# Dalin (Darlene) Guo

SSRB 248, 9500 Gilman Dr., La Jolla, CA 92093
(858) 405-0315, dalinguo@ucsd.edu

**EDUCATION**

**University of California, San Diego**      Sept. 2018 - Present
Ph.D. Student in Cognitive Science

**University of California, San Diego**      Sept. 2016 - Mar, 2018
M.S. in Intelligent System, Robotics and Control, ECE, GPA: 3.97/4.0

**Beijing Institute of Technology**      Sept. 2012 - June, 2016
B.S. in Electrical Engineering, GPA: 90/100

**PUBLICATIONS**

(Under Review) **Guo, D**, Yu, A J (2018). Why so gloomy? A Bayesian explanation of human pessimism bias in the multi-armed bandit task

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.

**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
Huang, J, Liu, J, **Guo, D**, Ryali, C K, Guan J, Yu, A J (2018). Neural Coding of Facial Features Underlying Social Perception of Faces. *2018 SPSP Annual Convention*, Atlanta, GA, 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

**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
Departmental fellowship, ECE department, UCSD, 2016
Merit based departmental scholarship, BIT, 2013-2015
Mizuho Scholarship, 2012

**INVITED TALKS**

Weekly Seminars of CFMRI, UC San Diego - San Diego, CA
May, 2018. "Human learning and decision-making in multi-armed bandit tasks"

**SERVICES**

Reviewing for WiML 2017

**AFFILIATIONS**

2017-2018 Society for Neuroscience

| | |
|---|---|
| **TEACHING EXPERIENCE** | **COGS 118D Mathematical Statistics for Behavioral Data Analysis**, UCSD |
| | Teaching Assistant          Winter 2017, Winter 2018 |
| | |
| **OTHER EXPERIENCE** | **Mentorship of Undergraduate Students**, UCSD |
| | Jianling Liu (ECE), Jingya Huang (CogSci)     June, 2017 - Sept, 2017 |
| | **IBM China Development Lab**, Beijing, China |
| | Technical Intern, PureApplication team     May, 2016 - Aug, 2016 |
| | **University of California San Diego**, La Jolla, CA USA |
| | Exchange Student, GPA: 3.94/4.0     Sept, 2015 - Mar, 2016 |
| | |
| **LANGUAGES** | English (full professional proficiency), Mandarin (native speaker) |