

**Contact Information:**

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**Education:**

1995 – 1997	Postdoctoral Fellowship, Retina Foundation of the Southwest, Dallas, TX
1994	PhD, Visual Psychophysics (Faculty of Medicine), University of Amsterdam, The Netherlands Supervisors: H. Spekreijse, PhD and E.L. Greve, MD, PhD. Doctoral thesis: <i>Functional damage in early glaucoma. Psychophysical studies</i>
1990	BS, Physics, Leiden University, Leiden, The Netherlands

**Employment / Positions held:**

09/06 – present	Director, Mary C. Crowley Laboratory for Vision Disorders, Retina Foundation of the Southwest, Dallas, TX
01/06 – present	Associate Research Scientist, Retina Foundation of the Southwest
01/04 – 12/05	Assistant Research Scientist, Retina Foundation of the Southwest
06/00 – 12/03	Adjunct Research Scientist, Retina Foundation of the Southwest
04/02 – present	Adjunct Assistant Professor of Ophthalmology, University of Texas Southwestern Medical Center at Dallas, TX
01/10 – present	Consultant, Pediatric Ophthalmology and the Center for Adult Strabismus, Dallas, TX
04/00 – 12/09	Research Director, Pediatric Ophthalmology and the Center for Adult Strabismus, Dallas, TX
01/98 – 02/00	Research Investigator, Department of Ophthalmology and Visual Sciences, University of Michigan, Ann Arbor, MI

**Memberships:**

1993 – present	Association for Research in Vision and Ophthalmology (ARVO)
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Awards:

- 1996 Travel Grant, International Perimetric Society  
1999 John W. Kluge Research Fellow 1999-2000, The Foundation Fighting Blindness

Trainees / Interns:

- 2004 Amanda Lloyd (UT Arlington), ExxonMobil Community Summer Jobs Program  
2009 Andrew Bowman (Highland Park HS), RFSW Summer Intern

Service & Other Activities:

- 1999 Co-organizer, Symposium on *Visual Function Testing and Clinical Trial Endpoints*. Ann Arbor, MI, December 9-10, 1999; The Foundation Fighting Blindness  
2000 – 2009 Site Coordinator, Pediatric Eye Disease Investigator Group (PEDIG): *Amblyopia Treatment Studies (ATS1–9; A10–11); Esotropia Treatment Study (ETS1); Nasolacrimal Duct Obstruction Studies (NLD1–2)*  
2001 – 2009 Site Coordinator, *Infant Aphakia Treatment Study*  
2005 – 2007 Member, Steering Committee, *Infant Aphakia Treatment Study*  
2005 – 2006 Member, Manuscript Writing Committee, *PEDIG-ATS5*  
2006 – 2009 Member, Manuscript Writing Committee, *PEDIG-ATS1-Extension study*  
2006 – 2008 Member, Manuscript Writing Committee, *PEDIG-ATS7*  
2006 – present Consultant, Outcomes and Policy Committee, American Association for Pediatric Ophthalmology and Strabismus (AAPOS)  
2007 – 2009 Member, Manuscript Writing Committee, *PEDIG-ATS9*  
2007 – present Member, Manuscript Writing Committee, *Amblyopia Treatment Index*  
2007 – present Editorial Board Member, Strabismus

Reviewer for Scientific Journals (past & present):

American Journal of Ophthalmology; Archives of Ophthalmology; Current Eye Research; Developmental Medicine and Child Neurology; Graefe's Archive for Clinical and Experimental Ophthalmology; Indian Journal of Ophthalmology; Investigative Ophthalmology and Visual Science (IOVS); Journal of AAPOS; Journal of Vision; Ophthalmic and Physiological Optics; Ophthalmology; Optometry and Vision Science; Strabismus; Vision Research

Grant Reviewer:

NIHR (UK)

### Invited Presentations:

1. Felius J. Vision-related quality of life as an outcome in pediatric ophthalmology research. Second Rotterdam Amblyopia Meeting, Rotterdam, The Netherlands, February 22, 2007.
2. Felius J, van de Graaf E. The use of quality-of-life instruments in pediatric ophthalmology and amblyopia research. (Workshop.) Second Rotterdam Amblyopia Meeting, Rotterdam, The Netherlands, February 22, 2007.
3. Felius J. Eye movements and visual function in infants and young children with nystagmus. 7th World Symposium on Ocular Albinism, Vision of Children Foundation, San Diego, CA, May 30-June 1, 2009.
4. Felius J. Measuring nystagmus in infants and young children. Second International Nystagmus Research Workshop, Nystagmus Network, Abingdon, UK, September 2-5, 2009.

### Recent Publications:

1. Stager DR Jr, Wang X, Weakley DR Jr, Felius J. The effectiveness of Nd:YAG laser capsulotomy for the treatment of posterior capsule opacification in children with acrylic IOLs. *J AAPOS* 2006;10:159-63.
2. Wallace DK; Pediatric Eye Disease Investigator Group; Edwards AR, Cotter SA, Beck RW, Arnold RW, Astle WF, Barnhardt CN, Birch EE, Donahue SP, Everett DF, Felius J, Holmes JM, Kraker RT, Melia M, Repka MX, Sala NA, Silbert DI, Weise KK. A randomized trial to evaluate 2 hours of daily patching for strabismic and anisometropic amblyopia in children. *Ophthalmology* 2006;113:904-12.
3. Cotter SA; Pediatric Eye Disease Investigator Group; Edwards AR, Wallace DK, Beck RW, Arnold RW, Astle WF, Barnhardt CN, Birch EE, Donahue SP, Everett DF, Felius J, Holmes JM, Kraker RT, Melia M, Repka MX, Sala NA, Silbert DI, Weise KK. Treatment of anisometropic amblyopia in children with refractive correction. *Ophthalmology* 2006;113:895-903.
4. Beauchamp CL, Beauchamp GR, Stager DR Sr, Brown GC, Brown MM, Felius J. The cost-utility of strabismus surgery in adults. *J AAPOS* 2006;10:394-9.
5. Felius J, Beauchamp GR, Stager DR Sr, van de Graaf ES, Simonsz HJ. The Amblyopia and Strabismus Questionnaire: English translation, validation and subscales. *Am J Ophthalmol* 2007;143:305-10.
6. Ela-Dalman N, Velez FG, Felius J, Stager DR Sr, Rosenbaum AL. Inferior oblique muscle fixation to the orbital wall: a profound weakening procedure. *J AAPOS* 2007;11:17-22.
7. Hussein MA, Stager DR Sr, Stager DR Jr, Beauchamp GR, Felius J. Anterior and nasal transposition of the inferior oblique muscles in patients with missing superior oblique tendons. *J AAPOS* 2007;11:29-35.
8. Beauchamp CL, Stager DR Jr, Weakley DR Jr, Wang X, Felius J. Surgical findings with the tinted AcrySof intraocular lens in children. *J AAPOS* 2007;11:165-8.
9. Cotter SA, Edwards AR, Arnold RW, Astle WF, Barnhardt CN, Beck RW, Birch EE, Donahue SP, Everett DF, Felius J, Holmes JM, Kraker RT, Melia BM, Repka MX, Wallace DK, Weise KK; Pediatric Eye Disease Investigator Group. Treatment of strabismic amblyopia with refractive correction. *Am J Ophthalmol* 2007;143:1060-3.
10. Birch EE, Cheng CS, Felius J. Validity and reliability of the Children's Visual Function Questionnaire (CVFQ). *J AAPOS* 2007;11:473-9.

11. Wallace DK, Chandler DL, Beck RW, Arnold RW, Bacal DA, Birch EE, Felius J, Frazier M, Holmes JM, Hoover D, Klimek DA, Lorenzana I, Quinn GE, Repka MX, Suh DW, Tamkins S; Pediatric Eye Disease Investigator Group. Treatment of bilateral refractive amblyopia in children three to less than 10 years of age. *Am J Ophthalmol* 2007;144:487-96.
12. Drover JR, Felius J, Cheng CS, Morale SE, Wyatt L, Birch EE. Normative pediatric visual acuity using single surrounded HOTV optotypes on the Electronic Visual Acuity Tester following the Amblyopia Treatment Study protocol. *J AAPOS* 2008;12:145-9.
13. Repka MX, Kraker RT, Beck RW, Holmes JM, Cotter SA, Birch EE, Astle WF, Chandler DL, Felius J, Arnold RW, Tien DR, Glaser SR; Pediatric Eye Disease Investigator Group. A randomized trial of atropine versus patching for treatment of moderate amblyopia: follow-up at age 10 years. *Arch Ophthalmol* 2008;126:1039-44.
14. Scheiman MM, Hertle RW, Kraker RT, Beck RW, Birch EE, Felius J, Holmes JM, Kundart J, Morrison DG, Repka MX, Tamkins SM; Pediatric Eye Disease Investigator Group. Patching vs atropine to treat amblyopia in children aged 7 to 12 years: a randomized trial. *Arch Ophthalmol* 2008;126:1634-42.
15. Holmes JM, Strauber S, Quinn GE, Cole SR, Felius J, Kulp M; Pediatric Eye Disease Investigator Group. Further validation of the Amblyopia Treatment Index parental questionnaire. *J AAPOS* 2008;12:581-4.
16. Pieh C, Fronius M, Chopovska Y, Pepler L, Klein M, Luchtenberg M, Lagrèze WA, Felius J. Fragebogen zum Kindlichen Sehvermögen (FKS) - die deutsche Version des "Children's Visual Function Questionnaire", ein Instrument zur Erfassung der Lebensqualität sehbeeinträchtigter Kinder. *Der Ophthalmologe* 2009;106:420-6.
17. van de Graaf ES, Felius J, van Kempen-du Saar H, Looman CWN, Passchier J, Simonsz HJ. Construct validation of the Amblyopia and Strabismus Questionnaire (A&SQ) by factor analysis. *Graefe's Arch Clin Exp Ophthalmol* 2009;247:1263-8.
18. Stager DR Jr, Felius J, Beauchamp GR. Cost assessment of congenital unilateral cataract care. (Letter to the editor.) *Ophthalmology* 2009;116:2484.
19. Hertle RW, Felius J, Yang D, Kaufman M. Eye muscle surgery for infantile nystagmus syndrome in the first two years of life. *Clin Ophthalmol* 2009;3:615-24.
20. Felius J, Locke KG, Hussein MA, Stager DR Jr, Stager DR Sr. Photographic assessment of changes in torsional strabismus. *J AAPOS* 2009;13:593-5.
21. Wang J, Wyatt LM, Felius J, Stager DR Sr, Stager DR Jr, Birch EE, Bedell HE. Onset and progression of with-the-rule astigmatism in children with infantile nystagmus syndrome. *IOVS* 2010;51:594-601.
22. Kelderman H, Felius J, Passchier J. Rasch analysis for QoL questionnaires. (Letter to the editor) *IOVS*, in press.
23. Fu VLN, Felius J, Hertle RW, Birch EE. Visual acuity development of children with infantile nystagmus syndrome. *IOVS*, revisions under review.
24. Felius J, Chandler DL, Holmes JM, Chu RH, Cole SR, Hill M, Huang K, Kulp MT, Lazar EL, Matta NS, Melia M, Wallace D. Evaluating the burden of amblyopia treatment from the parent and child's perspective. *J AAPOS*, in revision.
25. Roefs AMJ, Tjiam AM, Loudon SE, Looman CWN, Simonsz-Toth B, Fronius M, Felius J, Simonsz HJ. Wearing comfort and mechanical properties of eye patches and the

influence on compliance; a randomised controlled trial comparing four brands in the treatment of amblyopia. *Graefe's Arch Clin Exp Ophthalmol*, submitted.

Recent Abstracts:

1. Felius J, van de Graaf ES, Beauchamp GR, Stager DR Sr, Beauchamp CL, Simonsz HJ. Introducing the ASQE: the English version of the Amblyopia and Strabismus Questionnaire. AAPOS, March 2006, Keystone, CO.
2. Beauchamp CL, Beauchamp GR, Felius J, Stager DR Sr, Brown GC, Brown MM. The cost-utility of strabismus surgery in adults. AAPOS, March 2006, Keystone, CO.
3. Hussein MA, Stager DR Sr, Stager DR Jr, Beauchamp GR, Felius J. Anterior and nasal transposition of the inferior oblique in patients with isolated superior oblique tendon absence. AAPOS, March 2006, Keystone, CO.
4. Stager DR Jr, Weakley DR Jr, Wang X, Felius J, Beauchamp CL. Acrysof 'Natural' intraocular lens implantation in children. AAPOS, March 2006, Keystone, CO.
5. Ela-Dalman N, Velez FG, Stager DR Sr, Felius J, Rosenbaum AL. Inferior oblique orbital fixation: a profound weakening procedure. AAPOS, March 2006, Keystone, CO.
6. Felius J, Stager DR Sr, Weakley DR, Leffler JN, Birch EE. Convergence-accommodation relationships in children at risk for accommodative esotropia. ARVO, April 2006, Fort Lauderdale, FL.
7. Wang YZ, Wilson CE, Felius J, Birch EE. The roles of position and orientation features in shape discrimination deficits of amblyopia. ARVO, April 2006, Fort Lauderdale, FL.
8. Felius J, Cheng CS, Stager DR Sr, Wang X, Birch EE. AC/A changes after medial rectus recession in infants. AAPOS, April 2007, Seattle, WA.
9. Felius J, Cheng CS, Wang X, Stager DR Sr, Birch EE. Accommodative convergence in patients with infantile esotropia before and after surgery. ARVO, May 2007, Fort Lauderdale, FL.
10. Fu VLN, Felius J, Hertle RW, Birch EE. Visual development of children with infantile nystagmus syndrome (INS). ARVO, May 2007, Fort Lauderdale, FL.
11. Beauchamp CL, Felius J, Beauchamp GR, Brown GC, Brown MM. The economic value added (EVA) for care of amblyopia, strabismus and asthama. AAPOS, April 2007, Seattle, WA.
12. Felius J, Cheng CS, Wyatt L, Stager DR Jr, Beauchamp GR, Stager DR Sr, Birch EE. Vision-related quality of life in children with infantile nystagmus syndrome. AAPOS, April 2008, Washington, DC.
13. Black BC, Felius J, LaRoche GR, Bradfield YS, Williams PE, Paysse EA, Enzenauer RW; AAPOS Outcomes Committee. Clinical determinants of the impact of strabismus on quality of life in adults. AAPOS, April 2008, Washington, DC.
14. Stager DR Jr, Felius J, Beauchamp GR. Cost assessment of pediatric cataract care. AAPOS, April 2008, Washington, DC.
15. Felius J, Fu VLN, Wyatt LM, Hertle RW, Birch EE. Foveation and acuity deficits in infants and children with infantile nystagmus syndrome. ARVO, April 2008, Fort Lauderdale, FL.
16. Wang J, Wyatt LM, Felius J, Stager DR Jr, Stager DR Sr, Birch EE, Bedell HE. With-the-rule astigmatism in children with infantile nystagmus syndrome during the first four years of life. ARVO, April 2008, Fort Lauderdale, FL.

17. Roefs AM, Tjiam AM, Vukovic E, Loudon SE, Felius J, Simonsz HJ. QOL and compliance during occlusion therapy for amblyopia in a prospective, double blind study comparing four brands of occlusion patches. ARVO, April 2008, Fort Lauderdale, FL.
18. van de Graaf ES, van der Sterre GW, Passchier J, van Kempen-du Saar H, Looman CWN, Felius J, Simonsz HJ. Factor analysis with Varimax rotation confirms the construct validity of the Amblyopia and Strabismus Questionnaire. ARVO, April 2008, Fort Lauderdale, FL.
19. Felius J, Vu CH, Wang J, Birch EE, Stager DR Sr, Stager DR Jr. Relation between foveation and sensory function after nystagmus surgery in children. AAPOS, April 2009, San Francisco, CA.
20. Progression of with-the-rule astigmatism in children with infantile nystagmus syndrome. Wang J, Wyatt L, Felius J, Stager DR Jr, Stager DR Sr, Birch EE, Bedell HE. AAPOS, April 2009, San Francisco, CA.
21. Stager DR Jr, Locke KG, Stager DR Sr, Felius J. Simple office-based assessment of changes in torsional strabismus. AAPOS, April 2009, San Francisco, CA.
22. Stager DR Sr, Ionita NG, Stager DR Jr, Beauchamp GR, Stager DR Sr, Felius J. Response to surgery in adults with exotropia. AAPOS, April 2009, San Francisco, CA.
23. Hertle RW, Felius J, Yang D, Kaufman M. Eye muscle surgery for infantile nystagmus syndrome (INS) in the first two years of life. AAPOS, April 2009, San Francisco, CA.
24. Felius J, Stager DR Sr, Vu CH. Foveation and acuity deficits in patients with idiopathic infantile nystagmus syndrome across a wide age range. ARVO, May 2009, Fort Lauderdale, FL.
25. Hertle RW, Felius J, Yang D, Kaufman M. Eye muscle surgery for infantile nystagmus syndrome (INS) in the first two years of life. ARVO, May 2009, Fort Lauderdale, FL.
26. Felius J, Holleschau AM, Summers CG, Bowman AC, Patel PV. Vision-related quality-of-life in children with albinism from 0 to 10 years of age. AAPOS, April 2010, Orlando, FL.
27. McLoon LK, Felius J, Stager DR Jr. Inferior oblique muscles from patients with inferior oblique overaction: examination of myosin heavy chain isoforms. AAPOS, April 2010, Orlando, FL.
28. Birch EE, Wang J, Felius J, Stager DR Jr, Hertle RW. The critical period for fixation control and eye alignment in children treated for dense congenital or developmental cataracts. ARVO, May 2010, Fort Lauderdale, FL.

(15 June 2010)