Tricia J. Ngoon

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EDUCATION	**Ph.D. in Cognitive Science** **University of California, San Diego** *Advisor: Dr. Scott Klemmer*	2015 –
	M.S. in Cognitive Science **University of California, San Diego** *Advisor: Dr. Scott Klemmer*	2015 – 2018
	B.A. in Psychology with Honors **University of California, Berkeley** *Honors Thesis Advisor: Dr. Art P. Shimamura*	2010 – 2013
RESEARCH EXPERIENCE	**Graduate Student Research Intern** *Adobe Research*	Summer 2019
	Affiliated Ph.D Student Researcher *Early Learning & Cognition Lab at UC San Diego*	2017 –
	Ph.D Student Researcher *The Design Lab at UC San Diego*	2015 –
	User Experience Research Intern *NASA Jet Propulsion Laboratory*	Summer 2016
	Research Assistant *Stanford Cognitive & Systems Neuroscience Lab*	2013 – 2015
	Undergraduate Research Assistant *UC Berkeley Helen Wills Neuroscience Institute*	2012 – 2013
	Undergraduate Research Assistant *UC Berkeley Human Neuropsychology Lab*	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. To appear in ACM *Human Factors in Computing Systems (CHI) Proceedings.*

Tricia J. Ngoon*, C. Ailie Fraser*, Ariel Weingarten, Mira Dontcheva, & Scott Klemmer. 2018. Interactive Techniques for Improving Creative Feedback. In ACM *Human Factors in Computing Systems (CHI) Proceedings.* 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. *Nature Partner Journals Science of Learning, 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. *Journal of Neuroscience, 35*(33). 11743-11750.

Extended Abstracts & Posters

Tricia J. Ngoon. 2019. Inventive Scaffolds Catalyze Creative Learning. Doctoral Consortium abstract to appear in *ACM Human Factors in Computing Systems (CHI) Proceedings.*

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
	COGS 122: Interaction Design Startup Studio
	COGS 160: Social Computing

SERVICE & LEADERSHIP	**Student Volunteer Co-Chair** *ACM Creativity & Cognition (C&C)*	**2018 –**
	Graduate Social Events Coordinator *UC San Diego Cognitive Science Department*	**2017 –**

Reviewer 2019
Cognitive Science Society

Reviewer 2017 – 2019
ACM Human Factors in Computing Systems (CHI)

Event Coordinator 2017 – 2018
UC San Diego Graduate Women in Computing

Graduate Student Representative 2016 – 2017
UC San Diego Cognitive Science Department

External Vice-President 2012 – 2013
UC Berkeley Regents' & Chancellor's Scholars Association

Performance Coordinator 2011 – 2013
Cal Wushu

Faculty Committee Co-Chair 2011 – 2012
UC Berkeley Regents' & Chancellor's Scholars Association