Zhiwei Li

PERSONAL DETAILS

Address   4 Washington Place, New York
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EDUCATION

PhD. in neuroscience   2016-present
Center for Neural Science at New York University

BSc. in physics(with psychology minor)   2011-2015
Peking University, China

ONGOING RESEARCH

Modeling spontaneous attention in sequential learning   2019-present
2019 Conference on Cognitive Computational Neuroscience, poster

Modeling the dynamics of suspense   2017-present
2018, 2019 Cognitive Science Society, poster; Manuscript in prep

Posterior-Utility-Decision model for decision-making   2014-present
2017 Conference on Cognitive Computational Neuroscience, poster presentation; Manuscript in prep

Scientific knowledge organized through question network   2019-present
2019 Conference on Cognitive Computational Neuroscience, poster

PUBLICATION

- Li, Z., Bramley, N., and Gureckis, T.M. (2019). Modeling the dynamics of suspense. Proceedings of the 41st Annual Conference of the Cognitive Science Society. Austin, TX: Cognitive Science Society.

- Rothe A., Rich A. S., and Li Z. (2018). Topics and Trends in Cognitive Science. Proceedings of the 40th Annual Conference of the Cognitive Science Society. Austin, TX: Cognitive Science Society. https://anselmrothe.github.io/publication/2018cogsci_dtm/

OTHER CONFERENCE

Modeling Suspense: the affective component of information seeking `2019`
Talk in nanosymposium "Information seeking from flies to human" in sfN

Motives of question-asking:
Testable principles of curiosity using a scientific "modeler" analogy `2017`
Poster in "Designing for curiosity" workshop in CHI

Valuation as inference:
A New Model for the Effects of Fixation on Choice `2017`
Poster in Annual Conference on Cognitive Computational Neuroscience (CCN)

HONORS

- MacCracken Graduate Fellowship (2016-2021)

- Student Senators Council's Conference Fund (2017)

SKILLS

Programming computing	PYTHON, JAVASCRIPT, HTML, MATLAB, LaTeX, High performance
Research	Human experiment design, data analysis
Languages	Chinese (mother tongue), English (fluent)

SOCIAL ACTIVITY AND VOLUNTEERING

- Founder of Question Network Project (2016-present, Beijing and New York)

  Introducing frontier scientific research to general public by question-oriented small-group discussion.

- Mentor for underrepresented minority students in Clear Direction Mentoring (2016-Present)

- Outreach volunteer of Neuroscience Outreach Group at NYU (2016-Present)

- Parent-teacher translators for Stuyvesant High School (2016.12)