

SamCheyette

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EDUCATION

University of Rochester, Rochester, NY

Doctor of Philosophy (Ph.D.) in Brain & Cognitive Science Aug 2016– 2021 (Expected)
Advisor: Professor Steven Piantadosi
Research Interests: Computational modeling, language acquisition, concepts, machine learning

Carnegie Mellon University, Pittsburgh, Pennsylvania

Bachelor of Science (B.S.) in Cognitive Science Aug 2012– May 2016
Graduated with University Honors.

PAPERS

Cheyette, S. J., Piantadosi S. T., “Modeling knowledge transfer in a Language of Thought,”
Proceedings of the 39th Annual Cognitive Science Conference Aug 2017.

Cheyette, S. J., Plaut, D. C., “Modeling the N400 ERP component as transient semantic
over-activation within a neural network as transient semantic

**RESEARCH
EXPERIENCE**

Center for Neural Basis of Cognition, Carnegie Mellon University

Research Assistant Jun 2015 – Jun 2016
Project: Developed neural network models of N400 and P600 ERP components.
Supervisor: Professor David Plaut

Computational Neuroscience Fellowship Jun 2014 – Jun 2015
Project: Implementing and analyzing artificial neural network models to understand human language processes.
Supervisor: Professor David Plaut

Department of Psychology, Carnegie Mellon University

Research Assistant Jan 2013 – Aug 2013
Project: Using Bayesian statistics to model human concept learning and relational reasoning.
Supervisor: Professor Charles Kemp

Helen Willis Neuroscience Institute, University of California, Berkeley

Summer Internship May 2013 – Aug 2013
Project: Studying neural signaling in transgenic zebrafish.
Supervisor: Dr. Elizabeth Carroll

Center for Mind and Brain, University of California, Davis

Summer Internship May 2011 – Aug 2011
Project: Investigating Autism Spectrum Disorder using EEG and behavioral analysis.
Supervisor: Dr. Clifford Saron

**TEACHING
EXPERIENCE**

88 172, Development of Mind and Brain Jan 2018 – May 2018 (1 Semester)

Teaching Assistant at University of Rochester (Prof: Celeste Kidd)

85 211, Cognitive Psychology Jan 2014 – Jun 2015 (3 semesters)

Teaching Assistant at Carnegie Mellon (Prof: Charles Kemp)