

Carrie Lynn Wyland

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School of Science and Engineering
Tulane University
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Academic Appointments

Tulane University

Professor of Practice

August 2006 – present

University of New South Wales

Post-doctoral fellow

August 2004 – July 2006

Supervisors: Joseph Forgas and Bill von Hippel

Education

Dartmouth College

September 1999 – June 2004

Ph.D., Psychology

Dissertation: *Self-esteem and biases in the processing of threat and rejection stimuli*

Graduate Advisor: Todd F. Heatherton

Dissertation committee: Todd F. Heatherton, chair; C. Neil Macrae; Jennifer A.

Richeson; William M. Kelley; Mark W. Baldwin

Case Western Reserve University

B.A., *magna cum laude*, Psychology and English

August 1995 – May 1999

Research Interests

The role of the self in information processing, namely biases underlying self-esteem

The role of mood and emotion in information processing

Neural mechanisms of the self and social behavior and judgments

Social disinhibition, self-regulation, and cognitive processes

Teaching Experience

Tulane University

Experimental Psychology

Lecturer, 2006.

Family Psychology

Lecturer, 2006.

University New South Wales

Third year Social Psychology

Lecturer, 2004, 2005.

Tutor, 2004.

Second year Social Psychology

Lecturer, 2006.

Tutor, 2005, 2006.

Dartmouth College

Social Psychology

Teaching Assistant, 2000.

Guest Lecturer, 2000, 2003

Experimental Study of Social Behavior

Teaching Assistant, 2000:

Guest Lecturer, 2000.

Laboratory in Psychological Science

Teaching Assistant, 2000-2001.

Graduate Statistics

Teaching Assistant, 2001.

Case Western Reserve University

General Psychology

Teaching Assistant, 1997-1998.

Publications

Kelley, W.M., Macrae, C.N., **Wyland, C.L.**, Caglar, S., Inati, S., and Heatherton, T.F. (2002). Finding the self: An event-related fMRI Study. *Journal of Cognitive Neuroscience*, 14(5), 785-794.

Heatherton, T. F. & **Wyland, C.L.** (2003) Assessing self-esteem. In S. J. Lopez & C. R. Synder (Eds.) *Positive Psychology Assessment*. Washington DC: American Psychological Association.

Heatherton, T.F. & **Wyland, C.L.** (2003). Why do people have self-esteem? *Psychological Inquiry*, 14(1), 38-41

Wyland, C.L., Kelley, W.M., Macrae, C.N., Gordon, H.L., & Heatherton, T.F. (2003). The neural correlates of thought suppression. *Neuropsychologia*, 41(14), 1863-1867.

Banfield, J., **Wyland C.L.**, Macrae, C.N., & Heatherton, T.F. (2004). The cognitive neuroscience of self-regulation. In R.F. Baumeister & K.D. Vohs, (Eds.) *Handbook of self-regulation: Research, theory, and applications*. New York: Guilford Press.

Richeson, J.A., Baird, A.A., Gordon, H.L., Heatherton, T.F. **Wyland, C.L.** Trawalter, S. & Shelton, J.N. (2003). Why do interracial interactions impair executive function? An fMRI Investigation. *Nature Neuroscience*, 6(12), 1323-1328.

Forgas, J.P. & **Wyland, C.L.** (2005). Affective intelligence: Understanding the role of affect in everyday social behaviour. In: J. Ciarrochi, J.P. Forgas & J.D. Mayer (Eds.). *Emotional intelligence in everyday life.* (pp. 77-99). New York: Psychology Press.

Moran J.M., Macrae C.N., Heatherton T.F., **Wyland C.L.** & Kelley W.M. (2006) Neuroanatomical evidence for distinct cognitive and affective components of the self. *Journal of Cognitive Neuroscience, 18*, 1586-1594.

Heatherton, T.F., **Wyland, C.L.**, Macrae, C.N., Demos, K.E., Denny, B.T., & Kelley, W.M. (2006) Medial prefrontal activity differentiates self from close others. *Social Cognitive and Affective Neuroscience, 1*, 18-25.

Conference Presentations and Invited Talks

Wyland, C.L. (2005) "Self-esteem and biases in processing threat information." Invited colloquium, University of New South Wales, March 2005.

Wyland, C.L. (2005) "Low self-esteem and biases in the perception of threat." 34th Annual Conference of the Society for Australasian Social Psychologists, Townsville, Queensland, Australia, April 7-10.

Poster Presentations

Wyland, C.L. & Heatherton, T.F. (2001). "Self-regulation and the central executive." 2nd Annual Conference of the Society for Personality and Social Psychology, San Antonio, TX, February 1-3.

Wyland, C.L., Heatherton, T.F. & Gordon, H.L (2002) "Directed not-thinking: Neural correlates of thought suppression." 3rd Annual Conference of the Society for Personality and Social Psychology, Savannah, GA, Jan 31-Feb 3.

Moller, A., Heatherton, T.F. & **Wyland, C.L.** (2002) "How does positive affect influence verbal working memory?" 3rd Annual Conference of the Society for Personality and Social Psychology, Savannah, GE, Jan 31-Feb 3.

Kelley, W.M., Macrae, C.N., **Wyland, C.L.**, Caglar S., Inati, S., & Heatherton, T.H. (2002). "Medial prefrontal cortex is engaged during self-referential processing." 9th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April 14-16, 2002.

Mitchell, J., **Wyland, C.L.**, Heatherton, T., & Macrae, N. (2002) "Semantic memory of people and objects: An fMRI study." 9th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, April 14-16, 2002.

Wyland, C.L., Heatherton, T., & Blowe, S. (2003) "Self-esteem and the self referential effect in memory" 4th Annual Meeting of the Society of Personality and Social Psychology, Los Angeles, CA, Feb. 6-8.

Wyland, C.L., Kelley, W.M., Macrae, C.N., & Heatherton, T.F. (2003) "Is your best friend more like you or the president?" 10th Annual Meeting of the Cognitive Neuroscience Society, New York, April 1-3.

Wyland, C.L., Kelley, W.M., Macrae, C.N., & Heatherton, T.F. (2003) "Is your best friend more like you or the president?" American Psychological Society, Social Cognitive Neuroscience Special Section, Atlanta, GA, May 29-June 1.

Wyland, C.L., Walling, B.R., & Heatherton, T.H. (2004) "The cognitive influences of failure on self-evaluation and memory." 5th Annual Meeting of the Society of Personality and Social Psychology, Austin, TX, Jan. 30-31.

Wyland, C.L., Forgas, J.P., & Chan, N. (2006) "On bad mood and white bears: The effects of mood state on the ability to suppress unwanted thoughts." 7th Annual Meeting of the Society of Personality and Social Psychology, Palm Springs, CA, Jan. 26-28.

Awards and Fellowships

Marie A. Center 1982 Graduate Award for Excellence in Teaching, 2001
Travel Fellowship for Social Cognitive Neuroscience Conference, UCLA, 2001
Travel Fellowship for HealthEmotions Symposium, Madison-Wisconsin, 2002

Professional Memberships and Committees

American Psychological Association
American Psychological Society
Society for Personality and Social Psychology
Cognitive Neuroscience Society
Ad-hoc reviewer for *Self and Identity*; *Journal of Personality and Social Psychology*; *Journal of Cognitive Neuroscience*; *Journal of Experimental Social Psychology*; *Cognition and Emotion*; NSF

Media Appearances and Consulting

Australian ABC "Catalysis"
Consulted with programming and data analysis
Science expert interview, May 2006 "Caffeine and Your Brain"

Relevant Technical Skills

Experimental programming skills:

Superlab
Direct RT/MediaLab
Presentation
Psyscope

Data analysis programs:

SPSS
Excel

fMRI related skills:

Operation of GE 1.5 T fMRI scanner
SPM (data analysis program)
Some Matlab and UNIX