

Katharine A. Tillman – *curriculum vitae*

Department of Psychology
 The University of Texas at Austin
 ktillman@utexas.edu
<http://www.katharinetillman.com>

Research interests

Cognitive development; concepts; time; language; word learning; perception; object recognition; reading

Academic positions

2018 Assistant Professor, Department of Psychology The University of Texas at Austin

Education

2017 PhD, Psychology University of California, San Diego
 Thesis: *Constructing the concept of time: Roles of perception, language, and culture*

2012 MA, Psychology University of California, San Diego

2009 BA, Psychology, *summa cum laude* New York University

Publications

- Tillman, K. A.**, Tulagan, N., Fukuda, E., & Barner, D. (2018). The mental timeline is gradually constructed in childhood. *Developmental Science*, e12679.
- Tillman, K. A.**, Marghetis, T., Barner, D., & Srinivasan, M. (2017). Today is tomorrow's yesterday: Children's acquisition of deictic time words. *Cognitive Psychology*, 92, 87-100.
- Wagner, K., **Tillman, K. A.**, & Barner, D. (2016). Inferring number, time, and color concepts from core knowledge and linguistic structure. *Core Knowledge and Conceptual Change*. Oxford University Press.
- Tillman, K. A.** & Barner, D. (2015). Learning the language of time: Children's acquisition of duration words. *Cognitive Psychology*, 78, 57-77.
- Pelli, D. G., & **Tillman, K. A.** (2008) The uncrowded window of object recognition. *Nature Neuroscience*, 11(10):1129 – 1135.
- Pelli, D. G., **Tillman, K. A.**, Freeman, J., Su, M., Berger, T. D., & Majaj, N. J. (2007) Crowding and eccentricity determine reading rate. *Journal of Vision*, 7(2):20, 1-36.
- Pelli, D. G., & **Tillman, K. A.** (2007) Parts, wholes, and context in reading: A triple dissociation. *PLoS ONE* 2(8): e680.

Refereed conference proceedings

- Tillman, K. A.**, Wagner, K., & Barner, D. (2018). Children learn number words slowly because they don't identify number as a domain of linguistic meaning. *Proceedings of the 40th Annual Conference of the Cognitive Science Society*.
- Tillman, K. A.**, Fukuda, E., & Barner, D. (2017). Picturing time: Children's preferences for visual representations of events. *Proceedings of the 39th Annual Conference of the Cognitive Science Society*.
- Tillman, K. A.**, Marghetis, T., Barner, D., & Srinivasan, M. (2016). Deconstructing tomorrow: How children learn the semantics of time. *Proceedings of the 38th Annual Conference of the Cognitive Science Society*.
- Tillman, K. A.**, Tulagan, N., & Barner, D. (2015). Building the mental timeline: Spatial representations of time in preschoolers. *Proceedings of the 37th Annual Conference of the Cognitive Science Society*.
- Tillman, K. A.**, & Barner, D. (2013). Learning the language of time: Children's acquisition of duration words. *Proceedings of the 35th Annual Conference of the Cognitive Science Society*.

Manuscripts in preparation

- Tillman, K. A.**, Wagner, K., & Barner, D. (in prep). Mr. 3: Learning number words as proper nouns.
- Tillman, K. A.**, Tulagan, N., & Sullivan, J. (in prep). Children's inferences about time and causality in discourse.
- Tillman, K. A.**, Fukuda, E., & Barner, D. (in prep). Children's preferences for visual representations of events.
- Marghetis, T., **Tillman, K. A.**, & Srinivasan, M. (in prep). Learning to put time in its place: The development of metaphorical gestures for time.

Symposia organized (*symposium co-organizers)

- Tillman, K. A.**, Zhang, M., Monier, F., Redshaw, J., & McCormack, T. (2017). Time in the mind of a child: Perspectives on the development of temporal cognition. 39th annual meeting of the Cognitive Science Society. London, UK.
- Tillman, K. A.***, Wagner, K.*, Imai, M., Malt, B., Widen, S., & Shatz, M. (2016). Beyond the language explosion: What extended word learning tells us about conceptual development. 38th annual meeting of the Cognitive Science Society. Philadelphia, PA.
- Tillman, K. A.***, Walker, E.*, Marghetis, T.*, Bender, A., Beller, S., Bergen, B., Nunez, R., Santiago, J., & Casasanto, D. (2014). Origins of time: Insights into the psychological foundations of time. 36th annual meeting of the Cognitive Science Society. Quebec City, Canada.

Fellowships and awards

- 2017 UCSD Frontiers of Innovation Scholars Program graduate fellowship (\$25,000)
PI: Caren Walker, Psychology; Co-PI: Jonathan Cohen, Philosophy
- 2016 Society for Philosophy and Psychology Graduate Student Travel Award
- 2016 UCSD Interdisciplinary Research Award - Finalist
- 2016 UCSD Summer Graduate Teaching Fellow (\$1700)
- 2012-16 Norman Anderson Travel Award (6-time recipient)
- 2014 Paula Menyuk Student Travel Award for BUCLD 39
- 2014 Society for Language Development Student Award
- 2013-16 Dean of Social Sciences Travel Award (3-time recipient)
- 2012 NSF Graduate Research Fellowship Program – Honorable Mention
- 2009 NYU Founder’s Day Scholar
- 2007 NYU Dean’s Award for Excellence in Psychology

Refereed conference talks (* undergraduate advisee)

- Tillman, K. A.,** Fukuda, E. *, & Barner, D. (2018). The development of children’s preferences for linear representations of temporal events. Talk at the Jean Piaget Society annual meeting. Amsterdam, The Netherlands.
- Tillman, K. A.,** Fukuda, E. *, & Barner, D. (2017). Picturing time: Children’s preferences for visual representations of events. Talk at the 39th annual meeting of the Cognitive Science Society. London, UK.
- Tillman, K. A.** Tulagan, N. *, Fukuda, E. *, & Barner.. D. (2017) The development of the mental timeline. Talk at the 39th annual meeting of the Cognitive Science Society. London, UK.
- Tillman, K. A.,** Fukuda, E. *, & Barner, D. (2017). Children’s preferences for visual representations of events. Talk at the 43rd annual meeting of the Society for Philosophy and Psychology. Baltimore, MD.
- Tillman, K. A.,** Wagner, K., & Barner, D. (2017). Training number words as proper nouns. Talk at the Society for Research in Child Development Biennial Meeting. Austin, TX.
- Tillman, K. A.** & Barner, D (2016). Conceptual structure and the semantics of time words. Talk at the 38th Annual Meeting of the Cognitive Science Society. Philadelphia, PA.

- Tillman, K. A.**, Marghetis, T., Barner, D., and Srinivasan, M. (2016). Deconstructing tomorrow: How children learn the semantics of time. Talk at the 38th annual meeting of the Cognitive Science Society. Philadelphia, PA.
- Tillman, K. A.** (2016). Children's acquisition of time words and the structure of temporal concepts. Talk at the 42nd annual meeting of the Society for Philosophy and Psychology. Austin, TX.
- Tillman, K. A.** (2016). What time word learning tells us about conceptual development. Talk at the Society for Cognitive and Language Development annual meeting. Los Angeles, CA.
- Tillman, K. A.**, & Barner, D (2013). Learning the language of time: Children's acquisition of duration words. Talk at the 35th Annual Conference of the Cognitive Science Society. Berlin, Germany.
- Tillman, K. A.**, Dubois, M., Schnebelen, W. *, & Pelli, D. G. (2011). Binding of text and speech by children. Talk at the Vision Sciences Society Annual Meeting. Naples, Florida.
- Pelli D. G., & **Tillman K. A.** (2008) The uncrowded window and the Bouma law. Talk at the European Conference on Vision Perception. Utrecht, The Netherlands.
- Pelli D. G. & **Tillman K. A.** (2007) Visual crowding distinguishes features, parts, and objects. Talk at the European Conference on Visual Perception. Arezzo, Italy.
- Tillman, K. A.**, Pelli, D. G., Freeman, J. *, Su, M., Berger, T., & Majaj, N (2007). Reading is crowded. Talk at the Vision Sciences Society annual meeting, Sarasota, Florida.
- Tillman K. A.**, & Pelli D. G. (2006). LWS: Three processes in reading. Talk at the European Conference on Visual Perception. St. Petersburg, Russia.
- Pelli, D. G., & **Tillman, K. A.** (2006). Crowding limits reading. Talk at the Vision Sciences Society annual meeting. Sarasota, Florida.

Refereed conference posters (* undergraduate mentee)

- Tillman, K. A.**, Wagner, K., & Barner, D. (2018). Children learn number words slowly because they don't identify number as a domain of linguistic meaning. Poster at the Cognitive Science Society annual meeting. Madison, WI.
- Tillman, K. A.** & Walker, C. M. (2017). Children's reasoning about causality and past-future relationships. Poster at the Cognitive Development Society biennial meeting. Portland, OR.
- Fukuda, E. *, **Tillman, K. A.**, Tulagan, N. *, & Barner, D. (2016). Development of linear representations of time in children. Poster at the Society for Cognitive and Language Development annual meeting. Los Angeles, CA.

- Fukuda, E. *, **Tillman, K. A.**, Tulagan, N. *, & Barner, D. (2016). Development of linear representations of time in children. Poster at the Undergraduate Conference for Research in the Arts, Social Sciences and Humanities (CRASSH). San Diego, CA.
- Tillman, K. A.**, Tulagan, N. *, & Barner, D. (2015). Building the mental timeline: Spatial representations of time in preschoolers. Poster at the 37th Annual Conference of the Cognitive Science Society. Quebec City, QC.
- Tillman, K. A.**, Marghetis, T., Srinivasan, M., & Barner, D. (2015). Placeholder structures in word learning: The case of deictic time. Poster at the Boston University Conference on Language Development. Boston, MA.
- Tillman, K. A.**, Cheung, P., Tulagan, N. *, & Barner, D. (2015). Do some languages tell time better than others?: Acquisition of time words in English- and Chinese-speaking children. Poster at the Cognitive Development Society biennial meeting. Philadelphia, PA.
- Tillman, K. A.**, Marghetis, T., Al Mughairy, S., Barner, D. & Srinivasan, M. (2015). The development of explicit and implicit spatial representations of time. Poster at the Cognitive Development Society biennial meeting. Columbus, OH.
- Tillman, K. A.**, Marghetis, T., Barner, D. & Srinivasan, M. (2015). When time becomes a place: Temporal gestures, timelines, and the development of children's spatial understanding of time Poster at the Society for Research in Child Development Biennial Meeting. Philadelphia, PA.
- Tillman, K. A.** & Barner, D. (2014). Preschoolers use lexical contrast to learn duration words. Poster at the 39th annual Boston University Conference on Language Development. Boston, MA.
- Marghetis, T., **Tillman, K. A.**, Srinivasan, M., & Barner, D., (2014). Learning to put time in its place: The development of spatial gestures for time. Poster at the International Society for Gesture Studies annual meeting. San Diego, CA.
- Malik-Moraleda, S. *, **Tillman, K. A.**, & Barner, D. (2013) Time word acquisition in children. 3rd Berkeley Interdisciplinary Research Conference. Berkeley, CA.
- Malik-Moraleda, S. *, **Tillman, K. A.**, & Barner, D. (2013) The acquisition of time words in children. 23rd UCLA Psychology Undergraduate Research Conference. Los Angeles, CA.
- Tillman, K. A.**, & Pelli, D. G. (2009). Reading pictures. Poster at the Vision Sciences Society annual Meeting. Naples, Florida.
- Chakravarthi R., **Tillman K. A.**, & Pelli D. G. (2009). Features used or features available? Vision Sciences Society annual meeting, Sarasota. FL.
- Tillman, K. A.**, Araki, M*., & Pelli, D. G. (2008). Crowding shows that faces have parts and bodies do not. Poster at the European Conference on Vision Perception, Utrecht, The Netherlands.
- Cantone, A. R. *, **Tillman, K. A.**, & Pelli, D. G. (2008). Eccentric features integrate slowly. Poster at the Vision

Sciences Society annual meeting. Sarasota, FL.

Tillman, K. A., Pelli, D. G., Martelli, M., Stott, J. *, & Rosenblatt, J. * (2006). Is reading serial? *Journal of Vision*, 6(6):995. Poster presented at the Vision Sciences Society annual meeting, Sarasota, FF.

Pelli D. G., **Tillman, K. A.** (2005). Spatial and temporal recognition processes in reading. European Conference on Visual Perception. A Coruna, Spain.

Pelli, D. G., Su, M., Berger, T.D., Majaj, N.J., Martelli, M., Guo, S., & **Tillman, K. A.** (2005). Crowding, shuffling, and capitalizing reveal three processes in reading. Poster at the Vision Sciences Society annual meeting. Sarasota, FL.

Invited talks

“Time and the Observer” interdisciplinary workshop; La Jolla, CA; May 4, 2018

UCSD Department of Psychiatry Markou Research Seminar Series; September 11, 2017

The University of Texas at Austin, Department of Psychology; February 15, 2017

Stanford University Psychology Department Developmental Brownbag series; November 9, 2016

UC Berkeley Department of Linguistics CogNetwork talk series; October 19, 2016

Vision Sciences Society Satellite Symposium on Crowding; Sarasota FL; May 9, 2008

Teaching

Instructor of Record, UCSD

Special Topics in Psychology: The Psychology of Time

Teaching Assistant, UCSD

Introduction to Psychology
 General Psychology: Developmental Foundations
 General Psychology: Cognitive Foundations
 Introduction to Developmental Psychology
 Introduction to Social Psychology
 Psychology of Consciousness
 Abnormal Psychology
 Criminology
 Psychological Disorders of Childhood
 Parenting

Undergraduate honors theses supervised

2017 Eren Fukuda, UCSD, “Development of the Mental Timeline in Preschool-aged Children”
 Norman Anderson Thesis Award for Contributions to Scholarship

Ad hoc reviewing

Child Development, Cognitive Science, Developmental Science, Journal of Experimental Child Psychology, Journal of Vision, Trends in Language Acquisition Research

Professional memberships

Cognitive Development Society, Cognitive Science Society, Society for Language Development, Society for Philosophy and Psychology, Society for Research in Child Development, Vision Sciences Society

Selected media coverage

For Tillman & Barner, 2015:

New York Magazine; Yahoo! Parenting; British Psychological Society

For Pelli & Tillman, 2008:

Yahoo!; Florida Statesman; Detroit Star; Washington Square News; NYU Today

For Pelli & Tillman, 2007:

WNYC Morning Edition; Scientific American; BoingBoing; British Psychological Society; NYU Today

Fiction & non-academic essays

“Locomotion.” *Storychord*, Issue 9. July 2010.

“Ways to Show Affection.” *The Sun*, Issue 365. May 2006.

“One-sentence Love Story.” *The Little Book of Water, Roads, Violence, Fireflies, Cigarettes, Heartbreak, Distance, Death, Devastation and L’Amour*. Ed. Leigh Stein. 2005.

“Dirt.” *Slash Magazine*, Issue 2. 2005.

“Cross-pollination” (with Leigh Stein). *Hothouse*, Issue 2. Ed. Roxanne M. Carter. Persephassa Press. 2005.

“Land of Enchantment.” *InTheFray*. November 2005. (Voted Best of ‘Imagine’ 2005)

“Password Protection.” *Kiss Machine*, Issue 11 (the Shame Issue). 2005.

“Intimacy: Photos by Helena Kvarnström” (Gallery introduction). Nerve.com. 2005.

Helena Kvarnström: New Photography (Catalog introduction). For Studio 19 Gallery (Easthampton, MA). Birchlane Press. 2004.

“The Secret Collector.” *Hothouse*, Issue 1. Ed. Roxanne M. Carter. Persephassa Press. 2004.

“On Girls and Boys.” *Sleeps With Monsters*, Issue 1. Ed. Leigh Stein. 2003.

Olive Food. Self-published artist’s book / creative writing collection. 2002.

“Vignette.” *Birchlane*, Vol 1. Ed. Bruce Barone. Birchlane Press. 2001.

Photography exhibitions

2009 Synthetic Zero Art Space, New York City

2007 Synthetic Zero Art Space, New York City

2005 INTIMACY: human people, Campbell Works Gallery, London, UK

2004 19 @ 19, Studio 19 gallery, Easthampton, MA