

Tricia J. Ngoon

Email: tngoos@ucsd.edu
Website: tngoos.github.io

EDUCATION	Ph.D. in Cognitive Science University of California, San Diego <i>Advisor: Dr. Scott Klemmer</i>	2015 –
	M.S. in Cognitive Science University of California, San Diego <i>Advisor: Dr. Scott Klemmer</i>	2015 – 2018
	B.A. in Psychology with Honors University of California, Berkeley <i>Honors Thesis Advisor: Dr. Art P. Shimamura</i>	2010 – 2013

RESEARCH EXPERIENCE	Ph.D Researcher <i>The Design Lab at UC San Diego</i>	2015 –
	User Experience Research Intern <i>NASA Jet Propulsion Laboratory</i>	Summer 2016
	Research Assistant <i>Stanford Cognitive & Systems Neuroscience Lab</i>	2013 – 2015
	Undergraduate Research Assistant <i>UC Berkeley Helen Wills Neuroscience Institute</i>	2012 – 2013
	Undergraduate Research Assistant <i>UC Berkeley Human Neuropsychology Lab</i>	2011 – 2013

PUBLICATIONS	Conference & Journal Papers	
	C. Ailie Fraser, Tricia J. Ngoon , Mira Dontcheva, & Scott Klemmer. 2019. RePlay: Contextually Presenting Learning Videos across Software Applications. Under Review.	
	Tricia J. Ngoon* , C. Ailie Fraser*, Ariel Weingarten, Mira Dontcheva, & Scott Klemmer. 2018. Interactive Techniques for Improving Creative Feedback. In <i>Human Factors in Computing Systems (CHI) Proceedings</i> . Honorable Mention Award (Top 5%). (* indicates equal contribution)	
	Christian Battista, Tanya M. Evans, Tricia J. Ngoon , Tianwen Chen, Lang Chen, John Kochalka, & Vinod Menon. 2018. Mechanisms of Interactive Specialization and Emergence of Functional Brain Circuits Supporting Cognitive Development in Children. <i>Nature Partner Journals Science of Learning</i> , 3(1).	
	Tanya M. Evans, John Kochalka, Tricia J. Ngoon , Sarah Wu, Shaozheng Qin, Christian Battista, & Vinod Menon. 2015. Brain Structural Integrity and Intrinsic Functional Connectivity Forecasts 6-Year Longitudinal Growth in Children's Numerical Abilities. <i>Journal of Neuroscience</i> , 35(33). 11743-11750.	

Extended Abstracts & Posters

- Michael Arbib, **Tricia J. Ngoon**, & Eric Janes. 2018. From Neural Space to Physical Space: Giving a “Brain” to a Building. Poster presented at *The Academy of Neuroscience for Architecture (ANFA) Annual Meeting*.
- C. Ailie Fraser, **Tricia J. Ngoon**, Ariel Weingarten, Mira Dontcheva, & Scott Klemmer. 2017. CritiqueKit: A Mixed-Initiative, Real-Time Interface for Improving Feedback. In *User Interface Software & Technology (UIST) Companion*.
- Tricia J. Ngoon**, Alexander Gamero-Garrido, & Scott Klemmer. 2016. Supporting Peer Instruction through Evidence-Based Design of Online Instructional Templates. In *Learning at Scale (L@S) Proceedings*.
- Tricia J. Ngoon**, Rachel Chen, Amit Deutsch, & Sean Lip. 2016. Oppia: A Community of Peer Learners to Make Conversational Learning Experiences. In *Computer-Supported Cooperative Work & Social Computing (CSCW) Companion*.

HONORS & AWARDS	Honorable Mention Paper Award, ACM Human Factors in Computing Systems (CHI)	2018
	Honorable Mention, National Science Foundation Graduate Research Fellowship	2015 – 2016
	UC San Diego Competitive Edge Graduate Fellowship	2015
	UC Berkeley Regents’ & Chancellor’s Research Fellowship	2013
	UC Berkeley Summer Undergraduate Research Fellowship	2012
	UC Berkeley Regents’ & Chancellor’s Scholarship	2010 – 2013
TEACHING EXPERIENCE	UC San Diego – Instructor of Record	
	DSGN 90: Web Programming Design Seminar	
	UC San Diego – Teaching Assistant	
	DSGN 1: Design of Everyday Things	
	COGS 120/CSE 170: Interaction Design	
	COGS 17: Neurobiology of Cognition	
SERVICE & LEADERSHIP	COGS 122: Interaction Design Startup Studio	
	COGS 160: Social Computing	
	Student Volunteer Co-Chair	2018 –
	2019 ACM Creativity & Cognition Conference	
	Graduate Social Event Coordinator	2017 –
	UC San Diego Cognitive Science Department	
	Event Coordinator	2017 – 2018
	UC San Diego Graduate Women in Computing	
	Graduate Student Representative	2016 – 2017
	UC San Diego Cognitive Science Department	