

PROFILE

Ian Bailey is a Professor of Optometry at the University of California, Berkeley

He is internationally recognized as a leading researcher and clinical specialist in low vision. He is perhaps best known for his work on the clinical assessment of vision, and clinical methods and optical theory related to the prescribing of low vision aids. Bailey-Lovie principles for visual acuity test chart design are now almost universally applied in any clinical studies that involve visual acuity measurement. His interest in vision and functional abilities have included studies of relationships between vision, aging, visual impairment, bioptic telescopes and driving.

ABSTRACT

Recommendations about bioptic telescopes for driving depend on visual acuity, reading efficiency, visual fields, contrast sensitivity and responses to lighting conditions, and the patient's driving needs. Proficient use of hand-held telescopes is ensured before the bioptic system is prescribed. Training programs develop skills for engaging the telescope in visual tasks of driving.