



Volume 36, Number 4
October 1999

[Masthead](#)

[Guidelines for Contributors](#)

[Introduction to Single Topic Issue](#)

[Guest Editorial:
Bruce B. Blasch, PhD](#)

[Editor's Note
Tamara T. Sowell](#)

[Previous Issues of JRR&D](#)

[Search RR&D Publications](#)

Scientific/Technical Articles

273 Outcome assessment of the rehabilitation of the visually impaired

William R. De l'Aune, PhD; Michael D. Williams, MS; Richard L. Welsh, PhD

295 Characteristics of AMD patients with low vision receiving visual rehabilitation

Ronald A. Schuchard, PhD; Saad Naseer, MD; Kristina de Castro, MD

305 Visual factors and mobility in persons with age-related macular degeneration

Thomas Kuyk, PhD and Jeffry L. Elliott

325 A biomechanical evaluation of visually impaired persons' gait and long-cane mechanics

Vincent K. Ramsey, MS; Bruce B. Blasch, PhD; Akio Kita, BME; Benjamin F. Johnson, EdD

343 The use of the Sonic Pathfinder as a secondary mobility aid for travel in business environments: a single-subject design

Steven La Grow, EdD

351 Auditory perception of walls via spectral variations in the ambient sound field

Daniel H. Ashmead, PhD and Robert S. Wall, PhD

359 Remote infrared signage evaluation for transit stations and intersections

William Crandall, PhD; John Brabyn, PhD; Billie Louise Bentzen, PhD; Linda Myers, MEd

369 Relative locations of macular scotomas near the PRL: effect on low vision reading

Donald C. Fletcher, MD; Ronald A. Schuchard, PhD; Gale Watson, MEd

375 Impact of digital miniaturization and networked topologies on access to next generation telecommunication by people with visual disabilities

Gregg C. Vanderheiden, PhD

381 Subretinal implantation of semiconductor-based photodiodes: Progress and challenges

Neal S. Peachey, PhD and Alan Y. Chow, MD