
Cheng Stella Qian

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316 Physics Road, Room 285A, East Lansing, MI 48824

EDUCATION

Department of Psychology, Michigan State University (MSU) 08/2014-present

Ph.D. in Cognition and Cognitive Neuroscience (Expected Spring 2019)

- Advisor: Dr. Jan Brascamp
- Specialization in Cognitive Science (Expected Spring 2019)
 - Selected Courses: Computer Vision, Data Mining, Statistical Methods I

M.A. in Cognition and Cognitive Neuroscience 08/2014-12/2016

- Thesis Title: Binocular Rivalry Abolishes Blind Spot Filling-in: Functional Order of Binocular Rivalry and Blind Spot Filling-in (Advisor: Dr. Taosheng Liu)

Psychology Department, Sun Yat-Sen University (SYSU) 09/2010-06/2014

B.S. in Applied Psychology (with Honors)

- GPA: 3.9/4.0 (Ranking: 2/72)
- Thesis Title: An Evaluation of Continuous Flash Suppression: Advantage of Random over Regular Presentation (Advisor: Dr. Xiang Wu)

PUBLICATIONS

- **Qian, C.**, Brascamp, J. (2017) How to build a dichoptic presentation system that includes an eye tracker. *Journal of Visualized Experiments*. doi.org/10.3791/56033.
- **Qian, C.**, Brascamp, J., Liu, T. (2017) On the Functional Order of Binocular Rivalry and Blind Spot Filling-in. *Vision Research*. doi.org/10.1016/j.visres.2017.04.009.
- **Qian, C.**, Liu, T. (2015). Involuntary Attention in the Absence of Visual Awareness. *Visual Cognition*. doi:10.1080/13506285.2015.1093249.
- Wu, X., Zhou, L., **Qian, C.**, Gan, L., Zhang, D. (2015). Attentional Modulations of the Early and Later Stages of the Neural Processing of Visual Completion. *Scientific Reports*. doi:10.1038/srep08346.
- Gan, L., Zhou, L., Huang, Y., **Qian, C.**, Wu X. (2015). Synchronize better to a Visual than to an Auditory Beat. *Scientific Reports*. doi:10.1038/srep11974.
- Liang, M., Lu, Q., **Qian, C.**, Zheng, K., and Wang, X. (2013). Effects of dietary n-3 to n-6 fatty acid ratios on spawning performance and larval quality in tongue sole *Cynoglossus semilaevis*. *Aquaculture Nutrition*. doi: 10.1111/anu.12054
- Zheng, K., Xu, T., **Qian, C.**, Liang, M., Wang, X. (2013). Effect of low molecular weight fish protein hydrolysate on growth performance and IGF-I expression in Japanese flounder *Paralichthys olivaceus*. *Aquaculture Nutrition*. doi: 10.1111/anu.12090

POSTERS AND PRESENTATIONS

- **Qian, C.**, Brascamp, J. (July, 2018) The Processing Status of Binocular Rivalry without Attention. Poster presentation at the 14th Asia-Pacific Conference on Vision (APCV) and the 3rd China Vision Science Conference (CVSC), Hangzhou, China.
- Brascamp, J., **Qian, C.**, Mareschi, A. (May, 2018) Do we understand the paradoxical effect of attention on visual adaptation? Poster presentation at the 18th annual meeting of Vision Science Society, St. Pete Beach, FL.
- **Qian, C.**, Brascamp, J. (May, 2018) The Processing Status of Binocular Rivalry without Attention. Poster presentation at the 18th annual meeting of Vision Science Society, St. Pete Beach, FL.
- **Qian, C.**, Brascamp, J., Liu, T. (May, 2017) Functional Order of Binocular Rivalry and Blind Spot Filling-in. Poster presentation at the 17th annual meeting of Vision Science Society, St. Pete Beach, FL.
- **Qian, C.**, Liu, T. (May, 2016) Involuntary Attention in the Absence of Visual Awareness. Poster presentation at the 16th annual meeting of Vision Science Society, St. Pete Beach, FL.
- **Qian, C.**, Liu, T. (Nov., 2015) Involuntary Attention in the Absence of Visual Awareness. Talk presented at the 23rd annual workshop on Object Perception, Attention, and Memory, Chicago, IL.
- Wu X., Gan, L., Zhou, L., Huang, Y., **Qian, C.** (May, 2015) Synchronize better to a Visual than to an Auditory Beat. Poster presented at the 15th annual meeting of Vision Science Society, St. Pete Beach, FL.

RESEARCH INTEREST

- Binocular Rivalry
- Visual Adaptation
- Stereopsis
- Visual Awareness and Consciousness
- Space-based and Feature-based Attention

EXPERIENCE

➤ **Lab Experience**

Brascamp Lab, MSU **01/2017-present**

Research Assistant (PI: Dr. Jan Brascamp)

Neuroimaging of Perception and Attention Lab, MSU **08/2014-12/2016**

Research Assistant (PI: Dr. Taosheng Liu)

Consciousness Lab, Psychology Department, SYSU **11/2012-07/2014**

Undergraduate Research Assistant (PI: Dr. Xiang Wu)

Lab of Spatial and Crossmodal Attention, SYSU **10/2012-06/2014**

Undergraduate Research Assistant (PI: Dr. Zhenzhu Yue)

Yellow Sea Fisheries Research Institute of CAFS **06/2011-07/2011**

Data Specialist (PI: Dr. Mengqing Liang)

➤ **Teaching Experience**

PSY 200 Cognitive Psychology, MSU 08/2018-12/2018

Graduate Teaching Assistant (Instructor: Dr. Mark Becker)

PSY 295 Data Analysis in Psychological Research, MSU 08/2017-12/2017

Graduate Teaching Assistant (Instructor: Dr. J. Devin McAuley)

PSY 395 Design & Measurement in Psychological Research, MSU 08/2016-12/2016

Graduate Teaching Assistant / Laboratory Instructor (Instructor: Dr. Jonathan Weaver)

➤ **Service**

- Poster judge for Michigan State University undergraduate research and arts forum
- Assisted in preparing the 4th annual meeting of the Society for Social Neuroscience (S4SN), prepared attendance list, and mediated the reception work
- Participated in the translation of *Cognitive Psychology* (Goldstein, E. Bruce. *Cognitive Psychology: connecting mind, research and everyday experience*. 3rd edition. Australia: Belmont, CA: Cengage Learning, 2010.)

ACTIVITIES

Vice-president of Student Union of SYSU

10/2011-11/2013

- Directed Service Management Dept. and Investigation Dept. of the Union

HONORS AND AWARDS

- Poster Award, APCV & CVSC (10/200) 2018
- Charles P. and Linda A. Thompson Endowment, MSU (USD: \$4880) 2018
- Psychology Department Research Funding, MSU (USD: \$400) 2017
- Student Travel Fellowship, MSU (Total up to \$ 3150) 2015-2018
- Bachelor Thesis Award, SYSU (4/72) 2014
- Outstanding Graduates, SYSU (1/72) 2014
- Chinese National Scholarship (4/290) 2013
- First-prize Merit Scholarship, SYSU (top 4%) 2011, 2013
- Second-prize in SYSU Psychological Innovation (CNY: ¥500) 2013
- Excellent Individual of Student Union of SYSU (3/200) 2013
- Excellent Student Leader Award, SYSU (university-wide) 2013
- Second-prize Merit Scholarship, SYSU (top 10%) 2012
- Coca-Cola Merit Scholarship of SYSU (top 1%) 2011

SKILLS

- Proficient in E-prime, Matlab (Psychtoolbox, MGL, mrTools, and Palamedes), R language, SPSS, Adobe Illustrator, and Adobe Photoshop
- Trained in python, Mathematica, Event-related potential (ERP), Transcranial Direct Current Stimulation (tDCS), AFNI, FSL, Bayesian analysis (JAGS), github, LISREL, and Mplus
- Language: Mandarin (native), English (fluent), Japanese (basic), and Cantonese (basic)

**PROFESSIONAL
AFFILIATIONS**

- Vision Science Society

Student Member