

CURRICULUM VITAE

NAME Ming Yan Cheong
GENDER Female
CITIZENSHIP Hong Kong
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PRESENT APPOINTMENT Research Associate
Department of Psychology, University of Minnesota, USA

ACADEMIC QUALIFICATIONS

2003 Doctor of Philosophy
School of Optometry, Queensland University Technology, Australia
Thesis Title: *“Reading Performance with Stand Magnifiers in Age-Related
Macular Degeneration”*

1999 First Class Honours in Bachelor of Science (Honours) in Optometry, The Hong
Kong Polytechnic University, Hong Kong
Honour project title: *“Effect of Ouabine and timolol in intraocular pressure using
bovine perfused eyes”*

PROFESSIONAL CERTIFICATE

2002 Learning Employment Aptitude Program (ATN LEAP) for Australian
Technology Network Postgraduate Research Students (Leadership and
Communication)

2002- 2004 Optometrist registration (SPR) from Optometrists Board of Queensland,
Australia

1999- present Optometrist registration from Hong Kong Optometrists Board, Hong Kong.

2000 Certificate of Achievement – Ocular Therapeutics Course, Queensland
University of Technology, Australia

1999 Certificate of Attendance of Moorfields Eye Hospital – Medical Elective Study
Program, United Kingdom

PROFESSIONAL MEMBERSHIP

- 2005 – present Vision Science Society
2003 – present American Academy of Optometry
2003 – present Association for Research in Vision and Ophthalmology

RESEARCH INTEREST

- Psychophysics of reading in normal and low vision
- Mobility performance on people with visual impairment
- Oculomotor behavior in performing everyday task

RESEARCH EXPERIENCE

- 2003-2004 Postdoctoral fellow, Wilmer Eye Institute, Johns Hopkins University, USA
- Principal investigator of research project which investigated the gaze behavior of people with severe peripheral field loss in street crossing.
 - Co-investigator of research projects on judgment on street crossing and eye movement behavior for people with vision loss walking in unfamiliar environment.
- 2003 Research Optometrist, Queensland University of Technology, Australia
- Responsible for data acquisition, statistical analysis and preparation of presentation in low vision and geriatric project.
- 2000 – 2003 Part-time research assistant, Queensland University of Technology, Australia
- Assisted principal investigator of mobility projects in data collection.
 - Responsible for optic measurement of magnifiers in Low Vision Clinic

TEACHING AND CLINICAL EXPERIENCE

- 2002 – 2003 Clinic supervisor, Queensland University of Technology, Australia
- 2000 – 2003 Tutor (Low Vision and Paediatric Optometry);
Practical demonstrator (Advanced Optometry 5, Clinical techniques for examination, Ophthalmic Optics and Optometry, Binocular Vision Anomalies)
Queensland University of Technology, Australia
- 1999-2000 Optometrist, Lawson's Optometrist's Limited, Hong Kong
- 1997-1999 Part-time optometrist assistant, Lawson's Optometrist Limited, Hong Kong
- 1996-1997 Part-time optometrist Assistant and vision trainer, Hong Kong Vision and Hearing Centre, Hong Kong

RESEARCH GRANTS

2003	Student Travel Fellowship of American Academy Optometry Conference (American Academy Meeting, USA)	\$USD500
2003	Travel Grant, School of Optometry, Queensland University of Technology (10 th Scientific Meeting in Optometry, Melbourne)	\$AUD800
2002	Travel Grant, Faculty of Health, Queensland University of Technology (Vision 2002, International Low Vision Conference, Sweden)	\$AUD2,000
2001	Travel Grant, School of Optometry, Queensland University of Technology (Australasian Ophthalmic and Visual Science Meeting, Sydney)	\$AUD800

PRESENTATIONS AT CONFERENCES

Cheong, AMY, Geruschat, GR, Turano, KT

Eye movement characteristics while repeatedly walking a simple route: Persons with central versus peripheral visual field loss.

Association for Research in Vision and Ophthalmology

1-5 May, 2005

Cheong AMY, Geruschat, GR

Gap detection and fixation behavior when crossing the street by persons with advanced retinitis pigmentosa

Vision 2005: The 8th International Conference on Low Vision

London, UK

4-7 April, 2005

Cheong AMY, Bowers, AR, Lovie-Kitchin JE, Brown, B.

Does a line guide improve reading performance with stand magnifiers?

Association for Research in Vision and Ophthalmology

25-29 April, 2004

Cheong AMY, Lovie-Kitchin JE, Bowers, AR, Brown, B.

The effect of reading practice on reading performance with stand magnifiers for people with AMD.

American Academy Meeting, Dallas

4-7 December, 2003

Cheong AMY, Lovie-Kitchin JE, Bowers, AR, Brown, B.

Improving reading performance for people with visual impairment

10th Scientific Meeting in Optometry

The University of Melbourne

2-4 July, 2003

Cheong AMY, Lovie-Kitchin JE, Bowers, AR

Does large print reading practice improve reading rate with stand magnifiers for ARMD subjects?

Vision 2002: The 7th International Conference on Low Vision

Foyer of Svenska Massan & Congress Centre,

Goteborg, Sweden.
21-25 July, 2002

Cheong AMY, Lovie-Kitchin JE, Bowers, AR

Fixed versus individualised acuity reserve methods for determining magnification for low vision reading

Australasian Ophthalmic and Visual Science Meeting

University of Sydney

8 December, 2001

CONTINUED EDUCATION

Optometry CE Weekender 1, Queensland University of Technology, Australia

Reading practice for age-related macular degeneration (AMD) patients

29 March, 2003

PUBLICATION

Bowers AR, **Cheong AMY** and Lovie-Kitchin JE. Factors affecting page navigation with optical magnifiers (in preparation).

Cheong AMY, Turano K, Geruschat GR. Characteristics of the oculomotor behavior while persons with normal and low vision walk on a simple mobility route. *Optometry and Vision Science* (in preparation).

Cheong AMY, Bowers AR and Lovie-Kitchin JE. Does a line guide improve reading performance with stand magnifiers? (in preparation)

Cheong AMY, Lovie-Kitchin JE, Bowers, AR, Brown, B (2005). Short-term practice improves reading performance with stand magnifiers for people with AMD. *Optometry and Vision Science* 82, 114-127.

Cheong AMY, Lovie-Kitchin JE, and Bowers AR. (2002). Determining magnification for reading with low vision. *Clinical and Experimental Optometry* 85, 229-237.

Woo GC, **Cheong AMY**, Lee MH, Chan HL. (2005). Importance of longitudinal visual field and other clinical assessments after orbital cavernoma removal. *Optometry* (in preparation).

EXTRACT OF PAPER / CONFERENCE ABSTRACT

Bowers AR, Lovie-Kitchin JE, and **Cheong AMY** (2002). The effect of passage width on page navigation with optical magnifiers. 2002 Annual Meeting Abstract and Program Planner accessed at www.arvo.org. *Association for Research in Vision and Ophthalmology*. Abstract 4786.

Bowers AR, Lovie-Kitchin JE, and **Cheong AMY** (2002). Factors affecting page navigation with optical magnifiers *In. The 7th International Conference on Low Vision. Göteborg: p. 94.*

Cheong AMY and Geruschat GR (2005). Gap detection and fixation behavior when crossing the street by persons with advanced retinitis pigmentosa. *In. The 8th International Conference on Low Vision. London.*

Cheong AMY, Geruschat GR and Turano KT (2005). Eye movement characteristics while repeatedly walking a simple route: Persons with central versus peripheral visual field loss. 2005 Annual Meeting Abstract and Program Planner accessed at www.arvo.org. *Association for Research in Vision and Ophthalmology. Abstract 4789.*

Cheong AMY, Bowers AR, Lovie-Kitchin JE and Brown B (2004). Does a line guide improve reading performance with stand magnifiers? 2004 Annual Meeting Abstract and Program Planner accessed at www.arvo.org. *Association for Research in Vision and Ophthalmology. Abstract B770.*

Cheong AMY, Lovie-Kitchin JE, Bowers AR, Brown B (2003). The effect of reading practice on reading performance with stand magnifiers for people with AMD. *Optometry and Vision Science (Suppl): 80, p.237.*

Cheong AMY, Lovie-Kitchin JE, and Bowers AR (2002). Does large print reading practice improve reading rate with stand magnifiers for subjects? *In. The 7th International Conference on Low Vision. Göteborg: p.92.*

Cheong AMY, Lovie-Kitchin JE, Bowers AR (2001). Fixed versus individualised acuity reserve methods for determining magnification for low vision reading. *In. Australasian Ophthalmic and Visual Science Meeting.*

Geruschat, GR, **Cheong AMY** and Massof RW (2005). The effect of viewing time on the safe street crossing judgments of fully and partially sighted subjects. *In. The 8th International Conference on Low Vision. London.*

Lovie-Kitchin JE, **Cheong AMY** and Bowers AR. (2004). Factors affecting the use of simple magnifiers for low vision reading. *In. Vision Rehabilitation Symposium in Hong Kong.*

Lovie-Kitchin JE, **Cheong AMY**, Hickson L and Worrall, L (2003). Distance and near vision in community-based older persons. *Optometry and Vision Science (Suppl) 80, p.236.*

COMPETITIVE AWARDS AND HONOUR

- 2005 Atwell Award, Low Vision Research Group in Association for Research in Vision and Ophthalmology (ARVO), USA
- 2003 Student Travel Fellowship of American Academy Optometry Conference, USA
- 2000-2003 International Students Research Award, Queensland University of Technology, Australia
- 1999 Sonca Products Gold Medal Award, The Hong Kong Polytechnic University, HK
- 1999 S.K. Yee Medical Foundation Scholarship, The Hong Kong Polytechnic University, HK
- 1999 ACUVUE Student Travelling Scholarship, The Hong Kong Polytechnic University, HK
- 1998 ACUVUE Travelling Scholarship, The Hong Kong Polytechnic University, HK
- 1997 Candidate for Outstanding Student Award Faculty of Health and Social Studies, The Hong Kong Polytechnic University, HK
- 1997 Providence Foundation Outward Bound Leadership Training Awards, HK

EXTERNAL AND SOCIAL ACTIVITIES

- 2005-2006 Secretary, University of Minnesota Postdoctoral Association, Minneapolis, USA
- 2004-2005 Secretary, Johns Hopkins Postdoctoral Association, Baltimore, USA
- 2001-2003 Secretary, QUT Lions Club, Brisbane, Australia
- 2001-2003 Vice President (Education), Advanced Toastmasters Club, Brisbane, Australia
- 1998-2000 Member, LEO Club of Tai Ping Shan, Hong Kong
- 1998-1999 Fellowship, LEO Club of Tai Ping Shan, Hong Kong
- 1996-1997 Chairlady of Optometry Student Association, The Hong Kong Polytechnic University, Hong Kong
- 1996-1997 Organizer for vision screenings, Optometry Student Association, The Hong Kong Polytechnic University, Hong Kong
- 1995-2000 Nursing member, St. John Ambulance, Hong Kong
- 1993-1995 Member, Voluntary Work Association, Hong Kong

LANGUAGES

- Fluent English
- Fluent Cantonese
- Competent Mandarin

OTHER SKILLS AND ACHIEVEMENTS

- Computer programming (Matlab)
- Statistical skills (SPSS, STATA, JMP, R)

REFEREES

Professor Gordon Legge

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University of Minnesota,
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