

LIU Pan (Mr.)

Affiliation: Visual Cognitive Neuroscience Lab*, Division of Psychology
School of Humanities and Social Sciences
Nanyang Technological University

Address: 14 Nanyang Drive, HSS-03-84, Singapore 637332

E-Mail: pliu1@ntu.edu.sg

Phone: (65) 8462 6299

Education

Nanyang Technological University, Singapore	Ph.D. Student in Psychology	Aug. 2010 - Present
Peking University, Beijing, China	M.S. in Psychology	Jul. 2010
Peking University, Beijing, China	B.S. in Psychology (Yuanpei College)	Jul. 2007

Research Interests

Face Perception, Attention & Visual Search, Stimulus-Response Compatibility & Simon Effect

Research Methods

Cognitive Behavioral Experiment, Visual Psychophysics, Eyetracking, Event-Related Potential (ERP)

Relevant Skills

Language: Chinese (Mandarin and Cantonese), English;

Statistics: SPSS, AMOS;

Programming: Matlab (with Psychtoolbox), Presentation, Experiment Builder;

Image Processing: Adobe Photoshop, Adobe Illustrator, Morph Man;

Publications

Xu, H., **Liu, P.**, Dayan, P., & Qian, N. Dissociating low-level curvature aftereffect and high-level facial-expression aftereffect via crowding and brief adaptation. (*to be submitted*).

Xu, H., Montaser-Kouhsari, L., & **Liu, P.** The spatial properties of crowding effect on face adaptation aftereffects. (*to be submitted*).

Xu, H., **Liu, P.**, Dayan, P., & Qian, N. Nonlinear interactions among face parts in facial-expression adaptation. (*in prep*).

Liu, P., Zhou, X., & Wu, Y. Top-down attention modulates orientation-based Stimulus-Response Compatibility effect. (*in prep*).

Liu, P., Yuan, Y., & Wu, Y. Task representation is shared between opposite-sex collaborators but not same-sex partners: Evidence from a social Simon effect. (*in prep*).

Liu, P., Xie, N., & Wu, Y. (2010). The modulation of intentional control on automatic inhibition in cognitive aging. *Acta Psychologica Sinica*, 42(10), 1-7.

* http://www3.ntu.edu.sg/home/xuhong/index_Lab.htm

Conference Presentations

- Xu, H., **Liu, P.**, Dayan, P., & Qian, N. (2011). Nonlinear interactions among face parts in facial expression adaptation. *Society for Neuroscience*, Washington, D.C., U.S.A.
- Xu, H., Montaser-Kouhsari, L., & **Liu, P.** (2011). Strength of the adapter signal, not adapter discriminability, produces reduced facial expression after-effect in crowding. *Vision Science Society*, Naples, FL, U.S.A.
- Liu, P.**, Zhou, X., & Wu, Y. (2009). A Simon effect based on the orientation of perceptual grouping. *The XVI Annual International Scientific Conference for Undergraduate and Postgraduate Students and Young Scientists*, Moscow, Russia.
- Liu, P.**, Wu, Y., & Zhou, X. (2007). Perceptual grouping induces attentional shift: Evidence from Simon effect. *The 11th Chinese Academic Conference of Psychology*, Kaifeng, China.

Research Experience

- Nanyang Technological University, Singapore** Aug. 2010 - Present
Graduate Student, Visual Cognitive Neuroscience Lab, Division of Psychology
Advisor Assistant Professor XU Hong
Projects 1. Nonlinear Interaction among Face Parts in Face Perception
2. Influence of Within-Face Crowding on Face Adaptation
3. The Role of Top-down Mechanism in Face Perception
- Microsoft Research Asia, Beijing, China** Jul. 2009 - Dec. 2009
Intern Researcher, Human-Computer Interaction Group
Advisor Researcher ZHAO Chen
Project Usage Pattern of Social Networking Sites (SNSs) in China
- Peking University, Beijing, China** Sep. 2007 - Jul. 2010
Graduate Student, Cognitive Lab of Attention and Memory, Department of Psychology
Advisors Professor WU Yanhong (Dean, Department of Psychology)
Professor ZHOU Xiaolin (Head, Department of Psychology)
Project The Role of Top-down Attention in Spatial Stimulus-Response Compatibility Effect
- Peking University, Beijing, China** Jun. 2005 - Aug. 2007
Research Assistant, Cognitive Lab of Attention and Memory, Department of Psychology
Advisor Professor WU Yanhong (Dean, Department of Psychology)
Project Color-based Pop-out Effect in Working Memory and Its Application in Electrifying Education

Awards & Fellowship

- | | | |
|--|----------------------------------|-----------------------|
| NTU Research Scholarship | Nanyang Technological University | Aug. 2010 - Present |
| 2 nd -class Award Graduate Student Scholarship | Peking University | Sep. 2007 - Jul. 2010 |
| PetroChina Tarim Scholarship | Peking University | 2008 |
| 2 nd -class Prize in <i>Yuanpei Challenge Cup</i> Competition | Peking University | 2006 |
| Research Grant from President's Undergraduate Fellowship | Peking University | 2005 |