

Curriculum Vitae

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EDUCATION

- 2002-present Ph.D. Candidate, Psychology, University of Arizona, USA. Advisor: Lee Ryan
- 2007 summer Multi-modal Neuroimaging Training Program (MNTTP), Carnegie Mellon University and University of Pittsburgh. Awarded full fellowship and travel/housing funds.
- 2003 summer The Vivian Smith Advanced Studies Institute of the International Neuropsychological Society Summer Institute (Memory Disorders), Greece. Awarded full fellowship.
- 1996-1999 M.S., Applied Psychology, Fu Jen Catholic University, Taiwan
Master's thesis: "On the bipolarity of momentary emotions"
- 1992-1996 B.S., Psychology, National Taiwan University, Taiwan

GRANTS, FELLOWSHIPS AND AWARDS

- 2008 Social and Behavioral Sciences Research Institute (SBSRI) Dissertation Research Grant, University of Arizona
- 2008 Cognitive Science Program Graduate Research Fellowship, University of Arizona
- 2007 Taiwan Ministry of Education Conference Travel Award (for attending CNS2007)
- 2007 University of Arizona Graduate & Professional Student Council Travel Grant
- 2006-2007 Department of Radiology and Optical Sciences Graduate Imaging Fellowship, University of Arizona
- 2005 The 11th Annual Meeting of the Organization for Human Brain Mapping Travel Award
- 2002 Graduate College Fellowship, University of Arizona
- 2001 Two commendations awarded by the Taiwan Army General Headquarters: Outstanding contribution to the psychological counseling work in the army
- 1999 Shiang-Yu Su Psychology Thesis Award (Taiwanese Psychological Association: Best Master's thesis of the year)

PUBLICATIONS / MANUSCRIPTS

Lin, C-Y, Ryan, L., Ketcham, K., & Nadel, L. (in preparation). Common and differential brain regions associated with retrieving spatial and non-spatial information from episodic and semantic memory.

- Ryan, L., **Lin, C-Y**, Ketcham, K., & Nadel, L. (submitted). The role of medial temporal lobe in retrieving spatial and nonspatial relations from episodic and semantic memory.
- Lin, C-Y**, & Ryan, L. (2007). Repetition priming without identification of the primes: evidence for a component process view of priming. *NeuroImage*, 38(3), 589-603.
- Shyu, B-C, **Lin, C-Y**, Sun, J-J, Sylantyev, S, & Chang, C. (2004). A method for direct thalamic stimulation in fMRI studies using a glass-coated carbon fiber electrode. *Journal of Neuroscience Methods*, 137(1), 123-131.
- Shyu, B-C, **Lin, C-Y**, Sun, J-J, Chen, S-L, & Chang, C. (2004). BOLD response to direct thalamic stimulation reveals functional connection of the medial thalamus and anterior cingulate cortex in the rat. *Magnetic Resonance in Medicine*, 52(1), 47-55.

CONFERENCE PRESENTATIONS

- Lin, C-Y**, Ryan, L., & Frank, M. (2008). A computational model of behavioral priming, repetition suppression and the effects of frontal lesion. Slide session to be presented at the Society for Neuroscience Conference, Washington, DC, November 2008.
- Lin, C-Y**, Ryan, L., & Frank, M. (2008). A computational model of behavioral priming, repetition suppression and the effects of frontal lesion. Poster presented at the Annual Arizona Alzheimer's Consortium Meeting, Phoenix, AZ.
- Lin, C-Y**, Ryan, L., Ketcham, K., & Nadel, L. (2008). Common and differential brain regions associated with retrieving spatial and non-spatial information from episodic and semantic memory. Poster presented at the Annual Arizona Alzheimer's Consortium Meeting, Phoenix, AZ.
- Lin, C-Y**, Ryan, L., Ketcham, K., & Nadel, L. (2007). Common and differential brain regions associated with retrieving spatial and non-spatial information from episodic and semantic memory. Poster presented at the Cognitive Neuroscience Society, New York, NY.
- Lin, C-Y**, & Ryan, L. (2006). Neural correlates of repetition priming by unidentified primes. Poster presented at the Annual Arizona Alzheimer's Consortium Meeting, Phoenix, AZ.
- Lin, C-Y**, & Ryan, L. (2006). Neural basis of unconscious memory: Unidentified words can still facilitate later processing of their repetitions. Poster presented at the Student Showcase, University of Arizona, Tucson, AZ.
- Lin, C-Y**, & Ryan, L. (2005). Neural correlates of repetition priming by unidentified primes. Poster presented at the Society for Neuroscience, Washington D.C.
- Lin, C-Y**, & Ryan, L. (2005). Repetition priming with and without identification of the primes: An event-related fMRI study. Poster presented at the Human Brain Mapping Annual Meeting, Toronto, Canada.
- Lin, C-Y**, & Ryan, L. (2005). Neural correlates of repetition priming with and without conscious identification of the primes. Poster presented at the Association of Scientific Studies of Consciousness, Pasadena, CA.
- Lin, C-Y**, & Ryan, L. (2004). Repetition priming with and without identification of the primes. Poster presented

at the Cognitive Neuroscience Society, San Francisco, CA.

Lin, C-Y, & Ryan, L. (2004). The long-term priming effect while the primes are not identified. Poster presented at the Toward a Science of Consciousness Conference, Tucson, AZ.

Lin, C-Y, Sun, J.-J., Chen, S.-L., Chang, C., Hou, W.-Y., & Shyu, B.-C. (2002). A fMRI study of the anterior cingulate cortex activations during direct electrical stimulation of the medial thalamus in rats. Poster presented at the 10th World Congress on Pain, San Diego, California.

Lin, C-Y, Sun, J.-J., Chen, S.-L., Chang, C., Shyu, B.-C. (2001). A novel method of direct brain activation for fMRI study. Poster presented at the 10th Annual Meeting of the Neuroscience Society, Taipei, Taiwan.

Lin, C-Y, Chen, H.-C. (1999). On the bipolarity of momentary emotions. Poster presented at the 38th Annual Meeting of the Taiwanese Psychology Association, Taipei, Taiwan.

Lin, C-Y, Chen, H.-C. (1998). Mood congruent recall of autobiographical memory. Poster presented at the 37th Annual Meeting of the Taiwanese Psychology Association. Taipei, Taiwan.

INVITED TALKS

- 2008 “Neural correlates of unconscious memory”. Consciousness Forum, University of Arizona
2005 “The hippocampus and memory consolidation”. Institute of Cognitive Neuroscience, National Central University, Taiwan.
2005 “Hippocampal involvement in retrieving episodic and semantic memory”. Department of Neurology, National Cheng Kung University, Taiwan.
2004 “Neuroimaging Studies of Priming”. Department of Psychology, National Taiwan University, Taiwan.
1998 “The effects of emotions on perception and memory”. Cognition and Emotion Conference, National Taiwan University, Taiwan.
1998 “The application of Visual Basic programming in psychological experiments”. Cognition and Emotion Summer Workshop, National Taiwan University, Taiwan.
1995 “How to use internet to search psychology literature”, Department of Psychology, National Taiwan University, Taipei, Taiwan.

REVIEWING (GRANTS, AWARDS AND CONFERENCE ABSTRACTS)

- 2008 Student Research Award, Association for Psychological Science Student Caucus
2008 RiSE-UP Research Award, Association for Psychological Science Student Caucus
2007 Student Grant Competition, Association for Psychological Science Student Caucus
2007 Conference abstracts for the Annual Meeting of the Organization for Human Brain Mapping
2005,06,07,08 Graduate and Professional Student Council travel grant, University of Arizona

RESEARCH EXPERIENCE

- 2004-present **Research Assistant.** Dr. Lee Ryan, Psychology, University of Arizona
2001-02 **Research Assistant.** Dr. Bai-Chuang Shyu, Institute of Biomedical Sciences, Academia Sinica, Taipei, Taiwan. Conducted fMRI and electrophysiological experiments to study the neural

- pathways of pain in rats.
- 1999 **Research Assistant.** Dr. Hung-Ieng Chen, National Council on Physical Fitness and Sports, Taiwan. Project: National Survey of Recreation and Leisure
- 1999 **Research Assistant.** Dr. Hsueh-Chih Chen, Applied Psychology, Fu Jen Catholic University, Taipei, Taiwan. Project: Levels of awareness on subliminally presented Chinese emotional words
- 1998 **Research Assistant.** Dr. Hsueh-Chih Chen. Applied Psychology, Fu Jen Catholic University, Taipei, Taiwan. Project: Building the Chinese Word Association Norm
- 1996 **Data Analyst.** Dr. Chao-Ming Cheng, Psychology, National Taiwan University, Taiwan. Project: Implicit Memory: Measurement and Theory

TEACHING

- 2007 **Instructor,** “Psyc326 Human Memory”, University of Arizona
- 2005 **Guest lecturer,** “Functional magnetic resonance imaging”, University of Arizona
- 2004 **Guest lecturer,** “Neuroimaging techniques”, University of Arizona
- 2003,04,05,06 **Teaching Assistant,** “Individuals and Society 101: Structure of Mind and Behavior”, University of Arizona
- 1998 **Teaching Assistant,** Applied Psychology, Fu Jen Catholic University, “Equipments & Techniques for Psychological Experiments” (Supervisor: Dr. Hsueh-Chih Chen)
- 1997-98 **Teaching Assistant,** Applied Psychology, Fu Jen Catholic University, “Computer applications in psychology” (Supervisor: Dr. Hung-Yu Lin) – assisted teaching the applications of Visual Basic programming in psychological experiments

OTHER WORK EXPERIENCE

- 2006-present **Webmaster** of the Cognition and Neuroimaging Lab, University of Arizona – maintaining and updating lab information and fMRI analysis documents/tutorials
- 1999-2001 Second Lieutenant **Psychological Counselor,** Mental Health Center, Taiwanese Army, Hua-Lian, Taiwan.
- 1999-2000 Web creator and **webmaster,** “Division of Clinical Psychology, Taiwanese Psychological Association”
- 1995 **Clinical Psychologist Intern,** Bei-To Hospital, Taipei, Taiwan
- 1994-present **Freelance Programmer.**

SKILLS

- Human and rat MRI scan operation (GE 1.5T and 3T).
- fMRI data analysis: SPM, Brain Voyager, and AFNI.
- Programming: Visual Basic, Matlab, and C.
- Animal operation: anesthetization, injection, tracheotomy, perfusion, electrode implanting

REFERENCES

Lee Ryan, Ph.D.
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