

CURRICULUM VITAE

Professor Gary S. Rubin

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Academic Experience

2009- Deputy Director, UCL Institute of Ophthalmology
2005- Head of Research Department of Visual Neuroscience, UCL Institute of Ophthalmology
1999- Helen Keller Professor of Visual Rehabilitation, UCL Institute of Ophthalmology
1999- Professor of Ophthalmology, Moorfields Eye Hospital
1993-1999 Associate Professor, Department of Ophthalmology, Johns Hopkins University Medical Center
1988-1999 Research Director, Multiple District 22 Lions Vision Research and Rehabilitation Center, Wilmer Eye Institute, Johns Hopkins University School of Medicine
1985-1992 Assistant Professor, Department of Ophthalmology, Johns Hopkins University Medical Center
1985-1992 Assistant Professor, Department of Psychology, Johns Hopkins University
1982-1985 Research Associate, Department of Psychology, University of Minnesota

Education

1982 Ph.D., Experimental Psychology, Supporting Program: Developmental Psychology, University of Minnesota, Minneapolis, Minnesota
1976 B.A./M.A., Psychology and Philosophy, Oxford University, Oxford, England (First Class Honours)
1974 B.A., Philosophy, Macalester College, St. Paul, Minnesota (Summa cum laude)

Honours and Awards

2009 Fellow of the Association for Research in Vision and Ophthalmology (Gold Status)
2003 Edridge-Green Medal, Royal College of Ophthalmologists
1999 Garland Clay Award, American Academy of Optometry
1980-1981 Eva O. Miller Fellowship
1976-1980 National Research Service Award, Center for Research in Human Learning, University of Minnesota
1976 Lincoln College, Oxford University, Award for Academic Achievement
1974 Phi Beta Kappa

Current Membership on National and International Committees

2005- Research Strategy Advisory Committee, British Eye Research Foundation: Fight for Sight
2005- Pisart International Vision Award Jury, Lighthouse International
2004- Vision 2020 UK Eye Research Group
2002- Executive Secretary, International Society for Low Vision Research and Rehabilitation

Invited Lectures (partial listing)

Elizabeth Thomas Symposium, Royal College of Ophthalmologists, Nottingham, 2006
Cardiff University, Cortex to Cornea Lectures, 2006
American Academy of Optometry, San Diego, 2005
Royal Society of Medicine Bicentenary Meeting, 2005
Societas Ophthalmologica Europaea Congress, Berlin, 2005
Royal College of Ophthalmologists, Birmingham, 2004
Etridge-Green Lecture, Royal College of Ophthalmologists, 2003
Helen Keller Inaugural Lecture, University College London, 2000
Visiting Scientist, Scheie Eye Institute, University of Pennsylvania Health System, 1999

RECENT PUBLICATIONS (partial listing of 80+ peer-reviewed publications)

1. Bainbridge, J.W., Smith, A.J., Barker, S.S., Robbie, S., Henderson, R., Balaggan, K., Viswanathan, A., Holder, G.E., Stockman, A., Tyler, N., Petersen-Jones, S., Bhattacharya, S.S., Thrasher, A.J., Fitzke, F.W., Carter, B.J., Rubin, G.S., Moore, A.T., & Ali, R.R. (2008). Effect of Gene Therapy on Visual Function in Leber's Congenital Amaurosis. *N Engl J Med*, in press.
2. Crossland, M.D., Morland, A.B., Feely, M.P., von dem Hagen, E.A., & Rubin, G.S. (2008). The effect of age and fixation instability on retinotopic mapping of primary visual cortex. *Invest Ophthalmol Vis Sci*, in press.
3. Chen, F.K., Uppal, G.S., Rubin, G.S., Webster, A., Coffey, P.J., & Da Cruz, L. (2008). Evidence of retinal function using microperimetry following autologous retinal pigment epithelium-choroid graft in macular dystrophy: outcome in five cases. *Invest Ophthalmol Vis Sci*, in press.
4. Schmitz-Valckenberg, S., Fan, K., Nugent, A., Rubin, G.S., Peto, T., Tufail, A., Egan, C., Bird, A.C., & Fitzke, F.W. (2008). Correlation of functional impairment and morphological alterations in patients with group 2A idiopathic juxtafoveal retinal telangiectasia. *Arch Ophthalmol*, 126 (3), 330-335.
5. Thayaparan, K., Crossland, M.D., & Rubin, G.S. (2007). Clinical assessment of two new contrast sensitivity charts. *Br J Ophthalmol*, 91 (6), 749-752.
6. Rubin, G.S., Ng, E.S., Bandeen-Roche, K., Keyl, P.M., Freeman, E.E., & West, S.K. (2007). A prospective, population-based study of the role of visual impairment in motor vehicle crashes among older drivers: the SEE study. *Invest Ophthalmol Vis Sci*, 48 (4), 1483-1491.
7. Falkenberg, H.K., Rubin, G.S., & Bex, P.J. (2007). Acuity, crowding, reading and fixation stability. *Vision Res*, 47 (1), 126-135.
8. Rubin, G.S., Feely, M., Perera, S., Ekstrom, K., & Williamson, E. (2006). The effect of font and line width on reading speed in people with mild to moderate vision loss. *Ophthalmic Physiol Opt*, 26 (6), 545-554.
9. Kabanarou, S.A., & Rubin, G.S. (2006). Reading with central scotomas: is there a binocular gain? *Optom Vis Sci*, 83 (11), 789-796.
10. Kabanarou, S.A., Crossland, M.D., Bellmann, C., Rees, A., Culham, L.E., & Rubin, G.S. (2006). Gaze changes with binocular versus monocular viewing in age-related macular degeneration. *Ophthalmology*, 113 (12), 2251-2258.
11. Hahn, G.A., Penka, D., Gehrlich, C., Messias, A., Weismann, M., Hyvarinen, L., Leinonen, M., Feely, M., Rubin, G., Dauxerre, C., Vital-Durand, F., Featherston, S., Dietz, K., & Trauzettel-Klosinski, S. (2006). New standardised texts for assessing reading performance in four European languages. *Br J Ophthalmol*, 90 (4), 480-484.
12. Crossland MD, Culham LE, Rubin GS. Predicting reading fluency in patients with macular disease. *Optom Vis Sci* 2005;82(1):11-7.