Dalin (Darlene) Guo

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Education	**University of California San Diego** Ph.D. Student in Cognitive Science	**La Jolla, CA** Sept., 2018 - Present
	University of California San Diego M.S. in Intelligent System, Robotics and Control, ECE, GPA: 3.98/4.0	**La Jolla, CA** Sept., 2016 - June, 2018
	University of California San Diego Exchange Student, EECS, GPA: 3.94/4.0	**La Jolla, CA** Sept., 2015 - Mar., 2016
	Beijing Institute of Technology B.S. in Signal & Image Processing, EE, GPA: 90/100	**Beijing, China** Sept., 2012 - June, 2016

Publications

Huang, S J, Ryali, C, K, Liu J, **Guo, D**, Guan, J, Li, Y, Yu, AJ (2019). A model-based investigation of the biological origin of human social perception of faces. *Proceedings of the Cognitive Science Society Conference.*

Guo, D, Yu, AJ (2018). Why so gloomy? A Bayesian explanation of human pessimism bias in the multi-armed bandit task. *Advances in Neural Information Processing Systems*, **32**.

Harlé, K M, **Guo, D**, Zhang, S, Paulus, M, Yu, AJ (2017). Anhedonia and anxiety underlying depressive symptomatology have distinct effects on reward-based decision-making. *PLoS ONE* **12**(10):e0186473.

Conference Posters & Talks

Guo, D, Yu, AJ (2018). Why so gloomy? A Bayesian explanation of human pessimism bias in the multi-armed bandit task. *13th Women in Machine Learning Workshop*, Montreal, CA

Guo, D, Yu, AJ (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. *SfN Annual Meeting*, San Diego, CA, USA (**Oral**)

Guo, D, Meyniel F., Yu. AJ (2018). Recovering human reward expectation in a bandit setting using Bayesian models. *CoSyNe Abstracts 2018*, Denver, CO, USA

Guo, D, Yu, AJ (2017). Human learning and decision-making in the multi-armed bandit task. *12th Women in Machine Learning Workshop*, Long Beach, CA, USA

Guo, D, Yu, AJ (2017). Dependence of reward-based learning and decision-making on environmental statistics such as reward abundance and variance. *SfN Annual Meeting*, Washington D.C., USA

Guo, D, Yu, AJ (2017). Human learning and decision-making in the multi-armed bandit task. *SoCal Machine Learning Symposium*, Los Angeles, CA, USA.

Research Experience	**Computational & Cognitive Neuroscience Lab, UC San Diego** Graduate Student Researcher, Advisor: Angela J. Yu	La Jolla, CA Sept., 2016 - Present
	Center for functional MRI, UC San Diego Undergraduate Research Intern, Advisor: Thomas T. Liu	La Jolla, CA July, 2015 - Mar., 2016
Internship	**Twitter** Machine Learning Researcher Intern, Cortex team	London, UK June, 2019 - Sept., 2019
	IBM China Development Lab Technical Intern, PureApplication team	Beijing, China May, 2016 - Aug., 2016
Teaching Experience	**COGS 178 Genetics, Brain and Behavior, UC San Diego** Teaching Assistant	La Jolla, CA Spring 2019
	COGS 118A Intro to Machine Learning, UC San Diego Teaching Assistant	La Jolla, CA Fall 2018
	COGS 118D Stats/Behavioral Data Analysis, UC San Diego Teaching Assistant	La Jolla, CA Winter 2017 & Winter 2018

Awards &
Fellowships

Dec., 2018 - Neural Information Processing Systems Travel Grant
Dec., 2018-2017 - Woman in Machine Learning Travel Grant
Sept., 2018-2022 - Departmental fellowship, CogSci department, UCSD
March, 2018 - Cosyne Presenters Travel Grant
Sept., 2017 - UCSD Graduate Student Travel Grant
Sept., 2016 - Departmental fellowship, ECE department, UCSD
Sept., 2013-2015 - Merit based departmental scholarship, BIT
Sept., 2012 - Mizuho Scholarship

Services

Reviewer for WiML 2017, 2018, NeurIPS 2019