

## BIBLIOGRAPHY OF RESEARCH 1998-2009

- Anstice, J. (2000). *Eye movements: Their importance for reading and some of the factors that disrupt them*. Paper presented to the 6<sup>th</sup> Irlen International Conference, Australia, 5-8 July.
- American Music Teacher (1996, June/July) Dyslexia or Scotopic Sensitivity Syndrome? *The Official Journal of Music Teachers National Association*. 16-17.
- Barbolini, G., Caffo, E., Robinson, G.L., & Wright, A. (1998). Light sensitivity and some pervasive developmental disorders: autistic disorder, Asperger's disorder. Modena International Conference on Autism and Pervasive Developmental Disorders. Univer. Of Modena, Italy, 26-27 March.
- Borsting, E., Ridder, W.H., Dudeck, K., Kelley, C., Matsuir, L., & Motoyama, J. (1996). The presence of a magnocellular defect depends on the type of dyslexia. *Vision Research*, 36, 1047-1053.
- Bouldoukian, J., Wilkins, A.J., & Evans, Bruce J.W. (2002). Randomised controlled trial of the effect of coloured overlays on the rate of reading of people with specific learning difficulties. *Ophthalmological and Physiological Optics*, 22, 55-60.
- Breitmeyer, B.F., & Ogmen, H. (2000). Recent models and findings in visual backward masking: a comparison, review, and update. *Perception & Psychophysics*, 62(8) 1572-1595.
- Chase, C., Ashourzadeh, A., Kelly, C., Monfette, S., & Kinsey, K. (2003). Can the magnocellular pathway read? Evidence from studies of color. *Vision Research*, 43, 1211-1222.
- Cheng, A., Eysel, U., & Vidyasagar, T. (2004). The role of the magnocellular pathway in serial deployment of visual attention. *European Journal of Neuroscience*, 20(8), 2188-2192.
- Coyle, Barbara (1955). Use of filters to treat visual-perception problem creates adherents and skeptics. *Canadian Medical Association Journal*, 152(5) 749-750.
- Croyle, L., (1998). Rate of reading, visual processing, colour and contrast. *Australian Journal of Learning Disabilities*, 3, 13-21.
- Demb, J.M., Boynton, G.M., Best, M., & Heeger, D.J. (1998). Psychophysical evidence for magnocellular pathway deficit in dyslexia. *Vision Research*, 28, 1555-1559.
- Demb, J.M., Boynton, G.M., & Heeger, D.J. (1998). Functional magnetic resonance imaging of early visual pathways in dyslexia. *Journal of Neuroscience*, 18, 6939-6951.
- Edwards, V.T., Hogben, J.H., Clark, C.D., & Pratt, C. (1996). Effects of a red background on magnocellular functioning in average and specifically disabled readers. *Vision Research*, 36(7) 1037-1045.
- Evans, B.J., Cook, A., Richards, I.L., & Drasdo, N. (1994). Effect of pattern glare and colour overlays on a simulated reading task in dyslexics and normal readers. *Optometry and Vision Science*, 71, 619-628.
- Evans, Bruce J.W., & Joseph, Florence (2002). The effect of coloured filters on the rate of reading in an adults student population. *Ophthalmological and Physiological Optics*, 22, 535-545.
- Evans, B.J.W., Patel, R., Wilkins, A.J., Lightstone, A., Eperjesi, F., Speedwell, L., & Duffy, J. (1999). A review of the management of 323 consecutive patients seen in a specific learning disabilities clinic. *Ophthalmological and Physiological Optics*, 19(6), 454-466.
- Floyd, R.A., Dain, S.J., Elliott, R.T. (2004). Is the perception of brightness different in poor readers? School of Optometry and Vision Science, University of New South Wales, NSW 2052, Sydney, Australia, *Vision Research*, Jan: 44(2), 221-7.
- Good, P.A., Taylor, R.H., Ophth, F.C., & Mortimer M.J., (1991). *The use of tinted glasses in childhood migraine. Headache*, September. Department of Ophthalmology, University of Birmingham, Birmingham and Midland Eye Hospital, Church Street, Birmingham, B3 2NS, England. Reprint requests to: Mr. P. A. Good.
- Gray, J. (1999). *Visual perceptual difficulties and reading behavior: Irlen syndrome and eye colour*. Unpublished Doctor of Philosophy Thesis, University of Bristol, UK.
- Gustafson, S., Samuelsson, S., & Ronnberg, J. (1997). Phonological training and reading skills: why do some resist? In B. Ericson & J. Ronnberg (Eds.), *Reading disability and its treatment*, Norrkoping, Sweden: Eve Malmquist Institute for Reading. Pp. 38-51.
- Hazell, P. (2000). *Still Going. Hyperactivity Enters its Second Century*. Paper presented to the 6<sup>th</sup> Irlen International Conference, Australia 5-8 July, 2000
- Hoefl, F., Meyler, A., Hernandez, A., & Juel, C. (2007) Functional and morphometric brain dissociation between dyslexia and reading ability. *PNAS*, March 6, 2007, 104(10), 4234-4239.
- Hulme, C., & Hogben, M.J. (1997). How does a visual transient deficit affect reading? In C. Hulme & M. Snowling (Eds.), *Dyslexia: biology, cognition and intervention*. London, UK: Whurr. 59-70.
- Iovino, I., Fletcher, J.M., Breitmeyer, B.F., & Fooman, B.R. (1998). Colored overlays for visual perceptual deficits in children with reading disability and attention deficit/hyperactivity disorder: are they differentially effective? *Journal of Clinical & Experimental Neuropsychology*, 20(6) 791-806.
- Irlen, H. (1983, August). *Successful treatment of Learning Disabilities*. Paper presented at the 91<sup>st</sup> Annual Convention of the American Psychological Association, Anaheim California.
- Irlen, H. (1987). *Irlen Differential Perceptual Schedule*. Long Beach, California: Perceptual Development Corporation.
- Irlen, H. (1994). Scotopic Sensitivity/Irlen Syndrome - Hypothesis and Explanation of the Syndrome. *Journal of Behavioral Optometry*, 5, 62-65.
- Irlen, H. (1994). *Dyslexia in higher education: strategies and the value of asking*. Paper presented at the Dyslexia in Higher Education International Conference, 31 October – 2 November, Devon, UK
- Irlen, H. (1996). Dyslexia in higher education: Learning along the continuum. *The Information Bulletin for Learning Disabilities*, 1, 44-48.
- Irlen, H. (1997). Reading problems and Irlen coloured lenses. *Dyslexia Review*, 8(3), 4-7.
- Irlen, H. (2000). *Looking beyond the printed page*. Paper presented to the 6<sup>th</sup> Irlen International Conference, Australia. 5-8 July.
- Irlen, H., & Lass, M.J. (1989). Improving reading problems due to symptoms of Scotopic Sensitivity Syndrome using Irlen lenses and overlays. *Education*, 30, 1-5.
- Irlen, H., & Robinson, G.L. (1996). The effect of Irlen coloured filters on adult perception of workplace performance: a preliminary survey. *Australian Journal of Remedial Education*, 1, 7-17.
- Irvine, J.H., & Irvine, E.W. (1997). Scotopic Sensitivity Syndrome in a single individual (a case study). Report by the Naval Air Warfare Center, Weapons Division, China Lake, CA, April 1997.
- Jeanes, R., Busby, A., Martin, J., Lewis, E., Stevenson, N., Pointon, D., & Wilkins, A. (1997). Prolonged use of coloured overlays for classroom reading. *Journal of Psychology*, 88, 531-548.
- Johannes, S., Kussmaul, C.L., Muentz, T.F., & Mangun, R. (1996). Developmental dyslexia: passive visual stimulation provides no evidence for a magnocellular processing defect. *Neuropsychologia*, 34, 1123-1127.
- Johnson, P.J., Saba, G., Dorain, E., Belmont, S. (2000). *A Study to test the effectiveness of reading with Irlen coloured overlays for students with Irlen/Scotopic sensitivity syndrome*. Paper presented to the 6<sup>th</sup> Irlen International Conference, Australia. 5-8 July.
- Kriss, Isla, & Bruce J.W. Evans (2005). The relationship between dyslexia and Meares-Irlen Syndrome. *Journal of Research in Reading*, 28 (3) 350-364.
- Kumagai, Keiko, PhD. (2006). Published paper. University of Tsukuba, Japan. *Effect of colored films related in facilitating reading: The result of the General Japanese population and a dyslexic student*.

- Lewine, J.D. (1997). Changes in visual evoked magnetic field for people with SSIS: implications for understanding causal mechanisms. Fourth American Irlen Conference for Perceptual and Learning Development, San Diego, CA, June 1997.
- Lewine, J.D. (1999). *Changes in visual evoked magnetic field for people with SSS*. Fourth Biannual Australian Irlen Conference. Newcastle, Australia, May 20-22, 1999.
- Lightstone, A., Lightstone, T., & Wilkins, A. (1999). Both coloured overlays and coloured lenses can improve reading fluency, but their optimal chromacities differ. *Ophthalmological and Physiological Optics*, 19, 279-285.
- Livingstone, M.S., Rosen, G.D., Drislane, F.W., & Galaburda, A.M. (1991). Physiological and anatomical evidence for a magnocellular defect in developmental dyslexia. *Proceedings of the National Academy of Science USA*, 88, 7943-7947.
- Ludlow, A., Wilkins, A., & Heaton, Pam. (2006). The effect of colored overlays on reading ability in children with Autism. *Journal of Autism and Developmental Disorders*. Spring 2006.
- Maclachlan, A., Yale, S., & Wilkins, A. (1993). Open trial of subjective precision tinting: A follow-up of 55 patients. *Ophthalmological and Physiological Optics*, 13, 175-179.
- Noble, J., Orton, M., Irlen, S., Robinson, G. (2004). A controlled field study of the use of coloured overlays on reading achievement. *Australian Journal of Learning Disabilities*, 9, 14-22.
- Pammer, K., & Wheatley, C. (2001). Isolating the M(y)-cell response in dyslexia using the spatial frequency doubling illusion. *Vision Research*, 41, 2139-2147.
- Parra, J., da Silva, F., Stroink, H., & Kalitzin, S. (2007) Is colour modulation an independent factor in human visual photosensitivity? *Brain*, 130, 1679-1689.
- Ray, N.J., Fowler, S., & Stein, J.F. (2005). Yellow filters can improve magnocellular function: motion sensitivity, convergence, accommodation, and reading. *Annals N.Y. Academy of Science*, 1039, 283-293.
- Robinson, G.L. (2000). Irlen coloured filters and adults. *Australian Journal of Learning Disabilities*, 5(1), 15-23.
- Robinson, G.L., & Conway, R.N.F. (2000). Irlen lenses and adults: a small scale study of reading speed, accuracy, comprehension and self-image. *Australian Journal of Learning Disabilities*, 5, 4-13.
- Robinson, G.L., & Foreman, P.J. (1999). The effects of coloured filters on eye movement: a long-term placebo controlled and masked study. *Behavioral Optometry*, 7(4), 5-17.
- Robinson, G.L., & Foreman, P.J. (1999). Scotopic sensitivity/Irlen syndrome and the use of coloured filters: A long-term placebo controlled study of reading strategies using analysis of miscue. *Perceptual & Motor Skills*, 88, 35-52.
- Robinson, G. L., & Foreman, P. J. (1999). Scotopic sensitivity/Irlen syndrome and the use of coloured filters: A long-term placebo controlled and masked study of reading achievement and perception of ability. *Perceptual & Motor Skills*, 89(1), 83-113.
- Robinson, G.L., & Foreman, P.J. (2004). The family incidence of a visual-perceptual subtype of dyslexia. *Focus on Dyslexia Research* Nova Science Publishers, Inc., 27-40.
- Robinson, G.L., Foreman, P.J., & Dear, K.G.B. (2000). The familial incidence of symptoms of Scotopic sensitivity/Irlen syndrome: comparison of referred and mass-screened groups. *Perceptual and Motor Skills*, 91, 707-724.
- Robinson, G.L., Foreman, P.J., Dear, K.G.B., and Sparkes, D. (2004). The Family Incidence of a Visual-Perceptual Subtype of Dyslexia. *Nova Science Publishers*, 27-40.
- Robinson, G.L., McGregor, N.R., Roberts, T.K., Dunstan, R.H., & Butt, H. (2001). A biochemical analysis of people with chronic fatigue who have Irlen syndrome: speculation concerning immune system dysfunction. *Perceptual and Motor Skills*, 93, 486-504.
- Robinson, G.L., Roberts, T.K., McGregor, N.R., Dunstan, R.H., & Butt, H. (1999). Understanding the causal mechanisms of visual processing problems: a possible biochemical basis for Irlen Syndrome? *Australian Journal of Learning Disabilities*, 4(4), 21-29.
- Robinson, G.L., Roberts, T.K., McGregor, N.R., & Barbolini, G., (2000). *A biochemical analysis of people with chronic fatigue who have Irlen syndrome*. Paper presented to the 6<sup>th</sup> Irlen International Conference, Australia. 5-8 July 2000.
- Robinson, G.L., Roberts, T.K., McGregor, N.R., Dunstan, R.H. & Butt, H (2001). Biochemical Analysis of People with Chronic Fatigue Who Have Irlen Syndrome: Speculation Concerning Immune System Dysfunction. *Perceptual and Motor Skills*. 93, 486-504.
- Robinson, G.L., & Whiting, P.R. (2003). The interpretation of emotion from facial expression for children with visual processing problems. *Australasian Journal of Special Education*, 27(2), 50-67.
- Romani, A., Conte, S., Callieco, R., Bergamaschi, R., Versino, M., Lanzi, G., Zambrino, C.A., & Cosi, V. (2001). Visual evoked potential abnormalities in dyslexic children. *Functional Neurology*, 16(3), 219-229.
- Roseheart, D.A. (1995). *Irlen syndrome: A review of the research. Full spectrum reading.* Toronto, CANADA.
- Safra, Doris & Steiner, Fritz (2005). *Abnormal postneuritic disturbances and their reduction through a color filter*. Presentation at Kongresse/Congres Strabologische und Neuroophthalmologische Falldemonstrationen, St. Gallen, 16-18, 06,2005.
- Scott, L., McWhinnie, H., Taylor, L., Stevenson, N., Irons, P., Lewis E., Evans, M., Evans, B., & Wilkins, A. (2002). Coloured overlays in schools: orthoptic and optometric findings. *Ophthalmological and Physiological Optics*, 22, 156-165.
- Shendell, D.G., Barnet, C. & Boese, S. (2004). Science-based recommendations to prevent or reduce potential exposure to biological, chemical, and physical agents in schools. *Journal of School Health*, 74(10) 390-396, 7.
- Singleton, C. & Trotter, S. (2005). Visual stress in adults with and without dyslexia. *Journal of Research in Reading*, 28(3) 365-378.
- Skottun, B.C. (2000). The magnocellular deficit theory of dyslexia: the evidence from contrast sensitivity. *Vision Research*, 40, 111-127.
- Skottun, B.C., & Parke, L.A. (1999). The possible relationship between visual deficits and dyslexia. *Journal of Learning Disabilities*, 32, 2-5.
- Solan, H.A. (1998). Influence of varying luminance and wavelength on comprehension and reading efficiency: a brief review of three studies. *Journal of Optometric Vision Development*, 29(3), 98-103.
- Solan, H.A., Branna, J.R., & Ficarra, A.P. (1997). Transient and sustained processing: effects of varying luminance and wavelength on reading comprehension. *Journal of American Optometric Association*, 68, 503-510.
- Solan, H.A., Ficarra, A., Brannan, J.R., & Rucker, F. (1998). Eye movement efficiency in normal and reading disabled elementary school children: Effects of varying luminance and wavelength. *Journal of the American Optometric Association*, 69(7), 455-464.
- Sparks, D.L., Robinson, G.L., Dunstan, H., & Roberts, T.K. (2003). Plasma cholesterol levels and Irlen Syndrome: preliminary study of 10- to 17-yr., old students. *Perceptual and Motor Skills*, 97, 745-752.
- Sparkes, D.L., Robinson, G.L., Roberts, T.K., Dunstan, R.H. (2006). General Health and Associated Biochemistry in a Visual-Perceptual Subtype of Dyslexia. *Learning Disabilities: New Research*, Nova Science Pub., New York, 81-98.
- Stein, John (2003). Visual motion sensitivity and reading. *Neuropsychologia*, 41, 1785-1793.
- Stein, J., & Talcott, J. (1999). Impaired neuronal timing in developmental dyslexia: the magnocellular hypothesis. *Dyslexia*, 5, 55-77.
- Steiner, Fritz (2005). Schleudertrauma und visuelle Wahrnehmungsstörungen. *Schleudertrauma-Info*, S., 22-26.
- Steiner, Fritz (2005). Die Irlen Methode zur Behandlung von Leseschwache. *Interdisziplinäres Lehrbuch zur Behandlung von Lern- und Leseschwierigkeiten, SZH/CSPS, Schweizerische Zentralstelle für Heilpädagogik* 2005, 193-215.
- Talcott, J., Hansen, P.C., Assoku, E.L., & Stein, J. (2000). Visual motion sensitivity in dyslexia: evidence for temporal and energy integration deficits. *Neuropsychologia*, 38, 935-943.
- Taubenschmid, Margit (2005). Visuelle Wahrnehmungsschwache und Irlen-Syndrom. *Erziehungswissenschaftliche Forschung – Pädagogische Praxis, Reihe der Abteilung fuer Empir-*

- ische Erziehungswissenschaft des Instituts fuer erziehungswissenschaft der Universitaet Wien, Peter lang, Europaeischer Verlag der Wissenschaften, Frankfurt 2005.*
- Temple, M. (2000). *Some of the effects of Irlen syndrome on gifted students*. Paper presented to the 6<sup>th</sup> Irlen International Conference, Australia. 5-8 July 2000.
- Whichard, J.A., Feller, R.W., & Kastner, R. (2000). The Incidence of Scotopic Sensitivity Syndrome in Colorado Inmates. *Journal of Correctional Education*, 51(3), 294-299.
- Whiteley, H.E., & Smith, C.D. (2001). The Use of Tinted Lenses to Alleviate Reading Difficulties. *Journal of Research in Reading*, 24(1), 30-40.
- Whiting, P.R. (2000). *Assessment for dyslexia*. Paper presented to the 6<sup>th</sup> Irlen International Conference, Australia. 5-8 July, 2000.
- Whiting, P.R., & Robinson, G.L. (2001). The interpretation of emotion from facial expressions for children with a visual sub-type of dyslexia. *Australian Journal of Learning Disabilities*, 6, (4), 6-14.
- Wilkins, Arnold (2002). Coloured overlays and their effects on reading speed: a review. *Ophthalmological and Physiological Optics*, 22, 448-454.
- Wilkins, A.J., Huang, J., & Cao, Y. (2004). Visual stress theory and its application to reading and reading tests. *Journal of research in Reading*, 27(2), 152-162.
- Wilkins, A.J., & Lewis, E. (1999). Coloured overlays, text, and texture. *Perception*, 28, 641-650.
- Wilkins, A.J., Lewis, E., Smith, F., Rowland, E., & Tweedie, W. (2001). Coloured overlays and their benefit for reading. *Journal of Research in reading*, 24(1), 41-64.