

Curriculum Vitae - Eileen E. Birch, Ph.D.

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EDUCATION

B.A.	University of Connecticut, Storrs	1974
Ph.D.	University of California, Santa Barbara	1979

PROFESSIONAL ORGANIZATIONS

Association for Research in Vision and Ophthalmology
American Academy of Ophthalmology
American Association for Pediatric Ophthalmology & Strabismus
Women in Ophthalmology

PROFESSIONAL EXPERIENCE

1973 - 1974	NIH Pre-Doctoral Fellow, University of California, Santa Barbara
1975 - 1977	Teaching Assistant, University of California Santa Barbara
1977 - 1978	Teaching Associate, University of California Santa Barbara
1979 - 1980	Postdoctoral Fellow, Massachusetts Institute of Technology
1980 - 1982	Hermann M. Burian, M.D. Fight for Sight Postdoctoral Fellow, MIT
1982 - 1984	Research Affiliate in Psychology and Brain Science, MIT
1982 - 1987	Research Scientist, Retina Foundation of the Southwest
1982 - 1988	Adjunct Assistant Professor of Ophthalmology, UT Southwestern Med Center
1988 - 1994	Adjunct Associate Professor of Ophthalmology, UT Southwestern Med Center
1987 - Present	Senior Research Scientist, Retina Foundation of the Southwest
1994 - Present	Adjunct Professor of Ophthalmology, UT Southwestern Med Center

HONORS

Marshall M. Parks Lecturer, American Academy of Ophthalmology, 2002
Honorary Member, American Association of Pediatric Ophthalmology & Strabismus, 2006
Pediatric Glaucoma and Cataract Family Association Award, 2008
ARVO Silver Fellow, 2009; ARVO Gold Fellow 2011
AAPOS Honor Award, 2015

PUBLICATIONS

1. Birch EE. Binocular processing of contrast. Ph.D. Dissertation, University of California, 1979.
2. Birch EE and Foley JM. The effects of duration and luminance on binocular depth mixture. *Perception*, 1979; 8:263-8.
3. Enoch JM, Birch DG, and Birch EE. Monocular light exclusion for a period of days reduces directional sensitivity of the human retina. *Science*, 1979; 206:705-9.
4. Enoch JM, Birch DG, Birch EE, and Benedetto MD. The effect of unocular occlusion on selected visual functions. *Transactions of the Ophthalmological Society (United Kingdom)*, 1980; 99:407-12.
5. Birch DG, Birch EE, and Enoch JM. Visual sensitivity, resolution, and Rayleigh matches following monocular occlusion for one week. *Journal of the Optical Society of America*, 1980; 70:954-8.
6. Held R, Birch EE, and Gwiazda J. Stereoacuity of human infants. *Proceedings of the National Academy of Science USA*, 1980; 77:2272-4.
7. Enoch JM, Birch DG, and Birch EE. Alteration in directional sensitivity of the retina by monocular occlusion. *Vision Research*, 1980; 20:1185-90.
8. Gwiazda J, Birch EE, and Held R. Le developement de la vision chez l'enfant. *La Recherche*, 1981; 128:1348-53.
9. Gwiazda J, Birch EE, and Held R. El desarrollo de la vision en el nino. *Mundo Cientifico*, 1982; 11:120-4.
10. Birch EE, Gwiazda J, and Held R. Stereoacuity development for crossed and uncrossed disparities in human infants. *Vision Research*, 1982; 22:507-13.
11. Birch EE, Gwiazda J, Bauer JA, Naegele J, and Held R. Visual acuity and its meridional variations in children aged 7 to 60 months. *Vision Research*, 1983; 23:1019-24.
12. Birch EE and Held R. The development of binocular summation in human infants. *Investigative Ophthalmology and Visual Science*, 1983; 24:1103-7.
13. Birch EE. Assessment of binocular function during infancy. *Ophthalmic Paediatrics and Genetics*, 1983; 2:181-8.
14. Birch EE, Gwiazda J and Held R. The development of vergence does not account for the onset of stereopsis. *Perception*, 1983; 12:331-6.
15. Shimojo S, Birch EE, Gwiazda J, and Held R. Development of vernier acuity in infants. *Vision Research*, 1984; 24:721-8.
16. Birch EE, Shimojo S, and Held R. Preferential-looking assessment of fusion and stereopsis in infants aged 1 to 6 months. *Investigative Ophthalmology and Visual Science*, 1985; 26:366-70.
17. Birch EE. Infant interocular acuity differences and binocular vision. *Vision Research*, 1985; 25:571-6.
18. Birch EE and Stager DR. Monocular acuity and stereopsis in infantile esotropia. *Investigative Ophthalmology and Visual Science*, 1985; 26:1624-30.
19. Stager DR and Birch EE. Preferential-looking acuity and stereopsis in infantile esotropia. *Journal of Pediatric Ophthalmology and Strabismus*, 1986 23:160-5.

20. Birch EE, Stager DR, and Wright WW. Grating acuity development following early surgery for congenital unilateral cataract. *Archives of Ophthalmology*, 1986; 104:1783-7.
21. Birch EE, Hale LA, Stager DR, Fuller DG, and Birch DG. Operant acuity of toddlers and developmentally delayed children with low vision. *Journal of Pediatric Ophthalmology and Strabismus*, 1987; 24:64-9.
22. Birch EE and Birch DG. Pupillometric measures of retinal sensitivity in infants and adults with retinitis pigmentosa. *Vision Research*, 1987; 27:499-505.
23. Birch DG, Herman WK, deFaller JM, Disbrow DT, and Birch EE. The relationship between rod perimetric thresholds and full-field rod ERGs in retinitis pigmentosa. *Investigative Ophthalmology and Visual Science*, 1987; 28:954-65.
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31. Swanson WH and Birch EE. Infant spatiotemporal vision: dependence of spatial contrast sensitivity on temporal frequency. *Vision Research*, 1990; 30:1033-48.
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63. Birch EE and Stager DR. The critical period for surgical treatment of dense congenital unilateral cataract. *Investigative Ophthalmology & Visual Science*; 1996, 37: 1532-8.
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105. Jeffrey B, Wang Y, Birch E. Circular contour frequency in shape discrimination. *Vision Research*, 2002, 42: 2773-2779.
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8. Wang J, Ren X, Shen L, Yanni SE, Leffler JN, Birch EE. Progression of anisometropia in children with regressed retinopathy of prematurity. Intercontinental Perspective of Pediatric Ophthalmology & Strabismus - AAPOS & SNEC Joint meeting, 2013.
9. Pediatric Eye Disease Investigator Group. A randomized trial of increased patching for amblyopia. American Association for Pediatric Ophthalmology & Strabismus, 2013.
10. Pediatric Eye Disease Investigator Group. Development of a parent informational video to aid recruitment in a pediatric surgical randomized trial. Society of Clinical Trials, 2013.
11. Pediatric Eye Disease Investigator Group. Time course and predictors of amblyopia improvement with 2 hours of daily patching. Association for Research in Vision & Ophthalmology, 2013.
12. Pediatric Eye Disease Investigator Group. Amblyopia Treatment Study 1. Long-term follow-up age 15 years results. European Strabismus Association, 2013.
13. Pediatric Eye Disease Investigator Group. A randomized trial comparing part-time patching with observation for children with intermittent exotropia. American Academy of Optometry, 2013.
14. Pediatric Eye Disease Investigator Group. A randomized trial of atropine versus patching for treatment of moderate amblyopia: Follow-up at 15 years of age. American Academy of Optometry, 2013.
15. Pediatric Eye Disease Investigator Group. A randomized trial comparing part-time patching with observation for children with intermittent exotropia. American Academy of Ophthalmology, 2013.
16. Pediatric Eye Disease Investigator Group. Lessons learned from the amblyopia treatment studies. Optical Society of America, 2013.

17. Pediatric Eye Disease Investigator Group. What a research network teaches about amblyopia therapy. British Isles Pediatric Ophthalmology and Strabismus Association, 2013.
18. Pediatric Eye Disease Investigator Group. A randomized trial of increased patching for amblyopia. American Association of Certified Orthoptists, 2013.
19. Birch EE, Li S, Jost RM, Morale SE, Stager Jr, Dao L, Stager Sr D. Binocular iPad treatment for amblyopia in preschool children. American Association for Pediatric Ophthalmology & Strabismus, 2014.
20. Li S, Morale SE, Jost RM, De La Cruz A, Birch EE. Binocular treatment of amblyopia reduces severity of suppression to improve visual acuity. American Association for Pediatric Ophthalmology & Strabismus, 2014.
21. Jost RM, Felius J, Birch EE. High sensitivity of binocular retinal birefringence screening for anisometric amblyopia without strabismus. American Association for Pediatric Ophthalmology & Strabismus, 2014.
22. Pediatric Eye Disease Investigator Group. A randomized trial of atropine versus patching for treatment of moderate amblyopia: follow-up at 15 years of age. American Association for Pediatric Ophthalmology & Strabismus, 2014.
23. Pediatric Eye Disease Investigator Group. A randomized trial of adding a plano lens to atropine for treatment of amblyopia. American Association for Pediatric Ophthalmology & Strabismus, 2014.
24. Pediatric Eye Disease Investigator Group. The effect of part-time patching on stereoacuity, control, and angle in childhood intermittent exotropia. American Association for Pediatric Ophthalmology & Strabismus, 2014.
25. Morale SE, Wang J, Ren X, Mossa-Basha L, Birch EE. Longitudinal changes in hyperopia of children with accommodative esotropia depends on age of onset of strabismus. Association for Research in Vision & Ophthalmology, 2014.
26. Li S, Jost RM, Morale SE, Stager Sr D, Dao L, Stager Jr D, Birch EE. Binocular treatment of amblyopia leads to lasting improvement of visual acuity. Association for Research in Vision & Ophthalmology, 2014.
27. Jost RM, Stager Jr DJ, Dao L, Katz S, McDonald R, Birch EE. High specificity and accuracy of the Pediatric Vision Scanner in a pediatric primary care setting. Association for Research in Vision & Ophthalmology, 2014.
28. Birch EE. Amblyopia and binocular vision. Invited Speaker, EY Section Amblyopia Minisymposium. Association for Research in Vision & Ophthalmology, 2014.
29. Pediatric Eye Disease Investigator Group. Pediatric cataract surgery: Baseline characteristics of a North American pediatric eye disease registry. Association for Research in Vision & Ophthalmology, 2014.
30. Pediatric Eye Disease Investigator Group. Effect of patching versus observation on intermittent exotropia-specific health-related quality of life in children and their parents. Association for Research in Vision & Ophthalmology, 2014.
31. Haider KM, Birch EE, Wang J. Development of refractive error and visual acuity in individual children with retinopathy of prematurity treated with intravitreal injection of bevacizumab. Association for Research in Vision & Ophthalmology, 2014.

32. Birch EE. Amblyopia and binocular vision. Invited Speaker, Amblyopia Translational Research Alliance, 2014.
33. Birch EE. Amblyopia: it's a binocular disorder. Invited Speaker, "Cutting Edge Innovations in Amblyopia," American Academy of Ophthalmology Pediatric Ophthalmology Subspecialty Day, 2014.
34. Birch EE, Jost RM, Gilmore III JF, De La Cruz A, Kelly KR. Reading rate and Scantron[®] completion time in children with amblyopia. American Association for Pediatric Ophthalmology & Strabismus, 2015.
35. Jost RM, Stager Jr D, Dao L, Katz S, McDonald R, Birch EE. High specificity of the pediatric vision scanner in a private pediatric primary care setting. American Association for Pediatric Ophthalmology & Strabismus, 2015.
36. Li SL, Reynaud A, Hess R, Wang Y-Z, Jost RM, Morale SE, De La Cruz A, Dao L, Stager Jr D, Birch EE. Binocular movie treatment of amblyopia improves visual acuity in children. American Association for Pediatric Ophthalmology & Strabismus, 2015.
37. Pediatric Eye Disease Investigator Group. Pediatric cataract surgery: Baseline characteristics of a North American pediatric eye disease registry. American Association for Pediatric Ophthalmology & Strabismus, 2015.
38. Feliuss J, Ramachandran S, Jost RM, Kelly KR, Birch EE, De La Cruz A, John BA. Fixational eye movements in amblyopia: the effect of reduced visual feedback. Association for Research in Vision & Ophthalmology, 2015.
39. Kelly KR, Feliuss J, Ramachandran S, John BA, Jost RM, Birch EE. Disparity vergence in infantile esotropia reveals a congenital deficit for disparity sensitivity. Association for Research in Vision & Ophthalmology, 2015.
40. Castañeda YC, Birch EE, Leske DA, Hatt SR, Liebermann L, Holmes JM. Quality of life concerns in parents of children with esotropia. Association for Research in Vision & Ophthalmology, 2015.
41. Liebermann L, Leske DA, Hatt SR, Castañeda YC, Birch EE, Holmes JM. Quality of life concerns in children with esotropia. Association for Research in Vision & Ophthalmology, 2015.
42. Morale SE, Li SL, Jost RM, De La Cruz A, Stager Jr D, Dao L, Birch EE. Interocular suppression and treatment of childhood amblyopia. Association for Research in Vision & Ophthalmology, 2015.
43. Li SL, Reynaud A, Hess R, Wang Y-Z, Jost RM, Morale SE, De La Cruz A, Dao L, Stager Jr D, Birch EE. Dichoptic movie treatment of childhood amblyopia. Association for Research in Vision & Ophthalmology, 2015.
44. Pediatric Eye Disease Investigator Group. The clinical profile of moderate hyperopia in children three to five years of age. Association for Research in Vision & Ophthalmology, 2015.
45. Pediatric Eye Disease Investigator Group. A randomized trial of adding a plano lens to atropine for treatment of amblyopia. European Strabismological Association, 2015.
46. Christiansen SP, Chandler DL, Lee KA, Supestein R, de Alba Campomanes AG, Bothun ED, Morin J, Wallace DK, Kraker RT, Pediatric Eye Disease Investigator Group. Complications of

- boulinum toxin-A for treatment of esotropia in children. Association for Research in Vision & Ophthalmology, 2015.
47. Pediatric Eye Disease Investigator Group. A pilot randomized clinical trial of overminus spectacles versus observation in children with intermittent exotropia. American Academy of Optometry, 2015.
 48. Birch EE. Fixation instability in amblyopia. Lasker/IRRF Initiative for Innovation in Vision Science, 2015.
 49. Williams CE, Birch EE, Golding J, Guggenheim J, Sallis H, Steer C, Northstone K. Longitudinal analysis of stereoacuity (depth perception) data from the ALSPAC birth cohort. CLOSER Conference: Promoting Excellence in Longitudinal Research, 2015.
 50. Birch EE, Morale SE, Jost RM, De La Cruz A, Kelly KR, Wang Y-Z, Bex PJ. Assessing suppression in amblyopia with a dichoptic eyechart. American Association for Pediatric Ophthalmology & Strabismus, 2016.
 51. Leffler JN, Wang J, Morale SE, De La Cruz A, Haider KM, Spencer R, Birch EE. Longitudinal refractive development in preterm children following treatment of retinopathy of prematurity (ROP) with intravitreal bevacizumab (IVB). American Association for Pediatric Ophthalmology & Strabismus, 2016.
 52. Kelly KR, Morale SE, Felius J, Jost RM, Birch EE. Amblyopia disrupts the development of eye-hand coordination. American Association for Pediatric Ophthalmology & Strabismus, 2016.
 53. Jost RM, Kelly KR, Dao L, Leffler JN, Beauchamp CL, Birch EE. Randomized clinical trial of binocular iPad treatment for amblyopia versus patching. American Association for Pediatric Ophthalmology & Strabismus, 2016.
 54. De La Cruz A, Jost RM, Morale SE, Kelly KR, Birch EE. Modified test protocol improves sensitivity of the Stereo Fly Test. American Association for Pediatric Ophthalmology & Strabismus, 2016.
 55. Pediatric Eye Disease Investigator Group. A pilot randomized clinical trial of overminus spectacles versus observation in children with intermittent exotropia. American Association for Pediatric Ophthalmology & Strabismus, 2016.
 56. Birch EE. Fixation instability and amblyopia. Invited Speaker, Fixational Eye Movements Mini-Symposium, Association for Research in Vision & Ophthalmology, 2016.
 57. Castañeda YS, Cheng-Patel CS, Leske DA, Wernimont SM, Hatt SR, Liebermann L, Birch EE, Holmes JM. Quality of life and functional vision concerns of children with cataracts and their parents. Association for Research in Vision & Ophthalmology, 2016.
 58. De La Cruz A, Jost RM, Kelly KR, Birch EE. Baseline factors and visual acuity outcome following binocular amblyopia treatment. Association for Research in Vision & Ophthalmology, 2016.
 59. Pediatric Eye Disease Investigator Group. The natural history of childhood intermittent esotropia over a 3-year period. Association for Research in Vision & Ophthalmology, 2016.
 60. Morale SE, Jost RM, Mutti DO, Birch EE. Peripheral refraction and accommodation in infants with esotropia. Association for Research in Vision & Ophthalmology, 2016.

61. Kelly KR, Jost RM, Dao L, Beauchamp CL, Leffler JN, Birch EE. Randomized clinical trial of binocular iPad treatment for amblyopia versus patching. Association for Research in Vision & Ophthalmology, 2016.
62. Birch, EE. Update on Randomized clinical trial of binocular iPad treatment for amblyopia versus patching. Lasker/IRFF Initiative on Amblyopia, 2016.
63. Leske DA, Wernimont SM, Hatt SR, Birch EE, Holmes JM. Comparison of rating scales in the development of patient-reported outcome measures for children with eye disorders. Association for Research in Vision & Ophthalmology, 2016.
64. Wernimont S, Castañeda YS, Hatt SR, Leske DA, Liebermann L, Cheng-Patel C, Birch EE, Holmes JM. Identifying items for patient-reported outcome measures in pediatric eye disease. Association for Research in Vision & Ophthalmology, 2016.
65. Birch, EE. Binocular amblyopia treatment. Invited Speaker, “Emerging Technology – Real Deal or False Promises,” American Academy of Ophthalmology Pediatric Ophthalmology Subspecialty Day, 2016.
66. Hoffman DR, Castañeda YS, Cheng-Patel CS, Morale SE, Garfield S, Takacs A, Felius J, Birch EE. Cognitive and executive outcomes after 12-months of dietary DHA & ARA supply to toddlers: The Sprinkles Trial. International Society for the Study of Fatty Acids and Lipids, 2016.

CURRENT GRANT SUPPORT

National Eye Institute EY022313 Binocular Vision, Amblyopia, and Refractive Development in Esotropia

Eileen E. Birch (Principal Investigator)

The goal of the project is to understand the roles of abnormal visual experience and congenital factors in the visual deficits associated with infantile esotropia and accommodative esotropia in order to facilitate the development of more effective prevention and treatment strategies.

DSM/Martek Biosciences Protocol 2009-2016 The Effects of Extended Long Chain Polyunsaturated Fatty Acid Supplementation on Neurological and Immunological Development in Toddlers

Eileen E. Birch (Co-Principal Investigator) and Dennis R. Hoffman (Co-Principal Investigator)

The major goal of this investigator-initiated research grant is to determine whether DHA supplementation during the second and third years of life is of benefit for visual, cognitive, and immunological maturation during the preschool years.

National Eye Institute EY024333 Patient Reported Outcome Measures for Pediatric Ophthalmology

Jonathan M. Holmes (Principal Investigator, Mayo Clinic)

Eileen E. Birch (Principal Investigator for Retina Foundation of the Southwest Subcontract)

The goal of the project is to develop an HRQOL item bank for children and their parents covering the spectrum of pediatric eye disease, calibrate the items using Rasch analysis, and evaluate validity of the new Rasch-based domain short forms.

National Eye Institute EY11751 Pediatric Eye Diseases Investigator Group

This is an ongoing, cooperative agreement from the National Eye Institute to support a series of multicenter clinical trials in pediatric ophthalmology, including the Amblyopia Treatment Studies (ATS).

Role: Consultant; Member of the Executive Committee

New Zealand Ministry of Business, Innovation, & Employment; Smart Ideas Program.

PROP-42204-SIP1-UOA: A device for assessment of visual function for use with young children

Jason Turuwhenua (Project Leader); Eileen Birch (Key Individual)

The goal of this project is to develop a preschool screening device that can be used even in remote areas of the world.

RESEARCH RELATED ACTIVITIES

Associate Editor:

Journal of AAPOS (2011-2013)

Editorial Board:

Binocular Vision (1987-1994)

Investigative Ophthalmology and Visual Science (1998-2003)

Journal of AAPOS (2006-2011)

Journal Referee:

Acta Neurologica Scandinavia

Acta Ophthalmologica Scandinavia

Acta Paediatrica

American Journal of Clinical Nutrition

American Journal of Ophthalmology

Applied Optics

Archives of Ophthalmology

American Journal of Clinical Nutrition

Binocular Vision

Biology of the Neonate

British Journal of Ophthalmology

British Medical Journal

BMJ Clinical Evidence

Clinical Vision Science

Cochrane Review

Comparative Biochemistry and Physiology

Current Eye Research

Diabetes

Documenta Ophthalmologica

Early Human Development

European Journal of Clinical Nutrition

Eye

Investigative Ophthalmology and Visual Science

Journal of AAPOS

Journal of Neurochemistry

Journal of Ophthalmology

Journal of Pediatrics

Journal of Pediatric Ophthalmology & Strabismus

The Lancet

Lipids

Molecular Vision

Pediatric Research
Ophthalmic & Physiological Optics
Ophthalmic Epidemiology
Ophthalmology
Optometry & Physiological Optics
Optometry & Vision Science
Perception and Psychophysics
Progress in Retinal and Eye Research
Vision Research

Extramural Grant Reviewer:

Member, Grant-In-Aid Review Panel (1992-1994), Fight for Sight
Member, Visual Sciences B Study Section, National Institutes of Health, (1994-1998)
Member, National Advisory Eye Council, (2004-2007)
Ad Hoc Reviewer, National Institutes of Health
Ad Hoc Reviewer, National Science Foundation
Ad Hoc Reviewer, March of Dimes
Ad Hoc Reviewer, Medical Research Council
Ad Hoc Reviewer, Fight for Sight
Ad Hoc Reviewer, Fight for Sight (UK)
Ad Hoc Reviewer, Cochrane Eyes and Vision Group
Ad Hoc Reviewer, Thrasher Research Fund

Service:

Institutional Review Board Member, Texas Retina Associates, 1985-1995
Trustee, Retina Foundation of the Southwest, 1987-Present
Advisory Board Member, Dallas Services for Visually Impaired Children, 1988-2010
National Children's Eye Care Foundation Strategic Planning Committee Member, Amblyopia
20/20 Project, 1991-1996
Member, National Vision Screening Workshop, 1992-1995
Member, Scientific Integrity Committee, Retina Foundation of the Southwest, 1992- Present
Institutional Review Board Member, Greenville Surgery Center, 1994 - 2000
Lead Organizer, ARVO Mini-symposium, "Co-Development of Eye Alignment, Stereopsis and
Motion Processing", Association for Research in Vision and Ophthalmology, 1994
Member, Program Committee, OSA/Noninvasive Assessment of the Visual System, 1994-1995
Chair, Program Committee, OSA/Noninvasive Assessment of the Visual System, 1996
Chair, Advisory Committee, OSA/Visual Science and Its Applications, 1997
Member, Advisory Committee, OSA/ Visual Science and Its Applications, 1995-1997
Principal Scientific Advisor, National Children's Eye Care Foundation Strategic Planning
Committee member for Amblyopia 20/20 Project, 1995-2002
Member, Ethics and Scientific Misconduct Committee, Retina Foundation of the Southwest,
1995-2010

Parent Volunteer, Vision Screening, St. Rita Catholic School, 1995-2005.
 Member, Steering Committee, Early Surgery for Congenital Esotropia Trial, 1996- 2001
 Member, Executive Committee, Infant Aphakia Treatment Study Group, 1997-1999.
 Member, Executive Committee, Pediatric Eye Disease Investigator Group (PEDIG), 1998- Present
 Member, Steering Committee, Amblyopia Treatment Studies, 1999- Present
 Member, Eye Movements and Strabismus Program Committee, ARVO, 2000- 2003
 Member, CEMAS Working Group, National Eye Institute, 1999-2001
 Chair, Eye Movements and Strabismus Program Committee, ARVO, 2002-2003
 Member, Data Monitoring and Oversight Committee, Baltimore Pediatric Eye Disease Study, 2003-2007.
 Member, Data Monitoring and Oversight Committee, Multi-Ethnic Pediatric Eye Disease Study, 2003-2012.
 Member, National Advisory Eye Council, 2004-2007
 Member, Data Safety Monitoring Committee, Infant Aphakia Treatment Study, 2004 – 2013
 Member, Strabismus Institute of the National Children’s Eye Care Foundation, 2005-2014
 Member, NIH Toolbox Vision Team, 2007-2010
 Member, Young Investigator Award Review Committee, ARVO, 2012
 Member, Amblyopia Translational Research Alliance (ATRA), 2014-Present

TRAINING

Fellows:

Jeffrey Hunter, MD	1995
Solange Salomão, PhD	1995-1997
Sherry Fawcett, PhD	1997-2000
Maria Pesheva, MD	1998-2000
Brett Jeffrey, PhD	1999-2001
Anna O’Connor, PhD	2001-2002
Rain Bosworth, PhD	2001-2004
Valeria Fu, PhD	2004-2007
James Drover, PhD	2006-2008
Jingyun Wang, PhD	2007-2010
Vidhya Subramanian, PhD	2009-2012
Susan Yanni, PhD	2010-2012
Preethi Thiagarajan, PhD	2013-2014
Simone Li, OD PhD	2012-2015
Krista Kelly, PhD	2014-present

Bridge year interns

Amy McGehee	2001-2002
Christine Borowy	2003
Marianne Hedrick	2004
Amanda Lloyd	2004

Christina Vu	2008-2009
Pooja Patel	2009-2010
Reed Joost	2010-2011
Preetha Swamy	2011-2012
Zainab Muhanna	2012-2013
Angie De La Cruz	2014-2016 (NIH Diversity Supplement Internship)

Summer biomedical science interns:

Nathan Fish	1990
Julia Tyson	1991
Allison Barlow	1992, 1993
Mark Pennesi	1994
Jennifer Hill	1995
Kelly Hicks	1996
Sara Hoffman	1996, 1997
Kimberly Lloyd	1998
Jamie Weems	1999, 2000, 2001, 2002 (Fight for Sight Internship)
Amy McGehee	2001 (Fight for Sight Internship)
Christine Borowy	2003 (Fight for Sight Internship)
Amanda Lloyd	2004 (ExxonMobil Internship)
Christina Cheng	2004 (Fight for Sight Internship)
Mary Goldsmith	2005 (ExxonMobil Internship)
Laura Ellington	2006 (ExxonMobil Internship)
Robert Cousins	2006, 2007 (ExxonMobil Internship)
Christina Vu	2008 (Fight for Sight Internship)
Kristina Karganova	2008 (ExxonMobil Internship)
Andrew Bowman	2009
Diana Catuneanu	2011
Molly Nolan	2012 (ExxonMobil Internship)
Sheridan Jost	2012
Jessica Naert	2012 (UNT Practicum in Rehabilitation Studies)
Angie De La Cruz	2013 (ExxonMobil Internship)
Kelsey Clary	2013 (NIH)
John Gilmore	2014 (ExxonMobil Internship)
Kirby Mateja	2015 (ExxonMobil Internship)