

KIRSTEN ZIMAN

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EDUCATION

Dartmouth College
Graduate Student, Cognitive Neuroscience

July 2017 -

University of Southern California
B.S., Neuroscience

June 2014

PUBLICATIONS

Heusser A. C.*, **Ziman K.***, Owen L. L. W., & Manning J. R. HyperTools: A Python toolbox for gaining geometric insights into high-dimensional data. *Journal of Machine Learning Research*.

Ziman K., Heusser A. C., Fitzpatrick P. C., Field C. E., & Manning J. R. (2018). Is automatic speech-to-text transcription ready for use in psychological experiments? *Behavior Research Methods*.

Heusser A. C., Fitzpatrick C. P., Field C. E., **Ziman K.**, & Manning J. R. (2017). Quail: A Python toolbox for analyzing and plotting free recall data. *The Journal of Open Source Software*, 2, 424.

POSTERS & ABSTRACTS

Ziman K., Manning J. R. (2018)*. Volitional attention modulates memory encoding and retrieval. *Society for Neuroscience Conference*. San Diego, CA. **to be presented: 11/7/2018*

Ziman K., Heusser A. C., Fitzpatrick P. C., Field C. E., & Manning J. R. (2018). Is automatic speech-to-text transcription ready for use in psychological experiments? *Context and Episodic Memory Symposium*. Philadelphia, PA.

Ziman K., Heusser A.C., Manning J.R. (2017). Effects of Study Context on Recall Organization. *Society for Neuroscience Conference*. Washington, DC.

Ziman K., Heusser A.C., Manning J.R. (2017). Harnessing the power of mnemonic fingerprints: Maximizing learning potential by personalizing stimulus organization during adaptive list learning. *Context and Episodic Memory Symposium*. Philadelphia, PA.

Heusser A.C., **Ziman, K.**, Manning J.R. (2017). HyperTools: A Python toolbox for visualizing and manipulating high-dimensional data. *Context and Episodic Memory Symposium*. Philadelphia, PA.

Manning JR, **Ziman, K.**, Heusser AC (2017) Efficient Learning: Manipulating context to enhance (or diminish) memory. *Society for Neuroscience*. *Washington, DC*. Washington, DC.

Ziman, K., Familiar, A.M., Shim, W.M. (2016). Positive affect worsens ensemble coding performance. *Vision Science Society Conference*. Saint Pete Beach, Florida.

Deirdre B., Lennon J., **Ziman K.** (2016). Content of Sleep-talking Transcripts versus Dream Accounts and Waking Language. *International Association for the Study of Dreams Conference*. Virginia Beach, Florida.

Wong, W.O., Suthana, N.A., Pourshaban, D., **Ziman, K.**, Bookheimer, S., Fried, I., Knowlton, B. (2012). Comparison of Medial Temporal Subregional Thickness and Overall Brain Volume to Episodic Memory Performance in Humans. *UCLA Undergraduate Poster Session*. Los Angeles, California.

PROFESSIONAL ACTIVITIES

Leader of Attention Consortium Graduate Student Journal Club
Methods in Neuroscience at Dartmouth Workshop Attendee
Ad hoc reviewer: Frontiers (Open Access Research Journal)
Guest Speaker at Brain Speaker Series, Richmond Middle School
Presenter at Dartmouth College Brain Bee

HONORS & AWARDS

Phi Theta Kappa Honors Society, Beta Kappa Delta Chapter
Tau Sigma Honors Society, University of Southern California

RESEARCH EXPERIENCE

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| Contextual Dynamics Laboratory, Dartmouth College Laboratory Manager | <i>2016-2017</i> |
| Shim Laboratory, Dartmouth College Laboratory Manager | <i>2015-2016</i> |
| Brain and Creativity Institute, University of Southern California Research Assistant | <i>2013-2014</i> |
| Cognitive Neurophysiology Laboratory, University of California, Los Angeles Research Assistant | <i>2011-2012</i> |

CLINICAL EXPERIENCE

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| Children's Hospital Los Angeles , Medical Preceptorship Program | <i>2013</i> |
| UCLA Orthopedic Hospital , Child Life Volunteer | <i>2011</i> |

TEACHING EXPERIENCE

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| Undergraduate Mentor, Dartmouth College Mentees: Christina Lu, Madeline Lee, Eowyn Pak, Paxton Fitzpatrick, Campbell Field, Marisol Tracy, Alejandro Martinez | |
| Living and Learning Community Advisor, Dartmouth College Advisor to Dartmouth College co-operative living home, Foley House | <i>2015-2018</i> |
| Science and Learning Resource Center, Santa Monica College Science Tutor and Coordinator | <i>2012</i> |
| Educational Tutorial Services, Los Angeles Math and Science Tutor | <i>2013</i> |