2015.
4. Keynote Lecture, "Oculomotor Palsies", "Medical Treatment of Myopia", "Atropine for the Prevention of Myopia", "Optic Atrophy in Children". Colombian Society of Ophthalmology Cartagena, 2016.
5. Keynote Lecture, "Pediatric Optic Neuritis" Impulse 2016: A Pediatric

- Neuro-Ophthalmology Symposium, LV Prasad Eye Institute, Hyderabad, India October 2016.
6. Keynote Lecture, "Gray Symposium" American Academy of Optometry, Anaheim, 2016.
  7. Visiting Professor, "Binocular Summation in Strabismus" University of California San Francisco Grand Rounds. San Francisco, 2018.
  8. Knights Templar Visiting Professor, "Binocular Summation in Strabismus" Emory University, Atlanta, 2018.
  9. AAPOS Young Investigator Award, "Functional consequences of Strabismus" San Diego, 2019

Publications/Bibliography:

*Research Papers (Peer reviewed)*

1. Surace EM, Auricchio A, Reich SJ, Rex T, Glover E, **Pineles S**, Tang W, O'Connor E, Lyubarsky A, Savchenko A, Pugh EN, Maguire AM, Wilson JM, Bennett J. "Delivery of Adeno-associated viral vectors to the fetal retina: impact of viral capsid proteins on retinal neuronal progenitor transduction", *Journal of Virology* 2003;77(14):7957-63.
2. **Pineles SL**, Volpe NJ. "Computerized kinetic perimetry detects tubular visual fields in patients with functional visual loss", *Am J Ophthalmol* 2004;137(5):933-5.
3. **Pineles SL**, Volpe NJ, Miller-Ellis EM, Galetta SL, Sankar PS, Schindler KS, Maguire MG. "Automated combined kinetic and static perimetry: an alternative to standard perimetry in patients with neuro-ophthalmic disease and glaucoma". *Arch Ophthalmol*. 2006;124:363-369.
4. **Pineles SL**, Velez FG, Elliot RG, Rosenbaum AL. "Superior oblique muscle paresis and restriction secondary to orbital mucocele." *J AAPOS* 2007;11(1):60-61.
5. **Pineles SL**, Rosenbaum AL, Demer JL. "Changes in binocular alignment after surgery for comitant and pattern intermittent exotropia." *Strabismus*. 2008;16(2):57-63.
6. **Pineles SL**, Demer JL. "Bilateral abnormalities of optic nerve size and eye shape in unilateral amblyopia." *Am J Ophthalmol* 2009 148:551-557.

7. **Pineles SL**, Rosenbaum AL, Demer JL. "Postoperative drift is less in pattern than concomitant intermittent exotropia." *J AAPOS* 2009; 13:127-131.
8. **Pineles SL**, Wilson CA, Balcer LJ, Slater R, Galetta SL. "Combined optic neuropathy and myelopathy secondary to copper deficiency." *Surv Ophthalmol* 2010; 55:386-92.
9. **Pineles SL**, Avery RA, Moss H, et al. "Visual and systemic outcomes in pediatric ocular myasthenia gravis." *Am J Ophthalmol* 2010;150:453-9.
10. **Pineles SL**, Ela-Dalman N, Zvansky AG, Yu F, Rosenbaum AL. "Long-term results of the surgical management of intermittent exotropia," *JAAPOS* 2010; 14:298-304.
11. **Pineles SL**, Ela-Dalman N, Rosenbaum AL, Aldave AJ, Velez FG. "Binocular visual function in patients with Boston type I keratoprostheses implantation." *Cornea* 2010; 29:1397-400.
12. **Pineles SL**, Avery RA, Liu GT. "Vitamin B12 Optic Neuropathy in Autism." *Pediatrics* 2010; 126:e967-70.
13. **Pineles SL**, Liu GT, Nasta S, et al. "Presence of Erdheim-Chester disease and Langerhans cell histiocytosis in the same patient: a report of two cases." *J Neuro-Ophthalmol* 2011; (pub ahead of print)
14. **Pineles SL**, Birch EE, Talman LS, et al. "One Eye or Two: A Comparison of Binocular and Monocular Low-Contrast Acuity Testing in Multiple Sclerosis." *Am J Ophthalmol* 2011; 152:133-40.
15. Velez FG, Laursen JK, **Pineles SL**. "Risk factors for consecutive exotropia after vertical rectus transposition for esotropic Duane retraction syndrome." *JAAPOS* 2011; 15:326-30.
16. **Pineles SL**, Kekunnaya R, Velez FG. "Medial Rectus Recession Following Vertical Rectus Transposition in Esotropic Duane's Retraction Syndrome." *Arch Ophthalmol* 2011; 129:1195-8.
17. **Pineles SL**, Galetta SL, Fine SL, Tapino PJ, Volpe NJ. "Predictive characteristics and factors considered in determining academic career choices in ophthalmology trainees" *J Academic Ophthalmol* 2011; 4:73-84.
18. **Pineles SL**, Arnold AC. "Fluorescein angiographic identification of optic disc drusen with and without optic disc edema." *J Neuro-Ophthalmol* 2012; 32:17-22.

19. **Pineles SL**, Deitz LW, Velez FG. "Post-operative outcomes of patients initially over-corrected for intermittent exotropia" JAAPOS 2011; 15:527-31.
20. Velez FG, Velez G, Hendler K, **Pineles SL**. "Isolated Y-splitting and recession of the lateral rectus muscle in patients with exo-Duane syndrome" Strabismus 2012; 20:109-14.
21. **Pineles SL**, Laursen J, Goldberg RA, Demer JL, Velez FG. "Function of transected or avulsed rectus muscles following recovery using an anterior orbitotomy approach" JAAPOS 2012; 16:336-41.
22. Nejad M, Thacker N, Velez FG, **Pineles SL**. "Surgical Results of Subjects with Unilateral Superior Oblique Palsy Presenting with Large Hypertropias" J Pediatr Ophthalmol Strabismus 2013; 50:44-52.
23. **Pineles SL**, Demer JL, Holland GN, Ransome S, Bonelli L, Velez FG. "External Ophthalmoplegia in Human Immunodeficiency Virus Infected Patients Receiving Antiretroviral Therapy" J AAPOS 2012; 16:529-33.
24. Hendler K, **Pineles SL**, Demer JL, Rosenbaum AL, Velez G, Velez FG. "Does inferior oblique recession cause overcorrections in laterally incomitant small hypertropias due to presumed superior oblique palsy?" Br J Ophthalmol 2013;97(1):88-91.
25. Kim S, Hamilton R, **Pineles S**, Bergsneider M, Hu X. "Noninvasive Intracranial Hypertension Detection Utilizing Semi-Supervised Learning" IEEE Trans Biomed Eng 2013; 60(4):1126-33.
26. **Pineles, SL**, Volpe, NJ. "Long-term results of optic nerve sheath fenestration for idiopathic intracranial hypertension: earlier intervention favours improved outcomes" Neuro-Ophthalmology 2013; 37(1):12-9.
27. Yoo SH, **Pineles SL**, Goldberg RA, Velez FG. "Rectus muscle resection in Graves' ophthalmopathy." J AAPOS 2013; 17(1):9-15.
28. Levin MH, Moss HE, **Pineles SL**, Bagley LJ, Heuer GG, Zager EL, Balcer LJ, Galetta SL, Vagefi MR. "Orbital congestion complicating treatment of cerebral vascular anomalies." World Neurosurg 2014;82(1-2):239.e13-7.
29. Peragallo J, Velez FG, Demer JL, **Pineles SL**. "Long-term follow-up of strabismus surgery for patients with ocular myasthenia gravis." J Neuro-Ophthalmol 2013; 33(1):40-4.

30. Peragallo J, Velez FG, Demer JL, **Pineles SL**. "Postoperative drift in patients with thyroid ophthalmopathy undergoing unilateral inferior rectus muscle recession" *Strabismus* 2013; 21(1):23-8.
31. Tamhankar MA, Biousse V, Ying GS, Prasad S, Subramanian PS, Lee MS, Eggenberger E, Moss HE, **Pineles S**, Bennett J, Osborne B, Volpe NJ, Liu GT, Bruce BB, Newman NJ, Galetta SL, Balcer LJ. "Isolated third, fourth, and sixth cranial nerve palsies from presumed microvascular versus other causes: a prospective study" *Ophthalmology* 2013; 120(11):2639-42.
32. Kekunnaya R, , Velez FG, **Pineles SL**. "Outcomes in patients with esotropic Duane retraction syndrome and a partially accommodative component" *Indian J Ophthalmol* 2013; 61(12):701-4.
33. **Pineles SL**, Velez G, Velez FG. "Asymmetric Inferior Oblique Anterior Transposition for Incomitant Asymmetric Dissociated Vertical Deviation. *Graefes Arch Clin Exp Ophthalmol* 2013; 251(11):2639-42.
34. **Pineles SL**, Velez FG, Isenberg SJ, Fenoglio ZF, Birch EE, Nusinowitz S, Demer JL. "Functional burden of strabismus: decreased binocular summation and binocular inhibition" *JAMA Ophthalmol* 2013;251:2639-42.
35. Rabinovitch R, Velez FG, **Pineles SL**. "Risk factors influencing the outcome of strabismus surgery following retinal detachment surgery with scleral buckle" *JAAPOS* 2013 17(6):594-7.
36. Velez FG, Demer JL, Pihlblad M, **Pineles SL**. "Rectus Muscle Plications Using Adjustable Technique" *JAAPOS* 2013;17(5):480-3.
37. **Pineles SL**, Lee PJ, Velez FG, Demer JL. "Effects of visual noise on binocular summation in strabismic patients without amblyopia" *J Pediatr Ophthalmol Strabismus* 2014; 51(2):100-4.
38. Waldman AT, Hiremath G, Avery RA, Conger A, **Pineles SL**, Loguidice MJ, Talman LS, Galetta KM, Shumski MJ, Wilson J, Ford E, Lavery AM, Conger D, Greenberg BM, Ellenberg JH, Frohman EM, Balcer LJ, Calabresi PA. "Monocular and binocular low-contrast visual acuity and optical coherence tomography in pediatric multiple sclerosis. *Mult Scler Relat Disord* 2013; 3(3):326-34.
39. Hendler K, **Pineles SL**, Yang D, Demer JL, Velez FG. "Adjustable Augmented Rectus Muscle Transposition Surgery With or Without Ciliary Vessel Sparing For Abduction Deficiencies" *Strabismus* 2014; 22(2):74-80.

40. Repka MX, Kraker RT, Holmes JM, *et al.* Atropine vs patching for treatment of moderate amblyopia: follow-up at 15 years of age of a randomized clinical trial. *JAMA Ophthalmol* 2014; 132(7): 799-805.
41. Tandon A, Velez FG, Isenberg SJ, Demer JL, **Pineles SL**. "Binocular inhibition in strabismic patients is associated with diminished quality of life" *JAAPOS*. 2014; 18(5):423-6.
42. Velez FG, Oltra E, Isenberg SJ, **Pineles SL**. Assessment of Torsion After Superior Rectus Transposition With or Without Medial Rectus Recession for Duane Syndrome and Abducens Palsy *JAAPOS* 2014; 18(5):457-60.
43. **Pineles SL**, Velez FG, Yu F, Demer JL, Birch EE. "Normative Reference Ranges for Binocular Summation as a Function of Age for Low Contrast Letter Charts" *Strabismus* 2014; 22(94):167-75.
44. Quan AV, **Pineles SL**, Tsui I, Velez FG. Phthisis bulbi after lensectomy in retinopathy of prematurity eyes previously treated with laser photocoagulation. *Retin Cases Brief Rep* 2015; 9(1):67-71.
45. **Pineles SL**, Repka MX, Yu F, Lum F, Coleman AL. "Risk of Musculoskeletal Injuries, Fractures, and Falls in Medicare Beneficiaries with Disorders of Binocular Vision" *JAMA Ophthalmol* 2015; 133(1):60-5.
46. Oltra EZ, **Pineles SL**, Demer JL, Quan AV, Velez FG. "The effect of rectus muscle recession, resection and plication on anterior segment circulation in humans." *Br J Ophthalmol* 2014 (epub ahead of print)
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