

CURRICULUM VITA

Name: Ian L. Bailey
Professor of Optometry and Vision Science
School of Optometry, University of California, Berkeley
Birthdate: December 22, 1940; Melbourne, Australia
Marital Status: Married (Valerie); Two children (Adina and David)

EDUCATION

1962 Licentiate of Optometric Science (L.O.Sc.), Victorian College of Optometry
1962 Bachelor of Applied Science (B.App.Sc.), University of Melbourne, Australia
1967 Higher Diploma of the British Optical Association (F.B.O.A., H.D.)
The City University, London.
1971 Master of Science (M.S.) Indiana University, Bloomington
1977 Diploma in Low Vision, American Academy of Optometry

APPOINTMENTS

1976- **School of Optometry, University of California, Berkeley**
1976-80 Assistant Professor of Optometry and Physiological Optics
1980-85 Associate Professor of Optometry and Physiological Optics
1985- Professor of Optometry and Vision Science
1974-1975 **National Vision Research Institute of Australia, Melbourne**
Senior Research Officer,
1968-73 **Victorian College of Optometry, University of Melbourne, Australia**
Lecturer and Clinic Administrator (Director of Clinics),
1966-67 **Indiana University, Division of Optometry, Bloomington, Indiana**
Teaching Assistant,
1965-66 **The City University, London, United Kingdom**
Clinical Instructor and Teaching Assistant,
1964 **Victorian College of Optometry Melbourne, Australia**
Clinical Instructor (20%),
1963-64 Optometric Practitioner, Melbourne, Australia

AWARDS, HONORS

Life Governor of the Association for the Blind, Melbourne, Australia 1975
Glenn A. Fry Award of the American Academy of Optometry 1986
Inaugural Feinbloom Lecturer, State University of New York 1990
Fellow of the National Vision Research Institute of Australia 1994
Feinbloom Award, American Academy of Optometry 1994
Vision Care Award, Low Vision Section, Amer Optom Association 1995
Nerenberg Distinguished Lecturer, University of California, Berkeley 1996
Morgan Lecturer, University of California, Berkeley 1999
Prentice Medal, American Academy of Optometry 2000
Pisart Award, Lighthouse International 2002

PROFESSIONAL ACTIVITIES

Representative, Committee on Vision, Nat Acad Sciences and Nat Research Council, representing Amer Optom Association and Amer Academy of Optometry 1984-1994
 Member of the Patient Management Problem Examinations Committee
 National Board of Examiners in Optometry 1985-1993
 Consultant to Lawrence Berkeley Laboratories, Windows and Lighting Group 1979-present
 Chief Optometric Consultant, Low Vision Clinic, Assoc. for the Blind, Melb. 1972-75
 Chairman, Low Vision Section of the American Academy of Optometry 1985-86
 Chairman, Low Vision Diplomate Program, American Academy of Optometry 1985-86
 Vice-president, Victorian Division of the Australian Optometrical Association 1973-75
 Member of Council, Victorian Division, Australian Optometrical Association 1970-75
 Member, Editorial Council /Board *Optometry and Vision Science* 1987-1993
 Member, Editorial Board of *Journal of Vision Rehabilitation* 1983-89

SELECTED PUBLICATIONS

- Bailey, I.L. and J.E. Lovie. "New design principles for visual acuity letter charts." *Am. J. Optom & Physiol. Optics* 1976, 53, 740-745.
- Bailey, I.L. "New method for determining the magnifying power of telescopes." *Am. J. Optom & Physiol. Optics* 1978, 55, 203-207.
- Bailey, I.L. "Measuring the magnifying power of Keplerian telescopes." *Applied Optics* 1978, 17, 3520-3521.
- Bailey, I.L. and J.E. Lovie. "The design and use of a new near-vision chart." *Am. J. Optom & Physiol. Optics* 1980, 57, 378-387.
- Kitchin, J.E. and I.L. Bailey. "Task complexity and visual acuity in senile macular degeneration." *Aust. J. Optom.* 1981, 63, 235-242.
- Marron, J.A. and I.L. Bailey. "Visual factors and orientation—mobility performance." *Am. J. Optom & Physiol. Optics* 1982, 59, 413-426.
- Ferris, F.L., A Kassoff, G.H. Bresnick and I.L. Bailey. "New visual acuity charts for clinical research." *Amer. J. Ophthalmol.* 1982, 94, 92-96.
- Bailey, I.L. "Recent advances in clinical low vision care." *Internat. Rehabil. Med.* 1983, 5, 106-110.
- Brown, B., KL. Zadnick, I.L. Bailey and A. Colenbrander. "Effect of luminance, contrast and eccentricity on visual acuity in senile macular degeneration." *Am. J. Optom & Physiol. Optics* 1984, 61, 265-270.
- Sheedy, J.E., I.L. Bailey and T.W. Raasch. "Visual acuity measurement and chart luminance." *Am. J. Optom & Physiol. Optics* 1984, 61, 595-600.
- Sheedy, J.E., M. Buri, I.L. Bailey, J. Azus and I. Borish. "The optics of progressive addition lenses." *Am. J. Optom & Physiol. Optics* 1987, 64, 90-99.
- Bailey, I.L. "Mobility and visual performance under dim illumination." In *Night Vision—Current research and future directions*. Symposium Proceeding, Committee on Vision of National Research Council and American Academy of Science, 1987, Washington, D.C., National Academy Press. 220-230.
- Bailey, I.L. "A critical view of ocular telephoto systems." *CLAO Journal*, 1987, 13, 217-221.
- Bailey, I.L., L.H. Boyd, W.,L. Boyd and M. Clark. "Readability of computer display print enlarged for low vision." *Am. J. Optom & Physiol. Optics*, 1987, 64, 678-685.
- Bailey, I.L. "Determining the angle for bioptic telescopes." *J. Vision Rehabilitation*, 1988, 2, 5-19.
- Hall, A., I.L. Bailey, L. Kekelis, T. Raasch and G.L. Goodrich. "A retrospective survey to investigate the use of distance magnifiers for travel." *J. Vision Impairment and Blindness*, 1987, 81, 418-413.
- Bailey, I.L. and J.E. Sheedy. "Vision screening and driving licensure", In *Transportation in an Aging Society - Improving Mobility and Safety for Older Persons*", Special Report 218, Vol 2, Transportation Research Board, National Research Council, 1988, pp 294-324.
- Sheedy, J.E., I.L. Bailey, M. Buri and E. Bass. "Task performance with Base-In and Base-Out Prism" *Am. J. Optom & Physiol. Optics*. 1988, 65, 65-69.
- Hall, A.P., I.L. Bailey. "A model for training vision functioning" *J. Vis Impairment and Blindness*, 1989, 83, 390-396.
- Bullimore MA and IL Bailey "Stand Magnifiers-an evaluation of new optical aids from COIL" *Optom and Vision Science*, 1989, 66, 766-771.

Bullimore M.A. and I.L. Bailey I.L., "Face Recognition in Age Related Maculopathy", *Investigative Ophthalmology and Visual Science*, 1991, 32, 2020-2029.

Berman, S.M., D. Greenhouse, I. Bailey, R. Clear and T Raasch. "Human electretinogram responses to video displays, fluorescent lighting and other high frequency sources.", *Optometry and Vision Science*, 1991, 68, 645-662.

Bailey I.L. and M.A Bullimore, "A new test of disability glare", *Optom and Vis Sci*, 1991, 68, 911-917.

Elliott D.B., M.A.Bullimore and I.L.Bailey, "Improving the Reliability of the Pelli-Robson Contrast Sensitivity Test", *Clinical Vision Science* , 1991, 6, 471-475.

Atchison D.A., M. Kris, J.E. Sheedy and I.L.Bailey, "Use of the Humphrey Lens Analyzer for Off-axis Measurement of Spectacle Lenses", *Optometry and Vision Science*, 1991, 68, 299-308.

Bailey I.L. , M.A.Bullimore, T.W. Raasch and H.R.Taylor, "Clinical Grading and the Effect of Scaling", *Investigative Ophthalmology and Visual Science*, 1991, 32, 422-432.

Bailey I.L., "Low vision: Visual acuity ", "Low vision : Refraction", In *Diagnostic Procedures in Optometry*, Eskridge J.B., J.F. Amos and J.D.Bartlett, (eds.), J.B. Lippincott , 1991. pp 754-761.and pp 762-768.

Berman, S.M., D. Greenhouse, I. Bailey, R. Clear and T Raasch. "Human electretinogram responses to video displays, fluorescent lighting and other high frequency sources.", *Optometry and Vision Science*, 1991, 68, 645-662.

Bailey IL ,Bullimore MA. (1992) Measuring the effects of glare. *Optom Vision Sci* 1992,,69, 593-594.

Jacobs R.J., I.L.Bailey , M.A.Bullimore "Artificial pupils and Maxwellian view", *Appl Optics*, 1992, 19, 3668-77.

Chylack LT Jr, Wolfe JK, Singer D, Leske MC, Bullimore MA, Bailey IL, Friend J, McCarthy D, Wu S-Y, and the LSC Group. The Lens Opacities Classification System, version III (LOCS III). *Arch Ophthalmol*, 1993, 111, 831-836.

Bailey, I.L. "The optometric examination of the elderly patient." Chapter in *Vision and Aging 2nd edition*, A.A. Rosenbloom and M.W. Morgan (eds.), Butterworth Heinemann, Chicago 1992, pp 200-233

Greenhouse DS, Bailey IL, Berman SM and Howarth PA, Temporal contrast sensitivity changes associated with simultaneous viewing of two flickering sources. *Lighting Research and Technology* , 1994, 25, 161-166.

Bullimore MA and Bailey IL, Reading eye-movements and age related maculopathy, *Optometry and Vision Science*, 1995, 72,125-138.

Bailey IL, Visual Acuity, Chapter in In Benjamin J and Borish I (eds.), *Clinical Refraction*, Butterworths 1998, 179-202

Raasch, TW, Bailey, IL and Bullimore MA, Repeatability of Visual Acuity Measurements, *Optom Vis Sci*, 1998, 75, 342-348

Higgins K and Bailey I Visual Disorders and Performance in Specific Tasks Requiring Vision Chapter, *The Lighthouse Handbook on Vision Impairment and Vision Rehabilitation* Oxford University Press, 2000, 287-316

Gregory Goodrich GL and Bailey IL, A History of Low Vision Services, Chapter, *The Lighthouse Handbook on Vision Impairment and Vision Rehabilitation* Oxford University Press, 2000, 675-716

Twelker JD, Bailey IL, Mannis MJ , Satariano WA, Evaluating Pterygium Severity: A Survey of Corneal Specialists *Cornea* 2000, 19, 292-296

Twelker JD, Bailey IL, Clinical Evaluation of Pterygium Chapter in *Pterygium* edited by Hugh R Taylor. Kugler, The Hague, 2000, 57-70.