

Chenbo Wang

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Education

Ph.D (expected) in Psychology, Peking University,	2009-2014
Undergraduate program for Public Administration, Zhejiang University	2007-2009
Bachelor of Biomedical Engineering, Zhejiang University	2005-2009

Scholarships, Awards, and Honors

Fangzheng Award Scholarship, Peking University	2013
Guanghua Award Scholarship, Peking University	2012
Wusi Award Scholarship, Peking University	2011
Graduate Travel Award for international conferences, Peking University	2011
Prize for Outstanding social work, Peking University	2010
Doctoral student scholarship, Peking University & Ministry of Education	2009-2014
Outstanding Graduates Award, Zhejiang University	2009
National Grant for undergraduate research, Ministry of Education	2008
Second Prize Scholarship, Zhejiang University	2007
National Scholarship, Ministry of Education	2006

Research Interest

I study the neural mechanisms underlying how human being understands other people and processes information in social interaction. Specifically, **I focus on how human brains perceive others' suffering, evaluate other's negative feedbacks towards themselves, and respond to certain social threat.** It is especially interesting to investigate these issues under sociocultural circumstances (e.g. in diverse culture background) and with biological interference (e.g. oxytocin). Neuroimaging methods such as EEG and fMRI are used in my studies.

Publications

Ma, Y., **Wang, C.**, Li, B., Zhang, Y., Zhang, W., Rao, Y., Han, S. Does self-construal predict activity in the social brain network? A genetic moderation effect. (in press). *Social cognitive and affective neuroscience*.

Wang, C., Ma, Y., Han S. Self-construal priming modulates pain perception: Event-related potential evidence. (in press). *Cognitive Neuroscience*.

Ma, Y., Li, B., **Wang, C.**, Shi, Z., Sun, Y., Sheng, F., Zhang, Y., Zhang, W., Rao, Y., Han, S. (in press). 5-HTTLPR polymorphism modulates neural mechanisms of negative self-reflection. *Cerebral Cortex*.

Ma, Y., Bang, D., **Wang, C.**, Allen, M., Frith, C., Roepstorff, A., Han, S. (2013). Sociocultural patterning of neural activity during self-reflection. *Social Cognitive and Affective Neuroscience*, nss103v1-nss103.

Wang, C., Oyserman, D., Li, H., Liu, Q., Han, S. (2013). Accessible cultural mindset modulates default mode activity: Evidence for the culturally situated brain. *Social Neuroscience*, 8, 203-216.

Meyer, M. L., Masten, C. L., Ma, Y., **Wang, C.**, Shi, Z., Eisenberger, N. I., Han, S. (2013) Empathy for the social suffering of friends and strangers recruits distinct patterns of brain activation.. *Social Cognitive and Affective Neuroscience*, 8, 446-454.

Ma, Y., **Wang, C.**, Han, S. (2011). Neural responses to perceived pain in others predict real-life monetary donations in different socioeconomic contexts. *NeuroImage*, 57, 1273-1280.

Articles under review and in Preparation

Wang, C., Tian, J. Luo, S., Han, S. (under review). Mortality salience affects neural processing of physical pain.

Wang, C., Han, S. (in preparation). Racial bias in neural responses to others' suffering was altered by temporal shift of self-construals.

Wang, C., Liu, Y., Wu X., Han, S. (in preparation). Do I care about undesirable feedback from cooperators and opponents: Oxytocin matters!

Wang, C., Ma, Y., Yang, S., Han, S. (in preparation). Self-concept threat priming modulates implicit self-face recognition: The underlying neural mechanism.

Ma, Y., Li, B., **Wang, C.**, Zhang, Y., Zhang, W., Rao, Y., Han, S. (under review).
5-HTTLPR modulates SSRI effects on amygdala activity in adults: A
pharmacogenetic imaging approach.

Meyer, M. L., Masten, C. L., Ma, Y., **Wang, C.**, Shi, Z., Eisenberger, N. I.,
Lieberman, M. D., Han, S. (under review). Differential neural activation to friends
and strangers links interdependence to empathy.

Korn, C., Fan, Y., Zhang, K., **Wang, C.**, Han, S., Heekeren, H. (under review).
Cultural Influences on Social Feedback Processing of Character Traits.

Conferences

- 16th meeting of Chinese Psychological society. November 1-3, 2013. Nanjing, China.
Talk presentation
- 2013 International Conference for Chinese Psychologists. August 26-28, 2013.
Beijing, China. Talk presentation
- McGovern Symposium Program. August 20-21, 2013. Beijing, China. Poster
presentation
- 2013 Joint Conference of NTU/PKU/CUHK Psychology Departments. May 20-24,
2013. Taiwan. Talk presentation
- 18th annual meeting of the Organization for Human Brain Mapping (OHBM2012).
June 10-14, 2012. Beijing, China. Talk presentation
- 14th meeting of Chinese Psychological society. October 21-23, 2011. Xi'an, China.
Talk presentation
- 17th annual meeting of the Organization for Human Brain Mapping (OHBM2011).
June 26-30, 2011. Quebec, Canada. Poster presentation

Teaching

April 2012 Guest lecturer, Department of Psychology, Peking University
Title: How to program with the software Presentation.
Course: Methods of psychological research (Lecturer: Lihua Mao)

- Fall 2011 Teaching Assistant, Department of Psychology, Peking University
Course: Progress in cognitive neuroscience (Lecturer: Shihui Han)
- June 2010 Lecturer, Culture and Social Cognitive Neuroscience Laboratory
Title: Methods for ERP data analysis and basic skills for programming.
Lab Seminar (Host: Shihui Han)

Skills and contribution

- Statistical analysis: SPSS
- Programming language: MATLAB (data processing and toolkit platform), SPM (fMRI data analysis), Presentation (experimental stimuli displaying), C++, Delphi
- Basic Electronic Circuit Design, Database design

- I updated a toolkit for EEG code retrieval and analysis;
- I developed codes aid for resting-state fMRI data analysis;
- I can repair electroencephalography cap with bad electrodes;
- I designed a connector using electronic circuit for electric pain stimulator compatible with computer, as well as codes for stimulator control.

Research-related software Trainings

- BrainVoyager Course in Beijing, Brain Innovation, June, 2012, Beijing
- Methods and applications for brain network analysis: based on fMRI data, Beijing Normal University, June, 2012, Beijing
- Advanced course for AFNI, Institute of Psychology, CAS, April, 2010, Beijing

Professional Affiliations

Organization for Human Brain Mapping
Chinese Psychological Society