Dalin (Darlene) Guo

SSRB 248, 9500 Gilman Dr., La Jolla, CA, 92093
(858)-405-0315, dag082@ucsd.edu, dalinguo.github.io

Education	**University of California San Diego**	**La Jolla, CA**
	Ph.D. Student in Cognitive Science	Sept., 2018 - Present
	University of California San Diego	**La Jolla, CA**
	M.S. in Intelligent System, Robotics and Control, ECE, GPA: 3.97/4.0	Sept., 2016 - June, 2018
	University of California San Diego	**La Jolla, CA**
	Exchange Student, EECS, GPA: 3.94/4.0	Sept., 2015 - Mar., 2016
	Beijing Institute of Technology	**Beijing, China**
	B.S. in Signal & Image Processing, EE, GPA: 90/100	Sept., 2012 - June, 2016

Publications

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 (2017). 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**	La Jolla, CA
	Graduate Student Researcher, Advisor: Angela J. Yu	Sept., 2016 - Present
	Center for functional MRI, UC San Diego	La Jolla, CA
	Undergraduate Research Intern, Advisor: Thomas T. Liu	July, 2015 - Mar., 2016
Internship	**IBM China Development Lab**	Beijing, China
	Technical Intern, PureApplication team	May, 2016 - Aug., 2016
Teaching Experience	**COGS 118A Intro to Machine Learning, UC San Diego**	La Jolla, CA
	Teaching Assistant	Fall 2018
	COGS 118D Stats/Behavioral Data Analysis, UC San Diego	La Jolla, CA
	Teaching Assistant	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