

Dalin (Darlene) Guo

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- EDUCATION** **University of California, San Diego** Sept. 2018 - Present
Ph.D. Student in Cognitive Science
- University of California, San Diego** Sept. 2016 - June, 2018
M.S. in Intelligent System, Robotics and Control, EE, GPA: 3.97/4.0
- University of California, San Diego** Sept. 2015 - Mar, 2016
Exchange Student, EECS, GPA: 3.94/4.0
- Beijing Institute of Technology** Sept. 2012 - June, 2016
B.S. in Signal Processing, EE, GPA: 90/100
- PUBLICATIONS** **Guo, D**, Yu, A J (2018). Why so gloomy? A Bayesian explanation of human pessimism bias in the multi-armed bandit task. *NIPS, 2018*
- Harlé, K M, **Guo, D**, Zhang, S, Paulus, M, Yu, A J (2017). Anhedonia and anxiety underlying depressive symptomatology have distinct effects on reward-based decision-making. *PloS. ONE* 12(10):e0186473.
- RESEARCH EXPERIENCE** **Computational & Cognitive Neuroscience Lab, UCSD**, La Jolla, CA USA
Graduate Student Researcher, Advisor: Angela J. Yu Sept, 2016 - Present
Human learning and decision-making in multi-armed bandit task
- Center for functional MRI, UCSD**, La Jolla, CA USA
Student Research Intern, Advisor: Thomas T. Liu July, 2015 - Mar, 2016
Resting-state fMRI pre-processing and dynamic brain connectivity analysis
- HONORS & AWARDS** Cosyne Presenters Travel Grant, 2018
Woman in Machine Learning Travel Grant, 2017
UCSD Travel Grant, 2017
Departmental fellowship, ECE department, UCSD, 2016
Merit based departmental scholarship, BIT, 2013-2015
Mizuho Scholarship, 2012
- INVITED & CONTRIBUTED TALKS** Nanosymposium at Society for Neuroscience Annual Meeting - San Diego, CA
Nov., 2018. "Humans underestimate reward probability and overestimate environmental volatility in a multi-armed bandit task - insights from a Bayesian analysis of human learning and decision-making"
- Weekly Seminars of CFMRI, UC San Diego - San Diego, CA
May, 2018. "Human learning and decision-making in multi-armed bandit tasks"
- CONFERENCE POSTERS** **Guo, D**, Meyniel, F, Yu, A J (2018). Recovering human reward expectation in a bandit setting using Bayesian models. *Cosyne Abstracts 2018*, Denver, CO, USA
- Guo, D**, Yu, A J (2017). Human learning and decision-making in the multi-armed bandit task. *Woman in Machine Learning Workshop*, Long Beach, CA, USA
- Guo, D**, Yu, A J (2017). Dependence of reward-based learning and decision-making on environmental statistics such as reward abundance and variance. *Society for Neuroscience Annual Meeting*, Washington D.C., USA

