n.jardine@vanderbilt.edu

Nashville, TN

Nicole L. Jardine

www.nicodine.net

Updated 6.22.2010

Education

University of California, Irvine
B.A. in Cognitive Sciences, cum laude, 2008
Campuswide Honors Program
Honors in Psychology Program

National University of Singapore
Education Abroad Program, 2006

Research Experience

Perception, Attention and Control Lab
www.psy.vanderbilt.edu/faculty/seiffert/
Vanderbilt University
July 2008 – present
Advisor: Adriane E. Seiffert, Ph.D

Activities
Designs, programs, collects data for, and analyzes visual perception and attention experiments using MATLAB and the Psychophysics toolbox. Assists postdoctoral fellows Laura E. Thomas, Hilda M. Fehd, and Philip C. Ko as well as doctoral candidate Rebecca L. St.Clair in psychophysics, virtual reality, and eyetracking projects. Attends to lab projects such as designing and maintaining lab website, keeping records of purchases and subject payment, and organizing lab meetings. Presented first-author posters at Vision Sciences Society Meetings in 2009 and 2010.

Visual Perception and Neuroimaging Lab
http://vpnl.ss.uci.edu/
University of California, Irvine
January 2007 – June 2008
Advisor: Emily D. Grossman, Ph.D

Honors Thesis Project
Conducted four fMRI-Adaptation projects on biological motion neural processing. Collected data from 17 subjects at MRI scanner. Imported, preprocessed, and coregistered anatomical and functional data using BrainVoyager. Generated regions of interest from independent localizer scan data. Analyzed experimental scan conditions in ROIs using BrainVoyager and MATLAB. Presented first-author poster of results at Vision Sciences Society Meeting in 2008. Co-authored and published manuscript in 2010. Participated in lab meetings with Professors Emily Grossman, Alyssa Brewer (UCI), and John Serences (UCSD).

Activities
Assisted doctoral candidates John A. Pyles and Javier O. Garcia in psychophysical, fMRI, and simultaneous TMS–EEG projects.

Publications Jardine, N. L. & Seiffert, A. E. (Under revision.) Alignment affects recovery.

Grossman, E. D., Jardine, N. L. & Pyles, J. A. (2010). fMR-adaptation reveals invariant coding of biological motion on human STS. Frontiers in Human Neuroscience. doi:10.3389/neuro.09.015.2010

Abstracts Jardine, N. L. & Seiffert, A. E. (2010). Investigating virtual object structure in multiple object tracking [Abstract]. Poster submitted for *Vision Sciences Society Annual Meeting*, Naples FL. [poster PDF]

Jardine, N. L., & Seiffert, A. (2009). Shape influences target recovery after a blank in multiple object tracking [Abstract]. Journal of Vision, 9(8):243, 243, http://journalofvision.org/9/8/244/, doi:10.1167/9.8.243. Poster presented at the *Vision Sciences Society Annual Meeting*, Naples FL. [poster PDF]

Jardine, N.L., Pyles, J.A., & Grossman, E. D. (2008). Action Invariance: An fMRI investigation of biological motion specificity in the STSp [Abstract]. Journal of Vision, 8(6):908, 908a, http://journalofvision.org/8/6/908, doi:10.1167/8.6.908. Poster presented at the *Vision Sciences Society Annual Meeting*, Naples FL. [poster PDF]

Awards School of Social Sciences Order of Merit (2008)

Summer Undergraduate Research Project Grant (2008)

Undergraduate Research Opportunities Program Fellow (2008)

Summer Undergraduate Research Project Grant (2007)

Conferences Vision Sciences Society Annual Meeting (2010). Naples, FL.

Vision Sciences Society Annual Meeting (2009). Naples, FL.

Vision Sciences Society Annual Meeting (2008). Naples, FL.

Society for Mathematical Psychology Annual Meeting (2007). Long Beach, CA.

Frontiers in Human Information Processing – Festschrift Conference in honor of George Sperling. (2007). Irvine, CA.

GlaxoSmithKline Symposium on Neurodegeneration and the Neurobiology of Cognition (2006). Singapore.

Memberships *Vision Sciences Society*
2007 – present

International Marine Mammal Trainers Association
2003 – 2007

Teaching Experience	*Learning and Academic Resource Center*, UCI
	2007–2008, UCI
	Organized and conducted tutoring sessions for groups of students in Introductory Psychology course for official UCI tutoring program.
Relevant Courses	*Graduate Level*
	Introduction to Functional MRI (UCI, 2007 – 2008)
	Research in Cognitive Neuroscience (UCI, 2007 – 2008)
	Obeserver Theory (UCI, Fall 2006)
	Cognitive Neuroscience (National University of Singapore, Spring 2006)
	Undergraduate Level
	Vision Science (Spring 2008)
	Probability and Stochastic Processes (Winter 2008, audited)
	Linear Algebra (audited Winter 2008)
	MATLAB Programming (Fall 2007)
	Multivariable Calculus (Summer 2007)
	Human Memory (Spring 2007)
	Honors Experimental Research Methods in Psychology (2006 – 2007)
	Perception & Sensory Processes (Fall 2005)
	Psychology Fundamentals (2004 – 2005)
Sufficient In	MATLAB (OS9, OSX, Windows)
	Psyshophysics Toolbox
	Statistical Package for the Social Sciences (SPSS)
	Microsoft Office (2003, 2007)
	Adobe Illustrator
	Adobe Photoshop
	Apple Quicktime 7 Pro
	HTML, CSS
	Dreamweaver