

CURRICULUM VITAE

Personal Details

Name: Alison Catherine Bowling
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Date of Birth: 22 December, 1947
Nationality: Australian
Marital Status: Single

Academic Qualifications and Year Conferred

1969 BSc
1970 BSc with First Class Honours (Botany, University of Tasmania)
1978 BA with First Class Honours (Psychology, University of Tasmania)
1981 PhD (Psychology, University of Tasmania)
Thesis Title: Studies on Human Visible Persistence
2007 Graduate Certificate in Ornithology (Charles Sturt University)

Current Employment

Casual Academic, Department of Psychology, Southern Cross University
and

Research Assistant /Software Developer, Psychology Department, University of Tasmania (casual)

Previous Employment

February - June 2005 Fractional Lecturer Level B, Psychology Department, University of Tasmania
2001 – 2004 Fractional Lecturer Level A, Psychology Department, University of Tasmania.

My duties for these positions included:

1. Teaching data analysis to honours students on the Launceston campus.
2. Teaching research methods at the third year level at both Launceston and Hobart campuses.
3. Teaching methodology (research design) at third year level in Hobart
4. Revising and updating the third year statistics lecture material and writing new lectures for a revised third year research methods course for 2005.
5. Preparing software for experimental projects for a 2/3 neuroscience course.
6. Supervising honours students, two PhD students and two graduate diploma of rehabilitation counselling students.

Employment prior to 2001

In addition to the part-time appointments listed below, between 1992 and 2001, I was casually employed as a tutor in the Psychology Department. I was specifically involved in teaching practical classes in visual perception and cognition at second and third year level, and tutorials in statistics at second and third year level.

I have experience in data analysis, and have been employed to analyse data collected by the Department of Sociology and Social work, and by staff in other University departments. I was involved in a Departmental consultancy in which I analysed data collected by TEMCO involving the effects of respiratory manganese on motor control.

<i>Years</i>	<i>Position</i>
1998 – 2001	Part-time Research Assistant, Discipline of Psychiatry, University of Tasmania
1995 – 1997	Part-time computer programmer, Verdant Pty Ltd, Tasmania
1993 – 1994	Research Assistant, Psychology Department, University of Tasmania
1985 – 1992	Computer programmer, announcer, etc, 7HFC-FM
1982 – 1984	Senior Tutor, Psychology Department, Monash University
1978 – 1979, 1981	Research Assistant, Psychology Department, University of Tasmania in sleep and visual perception.
1974 - 1977	Mental Health Welfare Officer, Mental Health Services Commission, Tasmania.

Teaching Record

- I was employed as a Senior Tutor at Monash University for three years. Duties involved assisting senior staff with practical classes, the preparation and delivery of 16 statistics lectures for first year students, and the preparation and delivery of a visual perception course.

- I have been involved in tutoring in the Psychology Department of the University of Tasmania since 1992.
- I was employed for 4 months as Fractional Lecturer Level A position to teach third year methodology.
- I was employed in a Fractional Lecturer Level A position to revise third year statistics course notes and prepare teaching materials for WebCT (2001 - 2002). During this time, I revised the third and fourth year statistics books and prepared lectures on visual perception and methodology for WebCT.
- Between July, 2002 and June, 2005, I taught research methods at third year and honours level to students at both the Hobart and Launceston campuses at the University of Tasmania
- In 2004, I was awarded a *Teaching Merit certificate* as part of a team involved in teaching research methods.

Research

- I was employed as a part-time research assistant in sleep research by Dr John Trinder for two years concurrently with the first two years of my Ph.D.
- I worked with Dr Bill Lovegrove as a research assistant investigating perceptual deficits in dyslexia, for one year after completing my Ph.D.
- I conducted research in temporal processes in visual perception during my tutorship at Monash University, with funds provided by an ARGC grant. Two papers (Bowling, 1985a and 1985b) resulted from this research.
- I worked for two years (1992-1993) as a research assistant with Associate Professor Brian Mackenzie at the University of Tasmania. During this time, I collected data on inspection time and implicit memory, and wrote the resulting paper (Bowling and Mackenzie, 1996).
- I was a research assistant for one year (1999-2000) with Dr Daphne Habibis (School of Sociology and Social Work). This involved the data analysis of an extensive set of data, and the preparation of the results for publication.
- I was a research assistant with Professor Ken Kirkby (Discipline of Psychiatry) from 1998 – 2001.
- I was a Junior Research Fellow with the cognitive psychophysiology group from July – December, 2002, involved in the analysis and preparation of ERP data for publication.

I have also extensively supported research and teaching in the Psychology Department by providing assistance to students and preparing software and other equipment.

Referees

Dr Walter Slaghuis
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Publications

1. Bowling, AC, Crowden, RK, (1973). Peroxidase activity and lignification in the pod membranes of *Pisum sativum* L. *Australian Journal of Biological Sciences*, 26, 679-84.
2. Bowling, AC, Lovegrove, W, Mapperson, B, (1979), The effect of spatial frequency and contrast on visual persistence. *Perception*, 8, 529-39.
3. Bowling, AC, Lovegrove, W, (1980a). The effect of stimulus duration on the persistence of gratings. *Perception & Psychophysics*, 27, 574-78.
4. Bowling, AC, Lovegrove, W, (1980b). Response times to different spatial frequencies: Is there a 100msec rule? *Perception & Psychophysics*, 28, 599-600
5. Lovegrove, W, Bowling, AC, Badcock, D, Blackwood, M, (1980). Specific reading disability: differences in contrast sensitivity as a function of spatial frequency, *Science*, 210, 439-40.
6. Lovegrove, W, Mapperson, B, Bowling, A, (1980). Presence and absence of colour selectivity in the motion after-effect. *Perception & Psychophysics*, 27, 33-36
7. Bowling, AC, Lovegrove, W, (1981). Two components to visible persistence: effects of orientation and contrast. *Vision Research*, 21, 1241-1251.
8. Lovegrove, W, Bowling, A, Gannon, S, (1981). Orientation specificity for the visible persistence of checkerboards. *Vision Research*, 21, 1239-1240
9. Bowling, AC, Lovegrove, W, (1982). Iconic memory: fallacies persist. *Perception & Psychophysics*, 31, 194-198

10. Lovegrove, W, Martin, F, Bowling, A, Blackwood, M, Badcock, D, Paxton, S, (1982). Contrast sensitivity functions and specific reading disability. *Neuropsychologia*, 20, 309-15
11. Paxton, SJ, Montgomery, I, Trinder, J, Newman, J. Bowling, A, (1982). Sleep after exercise of variable intensity in fit and unfit subjects. *Australian Journal of Psychology*, 34, 289-296
12. Trinder, J, Bruck, D, Paxton, S, Montgomery, I, Bowling, A, (1982). Physical fitness, exercise, age and human sleep. *Australian Journal of Psychology*, 34, 131-138
13. Mapperson, B, Bowling, A, Lovegrove, W, (1982). Problems for an after-image explanation of monocular rivalry. *Vision Research*, 22, 1233-1234
14. Bowling, AC, (1985a). The effects of peripheral movement and flicker on the detection thresholds of sinusoidal gratings. *Perception & Psychophysics*, 37, 181-188
15. Bowling, AC, (1985b). The effects of the contrast, spatial frequency, and temporal frequency of a surrounding field upon the detection thresholds of gratings. *Perception & Psychophysics*, 38, 387-391
16. Lovegrove, W, Slaghuis, W, Bowling, A, Nelson, P, Geeves, E, (1986). Spatial frequency processing and the prediction of reading ability: A preliminary investigation, *Perception & Psychophysics*, 40, 440-444
17. Bowling, AC. & Mackenzie, BD, (1996) The relationship between speed of information processing and cognitive ability, *Personality and Individual Differences*, 20, 775-800.
18. Habibis D, Hazelton M, Schneider R, Bowling A, Davidson J, (2002). A comparison of patient clinical and social outcomes before and after the introduction of an extended hours community mental health team. *Australian and New Zealand Journal of Psychiatry*, 36, 392-398.
19. Habibis, D, Schneider, R, Hazelton, M, Bowling, A, Davidson, J, (2002). Psychiatric and social outcomes of a rural district general hospital in the 1990s. *International Journal of Mental Health Nursing*, 11, 154-63.
20. Habibis, D, Hazelton, M, Schneider, R, Davidson, JA, Bowling, AC, (2003). Balancing hospital and community treatment: effectiveness of an extended-hours community mental health team in a semi-rural region of Australia, *Australian Journal of Rural Health*, 11, 181-186
21. Daniels, BA, Kirkby, KC, Mitchell, P, Hay, D, Bowling, A, (2003). Heterogeneity of prior admission history among patients with bipolar disorder. *Journal of Affective Disorders*, 75, 163-170

22. Hazelton M, Habibis D, Schneider R, Davidson J, Bowling A, (2004) Effect of an extended-hours community mental health team on family caregiving in a semi-rural region of Australia. *Australian Journal of Rural Health, 12*, 220-2
23. Markham, A, Thompson, T & Bowling, A, (2005) Determinants of body-image shame. *Personality and Individual Differences, 38*, 1529-1541
24. Slaghuis, W L, Bowling, AC, French, R, (2005) Linear smooth pursuit eye movement and directional motion contrast sensitivity in positive- and negative-symptom schizophrenia. *Experimental Brain Research, 166*, 89-101.
25. Kerr, JH, Wilson, G., Bowling, A, Sheahan, JP, (2005) Game outcome and elite Japanese women's field hockey player's experience of emotions and stress. *Psychology of Sport and Exercise, 6*, 251-263

Articles under review with refereed journals

Martin, F, Bowling, A, Draper, K, Powell, O, Sex differences in ERP measures of attentional resources. (*Revised and resubmitted to Journal of Experimental Psychology: Human Perception and Performance, 1 February, 2005*).

Conference Papers

1. Bowling, A., Mackenzie, BD, (1995) Implicit memory for non-attended stimuli. *22nd Annual Australian Experimental Psychology Conference*, Brisbane.
2. Oldmeadow, M, Bowling, AC, Target energy and inspection time, *Australian Journal of Psychology*, Hobart, Tasmania, 133 (1999)
3. Kirkby, KC, Daniels, BA, Hay, DA, Mowry, BJ, Bowling, A, Early psychosis across the age range - age at first admission with schizophrenia in Tasmania [poster]. *6th Bi-Annual Australasian Schizophrenia Conference*. Oct 2000, Lorne, Australia. In Conference Proceedings p 62.
4. Daniels, BA, Kirkby, KC, Mitchell, PB, Hay, DA, Bowling, A, Diagnostic shift from schizophrenia to affective disorder [poster]. *6th Bi-Annual Australasian Schizophrenia Conference*. Oct 2000, Lorne, Australia. In Conference Proceedings p 56.
5. Kirkby, KC, Daniels, BA, Mitchel, PB, Hay, DA, Bowling, A, Admission history prior to first inpatient diagnosis of bipolar disorder. *36th Annual Congress of RANZCP*. May 2001, Canberra, Australia. Book of Abstracts, p 26.

6. Kirkby, KC, Daniels, BA, Mitchell, PB, Hay, DA, Bowling, A, Admission history prior to first inpatient diagnosis of bipolar disorder. (poster) *Fourth International Conference on Bipolar Disorder*. June 2001, Pittsburg, USA.
7. Thompson, T, Markham, AP, Bowling, AC, An investigation of the determinants of body image shame, *Combined Abstracts of 2004 Australian Psychology Conferences*, Sydney, NSW, 228 (2004)
8. Martin, F, Bowling, AC, Draper, KJ, Sex differences in ERP measures of attentional resources, *Combined Abstracts of 2004 Australian Psychology Conferences*, Hobart, Tasmania, 48 (2004)