QIHAN WU

Curriculum Vitae

CONTACT

Department of Psychological and Brain Sciences

Johns Hopkins University

Baltimore, MD

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EDUCATION

Ph.D. Psychological and Brain Sciences
Advisor: Jonathan Flombaum
— Thesis: "A case for representation in the perception of rotation"

Johns Hopkins University
Baltimore, MD
2019-2024 May (expected)

M.A. Psychology
Advisor: Denis Pelli
— Thesis: "The dimensionality of beauty"

New York University
New York, NY
2016-2018

B.S. Psychology
Honor thesis Advisor: Lei Mo
— Thesis: "Envy affects Aesthetic Appreciation"

South China Normal University
Guangzhou, China
2012-2016

PUBLICATIONS

Wu, Q., & Flombaum, J.I. (in revision). The Motion Silencing Illusion Depends on Object-Centered Representation.

Xiang, Y., Zhao, S., Wang, H., **Wu, Q.**, Kong, F., & Mo, L. (2017). Examining brain structures associated with dispositional envy and the mediation role of emotional intelligence. *Scientific Reports*, *7*.

Ye, Y., Mo, L., & **Wu, Q.** (2017). Mixed cultural context brings out bilingual advantage on executive function. *Bilingualism: Language and Cognition*, *20*(4), 844-852.

Xiang, Y., Kong, F., Wen, X., **Wu, Q.**, & Mo, L. (2016). Neural correlates of envy: Regional homogeneity of resting-state brain activity predicts dispositional envy. *NeuroImage*, *142*, 225-230.

Xiang, Y., Jiang, Y., Chao, X., **Wu, Q.**, & Mo, L. (2016). Brain-mechanistic responses to varying difficulty levels of approximate solutions to arithmetic problems. *Scientific reports*, *6*.

Manuscripts in preparation
Wu, Q., Brielmann, A.A., & Pelli, D.G. (in prep). The dimensionality of beauty [working title].

CONFERENCE PRESENTATIONS

Talk Presentations

Wu, Q., & Flombaum, J.I. (2022). What causes motion silencing. Talk at the 30th *OPAM conference*, Boston, November 17, 2022.

Wu, Q., & Flombaum, J.I. (2021). Motion silencing explained as an error of interpretation. Talk at the 21st *Annual Meeting of the Vision Sciences Society*, Virtual, May 21-26, 2021.

Poster Presentations

Wu, Q., & Flombaum, J.I. (2020). Motion Silencing is Caused by the Interpretation of Structure from Motion. Poster at the 20th *Annual Meeting of the Vision Sciences Society*, Virtual, June 19-24, 2020.

Wu, Q., Brielmann, A.A., & Pelli, D.G. (2018) The dimensionality of beauty. Poster at the 42nd European Conference on Visual Perception, Leuven, Belgium, Aug 25-29, 2019

Wu, Q., Brielmann, A. A., Simoncelli, M. S., & Pelli, D. G (2018). The dimensionality of beauty. Poster at the *18th Annual Meeting of the Vision Sciences Society*, St. Pete Beach, Florida, May 18-23, 2018.

Wu, Q., Brielmann, A.A., & Pelli, D.G. (2018) The dimensionality of beauty. Poster at the *22nd Annual NYU MA Psychology Research Conference*, New York City, New York.

Wu, Q., Brielmann, A.A., & Pelli, D.G. (2017) Does pain reduce aesthetic pleasure? Poster at the *21st Annual NYU MA Psychology Research Conference*, New York City, New York.

TEACHING EXPERIENCE

Research Methods in Psychology (lecture)   *Johns Hopkins University*
Teaching Assistant   *Spring 2022*
Lab practice of the same course (lab)
Instructor

Abnormal Psychology (lecture)   *Johns Hopkins University*
Teaching Assistant   *Fall 2021*

Introduction to Cognitive Psychology (lecture)   *Johns Hopkins University*
Teaching Assistant   *Spring 2021*

Introduction to Psychology (lecture)   *Johns Hopkins University*
Teaching Assistant   *Fall 2020*

Experiments in Beauty (seminar)   *New York University*

Teaching Assistant   *Spring 2019*

Honors and Awards

Student Travel Award, New York University   2018

Best Senior Honor Thesis, South China Normal University   2016

National Science Fund for Talent Training in Basic Science: 2012-2014
National Base for Cultivation of Scientific Talents and National Base of Psychology, China

Skills

Programming   JavaScript, CSS, HTML
                                                                                 MATLAB, R, Python

Analysis   Psychophysical data
                                                                                        Behavioral data
                                                                              computational modeling