

Curriculum Vitae
David Robert Weakley, Jr., M.D.

General Biographical Information

Office:

Department of Ophthalmology
Children's Medical Center of Dallas
Ambulatory Care Pavilion F6500
1935 Medical District Drive
Dallas, Texas 75235
(214) 456-2385
(214) 456-9088 (fax)
David.Weakley@childrens.com

Education

High School: Highland Park High School
Dallas, Texas
HS Diploma 1976
(Top 5%)

Undergraduate: The University of Texas
Austin, Texas 9/1976-5/1980
B.A. (Plan II Honors Program)
1980 (Cum Laude)

Medical School: The University of Texas Medical Branch
Galveston, Texas
M.D., 1984 (With highest honors - *Top 2%*)
Alpha Omega Alpha graduate

Internship: The University of Texas Medical Branch
Galveston, Texas 7/1984-6/1985
Internal Medicine

Residency: The University of Texas Southwestern Medical Center - Parkland Memorial
And affiliated hospitals Dallas, Texas 7/1985-6/1988
Ophthalmology

Fellowship: Children's Hospital National Medical
Center Washington, D.C. 7/1988-6/1989
Pediatric Ophthalmology and Strabismus

Employment History - Academic Appointments:

University of Texas Southwestern Medical Center
Dallas, Texas

Department of Ophthalmology

Assistant Professor: 7/1/1989 – 8/31/1994

Associate Professor: 9/1/1994 – 8/31/2001

Professor: 9/1/2001-present

Department of Pediatrics

Professor 9/1/2003 - present

Licensure/Board Certification

State of Texas, 1985 (by FLEX examination)
License # G-8493

Board Certified: Diplomate American Board of Ophthalmology (1989)
“Lifetime certification”

Clinical/Administrative Activities

Professor of Ophthalmology and Pediatrics – UTSWMC

Director Pediatric Ophthalmology Service – UTSWMC

Pediatric Ophthalmology Fellowship Director – UTSWMC

Director - Division of Ophthalmology – Children's Medical Center of Dallas

Residency Training Program Director, Department of Ophthalmology – UTSWMC (1995-2002)

Extra-departmental Lecturer in Departments of Pediatrics, Family Practice, and UT Southwestern Medical School

Committee/Professional Activities

Chairman - Vision Subcommittee of the Health Advisory Council, Dallas Independent School District (1990- 1996)

University of Texas southwestern Medical School - admissions committee/interviewer (1992-1994/2012-2013)

Trustee - Retina Foundation of the Southwest (1993 – 2006)

Surgical Peer Review Committee - Children's Medical Center, Dallas (1995-present)

Operating Room Committee – Children’s Medical Center Dallas (2000- present)

Committee/Professional Activities (*continued*)

Children's Medical Center of Dallas Ambulatory Surgery Center Development Committee (2000-2002)

Children's Medical Center of Dallas Ambulatory Surgery Center Steering Committee 2002 - present

Medical Executive Committee (2002) (2007) – Children's Medical Center

Resident Selection Committee, Dept. of Ophthalmology, UTSWMC (1989-present)

Associate Examiner /Test item Writer- American Board of Ophthalmology (1995-present)

American Orthoptic Council – American Ophthalmologic Society Representative (1999 – present)

Scientific Reviewer:

British Journal of Ophthalmology

American Journal of Ophthalmology

Pediatrics

Journal of American Association of Pediatric Ophthalmology and Strabismus

Journal of Pediatric Ophthalmology and Strabismus

Ophthalmic Epidemiology

Archives of Ophthalmology

Ophthalmology

Investigative Ophthalmology and Visual Sciences

Member - Editorial Board – J AAPOS (2003 –2012)

Investigator – *Pediatric Eye Disease Investigator Group* (1995-present)

Steering Committee Member – *Pediatric Eye Disease Investigator Group* – (2004 –2007)

Funded Research (Extramural)

Completed studies

Clinical Examiner - Stop - ROP (Retinopathy of Prematurity) Study (National Eye Institute) - 1996

Clinical Examiner- Light - ROP (Retinopathy of Prematurity) Study (National Eye Institute) 1997-1999

Principle Investigator (Dallas site) Light - ROP (Retinopathy of Prematurity) Study (National Eye Institute) 1998-1999

Completed studies (Continued)

Director - UTSWMC Center - Early Treatment (and Observation) of Congenital Esotropia. Multi-center Trial (National Eye Institute and PEDIG *Pediatric Eye Disease Investigator Group*) 1997-1999

Co-investigator (Director - UTSWMC Center) - Amblyopia Treatment Study (ATS 1-4). Multi-center Trial (National Eye Institute and PEDIG *Pediatric Eye Disease Investigator Group*) 1998-2003

Co-investigator (Director - UTSWMC Center) - Amblyopia Treatment Study (ATS 5). Multi-center Trial (National Eye Institute and PEDIG *Pediatric Eye Disease Investigator Group*) 2002- 2004

Co-investigator – Nasolacrimal Duct Obstruction I and II (National Eye Institute and PEDIG *Pediatric Eye Disease Investigator Group*) 2006 - 2008

Co-investigator – Nasolacrimal Duct Obstruction III (National Eye Institute and PEDIG *Pediatric Eye Disease Investigator Group*) 2009 - 2011

Co-Investigator / Protocol Chairman - Amblyopia Treatment Study - (Atropine and Plano lens in the treatment of amblyopia) (ATS8) (NCT-00315302) (National Eye Institute and PEDIG *Pediatric Eye Disease Investigator Group*) 2008 - 2009

Principle Investigator – A 3 Month, Multicenter, Double-Masked Safety and Efficacy Study of Travoprost Ophthalmic Solution, 0.004% Compared to Timolol (0.5% or 0.25%) in Pediatric Glaucoma Patients 2013 - 2014

Ongoing studies (multicenter)

Co-investigator – Infantile Aphakia Treatment Study (National Eye Institute) 2006 – Present

Publications (investigative/peer reviewed)

1. **Weakley DR**, Parks MM. "Results from 7mm Bilateral Recessions of the Medial Rectus Muscle for Congenital Esotropia." *Ophthalmic Surg* 1990; 21:12, 827-830.
2. **Weakley DR**, Stager DR, Everett M. "Bilateral Seven Millimeter Medial Rectus Recession in Infantile Esotropia." *J Pediatr Ophthalmol Strabismus*. 28:2, 113-115.
3. **Weakley DR**, "Orbital Cellulitis Complicating Strabismus Surgery." *Annals of Ophthalmol* 1991; 23:12, 454-457.
4. Stager DR, **Weakley DR**, Stager DR. "Anterior Transposition of the Inferior Oblique – Anatomic Assessment of the Neurovascular Bundle." *Arch of Ophthalmol*. 1992; 110:3, 360-362.
5. Wheeler D, Stager DR, **Weakley DR**, "Endophthalmitis Following Intraocular Surgery for Pediatric Cataracts and Congenital Glaucoma" *J Pediatr Ophthalmol Strabismus*. 1992; 29:3, 139-141.
6. **Weakley DR**, Urso RD, Luna CD. "Asymmetric Inferior Oblique Overaction and Its Association with Amblyopia in Esotropia" *Ophthalmol*. 1992; 99:4, 590-594,.

Publications (investigative/peer reviewed) (continued)

7. **Weakley DR**, Spencer WB. “Current Concepts in Retinopathy of Prematurity.” *Early Human Development*. 1992; 30 121-138.
8. Stager DR, **Weakley DR**. “A New Temporal Surgical Approach to the Nasal Portion of the Inferior Oblique Muscle.” *Binocul Vis Qtrly*. 1992; 7:4, 211-214.
9. **Weakley DR**, Stager DR. “Surgical Results of Anterior Transposition of the Inferior Oblique Combined with Nasal Myectomy.” *Binocul Vis Qtrly*. 1992; 7:4, 215-218.
10. **Weakley DR**. “Seven Millimeter Medial Rectus Recession in Esotropia.” *Arch of Ophthalmol* 1992; 28:2, 113-114.
11. Stager DR, **Weakley DR**, Frey T, Baker JD, Birch EE. “Office Probing of Congenital Nasolacrimal Duct Obstruction.” *Ophthalmic Surg*. 1992; 23:7, 482-484.
12. **Weakley DR Jr**. “Botulinum treatment of congenital esotropia *Ophthalmology*. 1993 Aug; 100(8):1119
13. **Weakley DR**, Stager DR. “Unilateral Lateral Rectus Recession in Exotropia.” *Ophthalmic Surg* 1993; 24:7, 458-460.
14. Stager Dr, **Weakley DR**. “Delayed Consecutive Exotropia Following 7 mm Medial Rectus Recessions For Congenital Esotropia.” *J Pediatr Ophthalmol Strabismus* 1994; 31:3, 147-150.
15. Wheeler DR, **Weakley DR**, Stager DR. “Asymptomatic Obstruction and Bacterial Colonization of the Nasolacrimal Outflow System in Infancy” *Middle EST J. Ophthalmology* 1994; 2:3, 163-268.
16. **Weakley DR**, Holland D. “The Effect of Ongoing Treatment of Amblyopia on Surgical Outcome in Esotropia”, *J Pediatr Ophthalmol Strabismus* 1997; 34:5, 275-278.
17. Stager Dr, Porter J, **Weakley DR**, Stidham DB. “A Comparative Microscopic Analysis of the Capsule of the Nerve to the Inferior Oblique Muscle”, *TR, Am. Ophth. Soc.* 1997; 95:453-62; discussion 463-5.
18. Birch EE, Stager D, Leffler J, **Weakley DR**. "Early Treatment of Congenital Unilateral Cataract Minimizes Unequal Competition" *IOVS* 1998; 39:9 1560-6.
19. Reynolds J, Hardy RJ, Kennedy KA et al. And the **Light-ROP Cooperative Group**. Lack of Efficacy of Light Reduction in Preventing Retinopathy of Prematurity. *N Engl J Med* 1998; 338 (22): 1572-6.
20. Light-ROP Cooperative Group. (**Weakley DR**) “The Design of the Multi-center Study of Light Reduction in Retinopathy of Prematurity (LIGHT-ROP).” *J Pediatr Ophthalmol Strabismus* 1999; 36:5 257-263.
21. **Weakley DR**. "The Association between Anisometropia, Amblyopia, and Binocularity in the Absence of Strabismus" *Tr Am Ophth Soc* Vol. XCVII, 1999; 997-1021.
22. Shields J, Hogan RN, Shields C, Eagle R, **Weakley DR**. “Intraocular Lacrimal Gland Choristoma Involving Iris and Ciliary Body” *Am J Ophthalmol* 2000;129:5, 673-4.
23. **Weakley DR**, Birch EE. “The Role of Anisometropia in the Development of Refractive Esotropia.” *Tr Am Ophth Soc* Vol 98: 2000; 71-79.

Publications (investigative/peer reviewed) (continued)

24. Hargrave S, **Weakley DR**, Wilson CM. “Ocular Paintball Injuries in Children.” J Pediatr Ophthalmol Strabismus 2000; 27:6: p 338-343.
25. Hargrave S, **Weakley DR**, Wilson C. “Complications of Ocular Paintball Injuries” J Ophthal Nurs Tech 2000; 16:5234-239.
26. **Weakley DR**. The Association between Non-Strabismic Anisometropia, Amblyopia and Subnormal Binocularity.” Ophthalmol 2001; 108:1:163-171.
27. **Weakley DR**, Birch EE, Kip K. The Role of Anisometropia in the Development Accommodative Esotropia. J AAPOS 2001; 5:3:153-157.
28. Jeffrey BG, Birch EE, Stager DR, Stager Jr. DR, **Weakley DR**, “Early Binocular Visual Experience May Improve Binocular Sensory Outcomes In Children After Surgery for Congenital Unilateral Cataract” J AAPOS 2001; 5:4: 209-216.
29. Holmes JM, Beck RW, Repka MX, et al. and the Pediatric Eye Disease Investigator Group (PEDIG) (**Weakley DR**) “The Amblyopia Treatment Study Visual Acuity Testing Protocol” Arch Ophthalmol 2002; 119: 1345-1353.
30. Cole ST, Beck RW, Moke PS, et al., and the Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR** “The Amblyopia Treatment Index.” J AAPOS 2001; 5:4: p250-254.
31. Stager DR, **Weakley DR**, Hunter JS. “Long Term Results of Posterior Capsule Opacification Following Small Incision Foldable Acrylic Intraocular Lens Implantation in Children” J Pediatr Ophthalmol Strabismus 2002; 39:1; 12-17.
32. Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR** “A Randomized Trial of Atropine vs. Patching for Treatment of Amblyopia in Children” Arch Ophthalmol 2002; 120:281-287.
33. Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR** “The Clinical Profile of Moderate Amblyopia in Children Younger Than 7 Years” Arch Ophthalmol 2002;120:281-287.
34. **Weakley DR**, Birch EE, McClatchey SR, et al. “The Association between Myopic Shift and Visual Acuity Outcome in Pediatric Aphakia” J AAPOS 2003; 7:2: 86-90.
35. Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR**. “A Randomized Trial of Patching Regimens for Treatment of Moderate Amblyopia in Children” Arch Ophthalmol 2003; 121:603-611.
36. Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR**. “A Randomized Trial of Prescribed Patching Regimens for Treatment of Severe Amblyopia in Children. Ophthalmol 2003; 110:2075-2087.
37. Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR**. “The Course of Moderate Amblyopia Treated with Patching in Children: Experience of the Amblyopia Treatment Study. Am J Ophthalmol 2003; 136:620-629?
38. Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR**. “The Course of Moderate Amblyopia Treated with Atropine in Children: Experience of the Amblyopia Treatment Study.” Am J Ophthalmol 2003; 136:630-639?

Publications (investigative/peer reviewed) (continued)

39. Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR.** “Impact of Patching and Atropine on the Child and Family in the Amblyopia Treatment Study.” Arch Ophthalmol, 2003; 121:1625-1632.
40. Crnic T, **Weakley DR**, Stager Dr Jr., Felius J, “The Use of the Acrysof Foldable Intraocular Lens for Secondary Implantation in Children.” J AAPOS 2004; 8:151-155
41. Pediatric Eye Disease Investigator Group (**Weakley DR**, Writing Committee). “A Prospective, Pilot Study of Treatment of Amblyopia in Children 10 to <18 Years Old” Am J Ophthalmol 2004; 137:581-583.
42. Birch EE, Felius J, Stager DR, **Weakley DR**, Bosworth RG. “Preoperative Stability of Infantile Esotropia and Alignment and Postoperative Outcome.” Am J Ophthalmol 2004; 138(6): 1003-9.
43. Birch EE, Fawcett S, Morale S, **Weakley DR**, Wheaton DH, “Risk factors for accommodative Esotropia among hypermetropic children.” Invest Ophthalmol Vis Sci 2005; Feb; 46 (2):526-529.
44. Holmes JM, Edwards AR, Beck RW, et.al. And the Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR.** “A Randomized Pilot Study of Near Versus Non-near Activities During Patching Therapy for Amblyopia.” J AAPOS 2005 Apr; 9(2):129-36.
45. Repka MX, Wallace DK, Beck RW, Kraker RT, Birch EE, Cotter SA, Donahue S, Everett DF, Hertle RW, Holmes JM, Quinn GE, Scheiman MM, **Weakley DR**, Pediatric Eye Disease Investigator Group. “Two Year Follow-up of a 6-month Randomized Trial of Atropine vs. Patching for Treatment of Moderate Amblyopia in Children.” Arch Ophthalmol 2005 Feb; 123(2): 149-57.
46. “Randomized Trial of Treatment of Amblyopia in Children Aged 7 to 17 Years.” Arch Ophthalmol. 2005 Apr; 123 (4):437-47.
47. Pediatric Eye Disease Investigator Group (PEDIG) (**Weakley DR–writing committee**) “Primary Treatment of Nasolacrimal Duct Obstruction in Children Less than Four Years Old.” Ophthalmol 2008 March; 115(3): 577-584(3).
48. Adams WE, Leske DA, Hatt SR, Mohny BG, Birch EE, **Weakley DR**, Holmes JM. “Improvement in distance stereoacuity following surgery for intermittent exotropia.” J AAPOS 2008. April (12:2) 141-144
49. Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR** Repka MX, Kraker RT, Beck RW, Holmes JM, Cotter SA, Birch EE, Astle WF, Chandler DL, Felius J, Arnold RW, Tien DR, Glaser SR. “A Randomized Trial of Atropine vs. Patching for Treatment of Moderate Amblyopia: Follow-up at Age 10 years.” Arch Ophthalmol. 2008 Aug; 126(8):1039-44.
50. Pediatric Eye Disease Investigator Group (PEDIG) Repka MX, Melia BM, Beck RW, Atkinson CS, Chandler DL, Holmes JM, Khammar A, Wallace, **Weakley DR Jr.** “Primary Treatment of Nasolacrimal Duct Obstruction with Nasolacrimal Duct Intubation in Children Younger than 4 Years of Age.” J AAPOS. 2008 Oct; 12(5):445-50. Epub 2008 Jul 2.
51. Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR** “A randomized trial of near versus distance activities while patching for Amblyopia in children aged 3 to less than 7 years.” Ophthalmol. 2008 Nov; 115(11):2071-8. Epub 2008 Sep 11.

Publications (investigative/peer reviewed) (continued)

52. Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR** Christiansen SP, Chandler DL, Holmes JM, Arnold RW, Birch E, Dagi LR, Hoover DL, Klimek DL, Melia BM, Paysse E, Repka MX, Suh DW, Ticho BH, Wallace DK, Weaver RG Jr. “Instability of Ocular Alignment in Childhood Esotropia.” Ophthalmol 2008 Dec; 115(12):2266-2274, e4.Epub 2008 Oct 29.
53. Pediatric Eye Disease Investigator Group (PEDIG) (**Weakley DR – writing committee-protocol chairman**) “A Randomized Trial Comparing Atropine to Atropine Plus a Plano Lens for the Sound Eye As Prescribed Treatments for Amblyopia in Children 3 to 7 Years Old.” Arch Ophthalmol 2009; 127:22-30.
54. Birch EE, Cheng C, Stager DR Jr., **Weakley DR**, Stager DR Sr. “The Critical Period for Surgical Treatment of Dense Congenital Bilateral Cataracts.” J AAPOS, 2009 Feb; 13(1): 67-71. Epub 2008 Dec 12.
55. Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR** “Interobserver Reliability of the Prism and Alternate Cover Test in Children with Esotropia.” Arch Ophthalmol. 2009 Jan; 127(1): 59-65. Epub 2009 Jan.
56. Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR** Repka MX, Chandler DL, Holmes JM, Hoover DL, Morse CL, Schloff S, Silbert DI, Tien DR. “Balloon Catheter Dilation and Nasolacrimal Duct Intubation for Treatment of Nasolacrimal Duct Obstruction After Failed Probing.” Arch Ophthalmol. 2009 May; 127(5):633-9.
57. Pediatric Eye Disease Investigator Group (PEDIG) Repka MX, Kraker RT, Beck RW, Birch E, Cotter SA, Holmes JM, Hertle RW, Birch E, Cotter SA, Holmes JM, Hertle RW, Hoover DL, Klimek DL, Marsh-Tootle W, Scheiman MM, Suh DW, **Weakley DR**. “Treatment of Severe Amblyopia with Weekend Atropine: Results from 2 Randomized Clinical Trials.” J AAPOS. 2009 Jun; 13(3): 258-263. Epub June 2009.
58. Pediatric Eye Disease Investigator Group (PEDIG) **Weakley DR** “Repeat Probing for Treatment of Persistent Nasolacrimal Duct Obstruction.” J AAPOS. 2009 July; 13(3): 306-307.
59. Eileen Birch, PhD, Christina Cheng, BS, David Stager, Jr. MD, **David Weakley, Jr., MD**, David Stager, Sr., MD, Letters to the Editor – Reply J AAPOS, 2009 Oct; 13(5): 528. Epub 2009 Oct.
60. The Infant Aphakia Treatment Study: Design and Clinical Measurements at Enrollment, Infant Aphakia Treatment Study Group, Lambert SR, Buckley EG, Drews-Botsch C, Dubois L, Hartmann E, Lynn MJ, Plager DA, Wilson ME, (**Weakley, DR**) Arch Ophthalmol. 2010 Jan; 128(1); 21-7.
61. Aphakia Treatment Study Group, Lambert, SR., Buckley EG, Drews-Botsch C, DuBois L, Hartmann E, Lynn MJ, Plager DA, Wilson ME, (**Weakley, DR**) A randomized clinical trial comparing contact lens with intraocular lens correction of monocular Aphakia during infancy; grating acuity and adverse events at age 1 year. Arch Ophthalmol. 2010 Jul; 128(7); 810-8. Epub 2010 May 10
62. “Trends in Surgical Correction of Strabismus: A Twenty – Year Experience 1990-2009” J AAPOS, Dabes EMP, **Weakley DR, MD**, MD, Eileen Birch, PhD, 2011 Jun 14

Publications (investigative/peer reviewed) (continued)

63. Randomized trial to evaluate combined patching and atropine for residual amblyopia, **Pediatric Eye Disease Investigator Group (PEDIG)** Writing Committee, Wallace DK, Kraker RT, Beck RW, Cotter SA, Davis PL, Holmes JM, Repka MX, Suh DW. Arch Ophthalmol. 2011 Jul;129(7):960-2.
64. Stereoacuity in children with anisometropic amblyopia, **JAAPOS**, Wallace DK, Lazar EL, Melia M, Birch EE, Holmes JM, Hopkins KB, Kraker RT, Kulp MT, Pang Y, Repka MX, Tamkins SM, Weise KK; **Pediatric Eye Disease Investigator Group**. 2011 Oct;15(5):455-61
65. Infant Aphakia Treatment Study; effects of persistent fetal vasculature on outcome at 1 year of age, J AAPOS Morrison, DG, Wilson ME, Trivedi RH, Lambert SR, Lynn MJ; **Infant Aphakia Treatment Study Group**. 2011 Oct;15(5); 427-31
66. Complications, adverse events, and additional intraocular surgery 1 year after cataract surgery in the infant Aphakia Treatment Study, Ophthalmology, Plager DA, Lynn MJ, Buckley EG, Wilson ME, Lambert SR; **Infant Aphakia Treatment Study Group**, 2011 Dec;118(12);2330-4
67. Glaucoma-related adverse events, in the infant Aphakia Treatment Study: 1-year results, Arch Ophthalmol, Beck AD, Freedman SF, Lynn MJ, Bothun E, Neely DE, Lambert SR; **Infant Aphakia Treatment Study Group**, 2012 Mar;130(3):300-5
68. Predictability of intraocular lens calculation and early refractive status; the Infant Aphakia Treatment Study, Arch Ophthalmol, VanderVeen DK, Nizam A, Lynn MJ, Bothun ED, McClatchey SK, **Weakley DR**, Dubois LG, Lambert SR, 2012 Mar;130(3):293-9
69. Predictors of adherence to occlusion therapy 3 months after cataract extraction in the Infant Aphakia Treatment Study, J AAPOS, Drews-Botsch CD, Hartmann EE, Celano M: **Infant Aphakia Treatment Study Group**, 2012 Apr; 16(2):150-5
70. Adherence to occlusion therapy in the first six months of follow-up and visual acuity among participants in the Infant Aphakia Treatment Study (IATS), Drews-Botsch CD, Hartmann EE, Celano M: **Infant Aphakia Treatment Study Group**, 2012 Jun 5;53(7):3368-75
71. The infant Aphakia treatment study contact lens experience: one-year outcomes. Russell B, Ward MA, Lynn M, Dubois L, Lambert SR; **Infant Aphakia Treatment Study Group**. Eye Contact Lens. 2012 Jul;38(4):234-9
72. Axial elongation following cataract surgery during the first year of life in the Infant Aphakia Treatment Study, Lambert SR, Lynn MJ, DuBois LG, Cotsonis GA, Hartmann EE, Wilson, ME; **Infant Aphakia Treatment Study Group**. Invest Ophthalmol Vis Sci. 2012 Nov 7;53(12):7539-45
73. A randomized trial comparing the cost-effectiveness of 2 approaches for treating unilateral nasolacrimal duct obstruction, **Pediatric Eye Disease Investigator Group**, Arch Ophthalmol. Dec 2012;130 (12): 1525-1533
74. Cost of intraocular lens versus contact lens treatment after unilateral congenital cataract surgery; retrospective analysis at age 1 year, Carrigan AK, DuBois LG, Becker ER, Lambert SR; **Infant Aphakia Treatment Study Group**. Ophthalmology. 2013 Jan;120(1);14-9
75. Fixation instability in anisometropic children with reduced stereopsis, Birch EE, Subramanian V, **Weakley DR**. JAAPOS, 2013 June;17(3):287-90.

Publications (investigative/peer reviewed) (continued)

76. Surgical results after one-muscle recession for correction of horizontal sensory strabismus in children J AAPOS, Hopker LM, **Weakley DR**, 2013 April; 17:174-176
77. Predictability of intraocular lens power calculation formulae in infantile eyes with unilateral congenital cataract; results from the Infant Aphakia Treatment Study. Vanderveen DK, Triviedi RH, Nizam A, Lynn MJ, Lambert SR; **Infant Aphakia Treatment Study Group**. Am J Ophthalmol. 2013 Dec; 156(6): 1252-1260 e2. Epub 2013 Sep 4.
78. Office probing for treatment of nasolacrimal duct obstruction in infants. Miller AM, Chandler DL, Repka MX, Hoover DL, Lee KA, Melia M, Rychwalski PJ, Silbert DI; Pediatric Eye Disease Investigator Group, Beck RW, Crouch ER 3rd, Donahue S, Holmes JM, Quinn GE, Sala NA, Schloff S, Wallace DK, Foster NC, Frick KD, Golden RP, Lambert SR, Tien DR, Weakley DR Jr, J AAPOS, 2014 Feb; 18(1); 26-30
79. Dexamethasone intravitreal implant (Ozurdex) for the treatment of pediatric uveitis. Bratton ML, He YG, Weakley DR. JAAPOS, 2014 Apr,18(2);110-3
80. A novel de novo KIF21A mutation in a patient with congenital fibrosis of the extraocular muscles and Mobius syndrome. Ali Z, Xing C, Anwar D, Itani K, Weakley D, Gong X, Pascual JM, Mootha VV. Mol Vis. 2014 Mar 28;20:368-75 eCollection 2014
81. Intraocular pressure in pediatric patients during prone surgery, Szmuk P, Steiner JW, Pop RB, You J, Weakley DR Jr, Swift DM, Sessler DI. Anesth Analg. 2013 Jun; 116(6): 1309-13
82. Fixation instability in anisometropic children with reduced stereopsis, JAAPOS, Birch EE, Subramanian V, **Weakley DR** 2013 June:17(3):287-90
83. One-year strabismus outcomes in the Infant Aphakia Treatment Study. Bothun ED, Cleveland J, Lynn MJ, Christiansen SP, Vanderveen DK, Neely DE, Kruger SJ, Lambert SR; **Infant Aphakic Treatment Study**. Ophthalmology. 2013 Jun;120(6):1227-31.

Publications (Book Chapters, Invited Articles, Letters)

Stager DR, Birch EE, **Weakley DR**. "Amblyopia and the Pediatrician: Pediatric Annals, 1990; 19:5, 301-315.

Weakley DR, Stager, DR. "Surgery and Botulinum in Strabismus Therapy" Current Opinion in Ophthalmol 1991, 2:708-713.

Weakley DR, Stager DR. "Inferior Oblique Weakening Procedures." International Ophthalmology Clinics. 1992; 5:1, 57-65.

Weakley DR, "Botulinum Treatment of Congenital Esotropia" Ophthalmol 1993; 100:8, 1119.

Weakley DR, Stager DR, Stager DR. "Brown Syndrome" Clinical Strabismus Management Santiago & Rosenbaum Editors, W.B. Saunders Company. 1999.

Stager Dr, Elliott D, **Weakley DR**. "Oblique Muscle Surgery" Ophthalmic Surgery Principles and Techniques, Daniel M. Albert, Editor, Blackwell Science Publisher 1999.

Weakley DR. "Visual deficits in School-Age Children" School Health Alert 2001 Oct; p1-4

Publications (Book Chapters, Invited Articles, Letters) (continued)

Weakley DR. “Monofixation Syndrome and Anisometropia” (letter) Ophthalmol 2001; 108:12:p2-3.

Weakley DR. Management of Patients With Thyroid Myopathy: case corner. American Orthoptic Journal 2002; 52:117-119.

Weakley Jr., DR, et al. “Pediatric Ophthalmology and Strabismus Surgery”. Clinical Atlas of Procedures in Ophthalmic Surgery. Albert and Lucarelli Editors. AMA Press 2004

Stager DR, Jr. Beauchamp CL, **Weakley DR,** Felius J, Wang X. “In reply”. J AAPOS. 2007 Oct; 11 (5):526-7. PMID: 17933678 [PubMed - in process]

Weakley DR. Editorial: American Orthoptic Journal 2009; 59:vi-vii:

Weakley DR. Surgical Management of Childhood Intermittent Exotropia: American Orthoptic Journal 2009; 59:31-34.

Weakley DR, Editorial: American Orthoptic Journal 2010; 60:vi:

Weakley DR, Granet DB, et al editors, Hyphema, dacryocystitis, orbital fracture in challenging cases in pediatric ophthalmology, American Academy of Pediatrics 2012.

Weakley DR, Moto E, The accommodative esotropia in pediatric ophthalmology and strabismus, Hoyt CS & Taylor D editors, Elsevier Saunders published 2013

Abstracts/Courses/Posters/Invited Lectures (Extramural)

Weakley, DR "Penetrating Injuries of the Globe." (**peer reviewed presentation**) *Texas Chapter of the American College of Surgeons*, Dallas, Texas. March 6, 1987.

Weakley DR, Stager DR "Bilateral Medial Rectus Recessions in infantile Esotropia." (**peer reviewed presentation**) *American Association of Pediatric Ophthalmology & Strabismus*, Annual Meeting. Kiowa South Carolina. April 1989.

Weakley DR, "Traumatic Cranial Nerve Palsies Diagnosis and Management." (**invited lecture**) *The Fifth Annual National Eye Trauma Symposium*, Dallas, TX, April 19, 1990.

Weakley DR, "Office Evaluation of Pediatric Ocular Conditions", (**invited lecture**) *Texas Family Practice Association*, Annual Meeting, Dallas, TX, August, 1991.

Weakley DR, Parks MM “Results from 7mm Bimedial Recessions of the Medial Rectus Muscle for Congenital Esotropia.” (**peer reviewed presentation**) *American Association of Pediatric Ophthalmology and Strabismus*, Annual Meeting, August 1990.

Weakley DR, "Congenital Esotropia" (**invited lecture**) *Texas Medical Association*, Annual Meeting - Austin, Texas 1990.

Weakley DR, Wheeler DR. "Endophthalmitis following Pediatric Cataract and Glaucoma Procedures." (**poster**) *American Association of Pediatric Ophthalmology and Strabismus*, Annual Meeting, May 1991.

Weakley DR, Wheeler D “Asymptomatic Nasolacrimal Duct Obstruction in Infancy” (**poster**) *American Association of Pediatric Ophthalmology and Strabismus*, Annual Meeting 1991.

Abstracts/Courses/Posters/Invited Lectures (Extramural) (continued)

- Weakley DR**, "Current Concepts in Retinopathy of Prematurity", (**invited lecture**) *Children's Medical Center, Grand Rounds*, Dallas, TX April, 1991.
- Weakley DR**, "Office Evaluation of Pediatric Ocular Conditions", (**invited lecture**) *Texas Family Practice Association*, Annual Meeting, Dallas, TX, August, 1991.
- Weakley DR**, "Sensory Adaptations in Strabismus" (**invited lecture**) *Tarrant County Ophthalmologic Society*, October 1991
- Weakley DR**, "Traumatic Hyphema in Children" (**peer reviewed presentation**) *Association for Research in Vision and Ophthalmology*, Annual Meeting, May 1992.
- Weakley DR**, Stager D, Elliot D, "Techniques of Inferior Oblique Surgery" (**course**), *American Academy of Ophthalmology*, Annual Meeting, 1993.
- Weakley DR**, Bloomenfeld D, "The Effects of Anisometropia on Stereopsis and Bifixation" (**poster**) *Association for Research in Vision and Ophthalmology*, Annual Meeting 1993.
- Weakley DR**, Stager DR, Elliot D, "Inferior Oblique Surgery" (**course**), *American Academy of Ophthalmology*, Annual Meeting, 1994.
- Weakley DR**, "Current concepts in Inferior oblique surgery" (**invited lecture**) *Texas Medical Association*, Annual Meeting, 1994.
- Weakley DR**, Stager DR "Current Concepts in Inferior Oblique Surgery" (**course**), *American Academy of Ophthalmology*, Annual Meeting, 1995.
- Weakley DR**, "Extraocular Muscles - Structure and Function" - *University of Texas at Houston*, Basic Science **Course** - January 1995.
- Weakley DR**, Holland D, "The Effect of Amblyopia on the Success of Bimedial Rectus Recession in Esotropia". (**peer reviewed presentation**) *American Association of Pediatric Ophthalmology and Strabismus*, Annual Meeting Snowbird, UT, March 1996.
- Weakley DR**, Stager DR "Inferior Oblique Surgery, Pearls and Pitfalls" (**course**), *American Academy of Ophthalmology*, Annual Meeting, 1996).
- Weakley DR**, "Extraocular Muscle Anatomy" *University of Texas at Houston*, Basic Science **Course** - January 1996.
- Weakley DR**, "Common Pediatric Ocular Problems", (**invited lecture**) *Texas Pediatric Society*, Annual Meeting, Dallas, TX, October 1996.
- Weakley DR**, "Superior Oblique Surgery" (**invited lecture**) *XXI Pan American Congress of Ophthalmology*, Cancun, Mexico May 4, 1997.
- Weakley DR**, "Extraocular Muscles - Structure and Function" *University of Texas at Houston*, Basic Science **Course** - January 1997.
- Weakley DR**, Hogan RN, Hsu J, "Congenital Ciliochoroidal Melanoma" (**poster**) *Association for Research in Vision and Ophthalmology*, Annual meeting, May 1997.

Abstracts/Courses/Posters/Invited Lectures (Extramural) (continued)

Stager DR, **Weakley DR**, “Posterior Capsule Opacification Following Acrylic Intraocular Lens Implantation in Children” Association for *Pediatric Ophthalmology and Strabismus*. (**peer reviewed presentation**) Annual Meeting. Palm Springs, Ca. April 1998.

Weakley DR, "Congenital Ocular Malformations" (**invited lecture**) *Children's Medical Center of Dallas*, Grand Rounds, May 1998.

Weakley DR, "Ophthalmology for the Pediatrician (**invited lecture**) *The Third Annual Haltalin Pediatric Conference*, April 1999, Dallas, TX.

Weakley DR, "Surgery for Infantile Esotropia" (**invited lecture**) *Combined meeting of American Academy of Ophthalmology and XXII Pan American Congress of Ophthalmology*. Orlando, FL, October 26, 1999.

Stager DR, **Weakley DR**, Hunter JS. “Long Term Results of Posterior Capsule Opacification Following Small Incision Foldable Acrylic Intraocular lens implantation in children” (**peer reviewed presentation**) *American Association of Pediatric Ophthalmology and Strabismus*. Annual meeting, San Diego, Ca. April 2000.

Birch EE, Fawcett SL, **Weakley DR**. Risk Factors for Accommodative Esotropia among Hypermetropic Children. (**abstract**) *Association for Research in Vision and ophthalmology*, Annual meeting, May 2000.

Weakley DR, Birch EE. “The Effect of Anisometropia in the Development of Accommodative Esotropia” (**peer reviewed presentation**) *American Ophthalmologic Society*, Annual meeting, May 2000.

Weakley DR, Ellis G, Freeman R, Jenkins R, Arnoldi K, “Enhancing Strabismus Surgical Success: Adult and Child Pre-op Sensory Testing and Post-Op Manipulations and Why They Work.” (**workshop**) The American Association for Pediatric Ophthalmology and Strabismus 28th Annual Meeting: Seattle, Washington; March 22, 2002.

Weakley DR, Birch EE, McClatchey SK, et.al. “The Association between Myopic Shift and Visual Acuity Outcome in Pediatric Aphakia.”(**peer reviewed presentation**) The American Association for Pediatric Ophthalmology and Strabismus 28th Annual Meeting; Seattle, Washington; March 23, 2002.

Weakley DR, “History and Current Management of Inferior Oblique Dysfunction” (**invited visiting professor**) Dept of Ophthalmology - Busch Eye Institute, Saint Louis University September 19, 2003.

Weakley DR, “Pediatric Intraocular Lens Implantation- The State of the Art” (**invited visiting professor**) Saint Louis Ophthalmologic Society, September 19, 2002.

Weakley DR “Strabismus following trauma” **Co-Chair** – Sunday Night Symposium – Annual Meeting of the American Academy of Ophthalmology, November 16, 2003. Anaheim, Ca.

Weakley DR “Management of Pediatric Ocular Infections” Texas Pediatric Society Annual Meeting, September 10, 2004. Dallas, Texas

Abstracts/Courses/Posters/Invited Lectures (Extramural) (continued)

Weakley DR “Update on the use of topical ocular medications in children” (**instructional course**) American Academy of Ophthalmology/American Association of Certified Orthoptists Annual Meeting. October 23, 2004. New Orleans, Louisiana.

Weakley DR “Tearing, Ptosis, and Tumors. Management of Pediatric Ocular Adnexal Abnormalities” (**invited lecture**) Children’s Medical Center of Dallas Grand Rounds April 14, 2005

Weakley DR “Update on the use of topical ocular medications in children” (**instructional course**) American Academy of Ophthalmology / American Association of Certified Orthoptists Annual Meeting. October 17, 2005. Chicago, Illinois

Weakley DR “Update on Pediatric Intraocular Lenses” (**instructional course**) American Academy of Ophthalmology Annual Meeting, October 18, 2005. Chicago, Illinois.

Stager DR, **Weakley DR.** (**peer-reviewed presentation**) “Early results with Implantation of the Acrysof Natural Lens in Children” American Association for Pediatric Ophthalmology and Strabismus. 2006 Annual Meeting, March 16, 2006 Keystone, Colorado

Weakley DR, "Update on Screening for Amblyopia and Strabismus (**invited lecture**) *The Thirty-eighth Annual Hattalin Pediatric Conference*, March 31, 2006, Dallas, TX.

Weakley DR “Vascular Tumors of the Orbit and Ocular Adnexa” (**invited lecture**) American Academy of Ophthalmology annual meeting, November 11, 2007. New Orleans, LA.

Dabes EM, **Weakley DR,** Birch E, Demographic Trends in Surgical Correction of Early-Onset Esotropia: A Twenty Year Experience 1990-2009 (**peer reviewed presentation**), American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, April 14, 2010 Orlando, Florida

Weakley DR, et al, “Double Trouble: Tips and Pearls for Prevention and Management of Pre- and Post- Operative Diplopia” (**instructional course**) American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, April 14, 2010 Orlando, Florida

Outcomes of Open Globe Ocular Injuries in Children from 2000-2009 at Children’s Medical Center, Dallas, Texas Lori Dao M.D., Serena Wang M.D., **Weakley DR, M.D.,** Philip Lieu Department of Ophthalmology, the University of Texas Southwestern Medical Center (**poster**) American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, April 14, 2010 Orlando, Florida

Weakley DR. Propanolol for the treatment of infantile capillary hemangiomas. XVIII Congreso Latinoamericano de Estrabismo, (**invited lecture**) Cancun, Mexico Nov 24, 2010

Weakley DR. Management of Pediatric Cataracts; American Association for Pediatric Ophthalmology and Strabismus Symposium V Congresso Brasileiro de Estrabismo E oftalmologia Pediatrica Ouro Preto, (**invited lecture**) Brazil June 11, 2011

Weakley DR. Advances in Pediatric Ophthalmology and Strabismus, American Association for Pediatric Ophthalmology and Strabismus Symposium V Congresso Brasileiro de Estrabismo E oftalmologia Pediatrica Ouro Preto, (**invited lecture**) Brazil June 11, 2011

Abstracts/Courses/Posters/Invited Lectures (Extramural) (continued)

Weakley DR. Anomalous Head Postures; American Association for Pediatric Ophthalmology and Strabismus Symposium V Congresso Brasileiro de Estrabismo E oftalmologia Pediatrica Ouro Preto, (**invited lecture**) Brazil June 11, 2011

Weakley DR. “Advances in the Management of Pediatric Vascular Disorders”, (**invited lecture**) *Children's Medical Center Dallas*, Grand Rounds, September 2011.

Hopker LM, **Weakley DR**, Comparison of surgical success rates in one muscle recession vs. recession/resection procedures for corrections of sensory strabismus. (**poster**), American Association for Pediatric Ophthalmology and Strabismus Annual meeting, San Antonio, TX March 24-28, 2012

Bratton M, He Yu-Guang, Weakley DR, Dexamethasone Intravitreal Implant (Ozurdex) in Pediatric Uveitis, Poster American Association for Pediatric Ophthalmology and Strabismus Annual Meeting, Boston, Ma, (**poster**) April 9-12, 2013

Weakley DR, Michael Lynn MS, Deborah Vanderveen MD, Scott Lambert MD, and the Infant Aphakia Treatment Study Group, Refractive change after intraocular lens implantation in infancy; Three year follow-up, (**poster**) American Academy of Ophthalmology Annual Meeting, New Orleans, La, November 16-19, 2013

Weakley DR, S Lynn MS, Vanderveen D, Lambert S, and the Infant Aphakia Treatment Study Group, Refractive change after intraocular lens implantation in infancy; Three year follow-up from the Infant Aphakia Treatment Study, Emory University School of Medicine, International Congenital Cataract Symposium, (**invited lecture**) New York, NY, March 7, 2014

Weakley DR, Office Ophthalmology for the Pediatrician, Pediatric Grand Rounds Children's Medical Center, (**invited lecture**) Dallas, TX, May 7, 2014

Honors, Awards, Recognitions

Cum Laude Graduate (Plan II –Honors) - University of Texas at Austin 1980

Summa cum laude Graduate - University of Texas Medical Branch 1984

Mu Delta honorary medical society 1982-1984

Alpha Omega Alpha (The University of Texas Medical Branch, 1983)

Edward Randall Medal for Academic Excellence (University of Texas Medical Branch), 1984
Outstanding Intern University of Texas Medical Branch Hospitals (1985)

D Magazine “Dallas’ Top Doctors” 1992, 1997, 2002, 2004, 2008, 2010, 2012

Texas Monthly “Texas Super Doctors” 2007, 2008, 2009, 2010, 2011, 2012

American Ophthalmologic Society, Member since 1999

Pediatric Cataract and Glaucoma Family Association Research Award – 2002

Distinguished Alumni, Department of Ophthalmology, UT Southwestern Medical School, 2012

Professional Organization Memberships

American Ophthalmologic Society - Member
Association for Research in Vision and Ophthalmology - Member
American Academy of Ophthalmology – Fellow
American Association of Pediatric Ophthalmology and Strabismus – Member
Pan-American Ophthalmologic Society - Member
Texas Medical Association - Member
Texas Ophthalmologic Association – Member
Texas Society of Pediatric Ophthalmologists – Member
Dallas County Medical Society – Member
Costenbader Society (Fellows of Dr. Marshall M.Parks, MD)

Current Hospital Medical Staff Appointments

Children's Medical Center, Dallas, Texas
Scottish Rite Hospital for Crippled Children, Dallas, Texas
Parkland Memorial Hospital, Dallas, Texas
St. Paul Hospital, Dallas, Texas
Zale-Lipshy University Hospital, Dallas, Texas
V.A. Medical Center, Dallas, Texas