



SKILLS & SERVICES

STUDY DESIGN

Behavioral, psychophysical modeling, qualitative, quantitative, program evaluations, survey design, opinion/satisfaction polls, free

Psychopy, Qualtrics, Survey Monkey, Pavlovia, MTurk.

REPORTS & PUBLICATIONS

Publication history in high-impact journals. Evidence-based reporting for various audiences.

Office Suite, Pages, LaTeX, Keynote, GIMP, Illustrator.

DATA MANAGEMENT

Remote data collection, comprehensive analyses, visualizations tailored to various audiences.

R, SPSS, Python, XML, Office Suite, Keynote, GIMP.

COLLEGE-LEVEL TEACHING

In-person and online teaching experience at multiple universities.

Introductory Psychology, Cognitive Science, Cognitive Psychology, Learning Frameworks.

RESEARCH & CONSULTING

Director of Research 2018 – pres.
No Bullying Schools

Research Consultant 2020 – 2021
Pirkey Barber, LLP
case [4:2019cv04810](#)

Research Consultant 2017 - pres.
KimDoesResearch.com

Research Associate 2017 – 2021
University of Texas at Dallas

Research Consultant 2014 – 2015
Beck Redden, LLP
case [4:13-cv-02906](#)

Research Coordinator III 2008 – 2011
Baylor College of Medicine

EDUCATION & TEACHING

Adjunct Lecturer 2018 – pres.
University of Texas at Dallas

Associate Faculty 2017 – 2018
Collin College

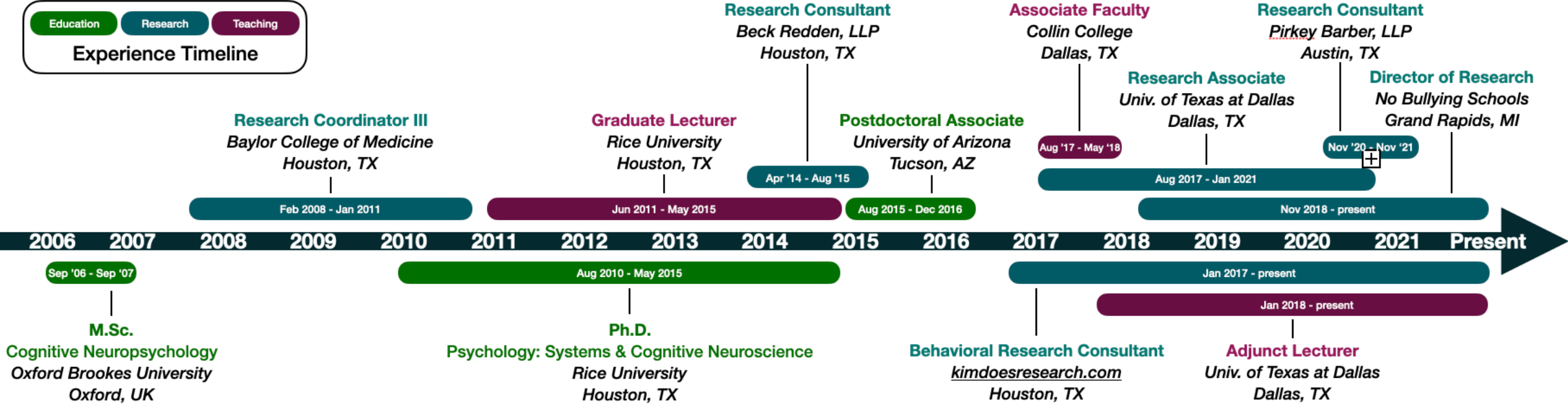
Postdoctoral Associate 2015 – 2016
University of Arizona

Ph.D. 2015
Cognitive Neuroscience
Rice University

Graduate Lecturer 2011 - 2015
Rice University

M.Sc. 2007
Cognitive Neuropsychology
Oxford Brookes University

Education Research Teaching
Experience Timeline



PUBLICATION LIST

Thelen, T., Neely, K., **Orsten Hooge, K.**, Kagan, E. (2020). *Mental Health 101 for Teens: The Practical Guide to Mental Health, Self-Esteem, & Emotional Intelligence*. Independent Publisher. ISBN-13: 979-8580124957.

Orsten-Hooge, K. D., Baragchizadeh, A., Karnowski, T. P., Bolme, D. S., Ferrell, R., Jesudasen, P. R., & O'Toole, A. J. (2020). Evaluating Automated Face Identity-Masking Methods with Human Perception and a Deep Convolutional Neural Network. *ACM Transactions on Applied Perception* 18(1), p. 1-20. <https://doi.org/10.1145/3422988>

Flowers, C. C., **Orsten-Hooge, K. D.**, Jannuzi, B. G. L., Peterson, M. A. (2020). Normative Data for an Expanded Set of Stimuli for Testing High-Level Influences on Object Perception: OMEFA-II. *PLoS One*, 15(8): e0224471. PMID: 32797090. PMCID: PMC7428090. doi: 10.1371/journal.pone.0224471

Costa, T. L., **Orsten-Hooge, K.**, Rêgo, G. G., Wagemans, J., Pomerantz, J. R., & Boggio, P. S. (2018). Neural Signatures of the Configural Superiority Effect and Fundamental Emergent Features in Human Vision. *Scientific Reports*, 8(1), 13954.

Orsten-Hooge, K. D., Portillo, M. C., & Pomerantz, J. R. (2015). False Pop Out. *Journal of Experimental Psychology: Human Perception and Performance*. 41(6),1623. PMID: 26214500

Avci, G., Hanten, G., Schmidt, A. T., Li, X., **Orsten, K.**, Post, M., & Newsome, M. R. (2013). Cognitive Contributors to resilience in youth from underserved populations: a Brief Report. *Journal of Public Mental Health*, 12(3): 165-170.

Schmidt, A. T., Hanten, G. R., Avci, G., Li, X., **Orsten, K. D.**, & Newsome, M. R. (2013). Relating resilience factors and decision-making skills in two groups of underserved adolescents: implications for intervention. *Journal of Juvenile Justice*, 2(2).

Cook, L. G., Hanten, G., **Orsten, K. D.**, Chapman, S. B., Li, X., Wilde, E. A., Schnelle, K.P., & Levin, H.S. (2013). Effects of moderate to severe traumatic brain injury on anticipating consequences of actions in adolescents: A preliminary study. *Journal of the International Neuropsychological Society*, 19(5): 508-517. doi: 10.1017/S1355617712001452. PMID: 23312035.

Hanten, G. R., Cook, L., **Orsten, K. D.**, Chapman, S. B., Li, X., Wilde, E. A., Schnelle, K. P., & Levin, H. S. (2011). Effects of traumatic brain injury on a virtual reality social problem solving task and relations to cortical thickness in adolescence. *Neuropsychologia*, 49(3), 486-497. doi: 10.1016/j.neuropsychologia.2010.12.007. PMCID: PMC3039308.

Schmidt, A. T., **Orsten, K. D.**, Hanten, G. R., Li, X., & Levin, H. S. (2010). Family environment influences emotion recognition following pediatric traumatic brain injury. *Brain Injury*, 24(13-14), 1550-1560. doi: 10.3109/02699052.2010.523047. PMCID: PMC3249284.

Schmidt, A. T., Hanten, G. R., Li, X., **Orsten, K. D.**, & Levin, H. S. (2010). Emotion recognition following pediatric traumatic brain injury: Longitudinal analysis of emotional prosody and facial expression. *Neuropsychologia*, 48(10), 2869-2877. doi: 10.1016/j.neuropsychologia.2010.05.029. PMCID: PMC2915940.

Orsten, K. D. (2007). Bilingual lexical organization and the effects of learning a second language later in life: a recurrent network model. Masters Thesis, Oxford Brookes University, Oxford, UK

CONFERENCE & SEMINAR TALKS

Pomerantz, J. R., Qiang, B., & **Orsten, K. D.** (2014, November). A New Performance Measure of perceptual grouping. Talk presented at the 2014 Configural Processing Consortium, Long Beach, California, USA.

Orsten, K. D. (2014, August). The whole story of visual perception. Talk presented at the Rice University Cog Tea seminar, Houston, Texas.

Orsten, K. D., & Pomerantz, J. R. (2014, May). A Turn in the Road. Talk presented at the Neural Correlate Society Annual Illusion of the Year Contest, St. Pete Beach, Florida, USA.

Orsten, K. D., & Pomerantz, J. R. (2013, November). Pure False Pop Out, "Anti-Metamers" and Visual Salience. Poster presented at the 21st Annual Meeting on Object Perception, Attention and Memory, Toronto, Ontario, Canada.

Orsten, K. D., & Pomerantz, J. R. (2013, May). False Pop Out and "Anti-Metamers". Poster presented at the 13th Annual Vision Sciences Society Conference, Naples, Florida, USA.

Orsten, K. D. (2013, April). The road to pure False Pop Out: An autobiography. Talk presented at the Rice University Cog Tea seminar, Houston, Texas.

Orsten, K. D., & Pomerantz, J. R. (2013, March). Pure False Pop Out. Talk presented at the 2013 Meeting of the Society for Experimental Psychology, Providence, RI, USA.

Orsten, K. D., & Pomerantz, J. R. (2012, November). Pop out, true and false. Talk presented at the 2012 Configural Processing Consortium, Minneapolis, Minnesota, USA.

Pomerantz, J. R., Cragin, A. I., **Orsten, K. D.**, & Portillo, M. C. (2012, May). The computational and cortical bases for configural superiority. Talk presented at the 12th Annual Vision Sciences Society Conference, Naples, FL, USA.

Orsten, K. D., & Pomerantz, J. R. (2012, March). False Pop Out, Symmetry Breaking, and the Theory of Basic Gestalts. Talk presented at the 2012 Meeting of the Society for Experimental Psychology, Houston, TX, USA.

Orsten, K. D. (2012, April). Pop Out in visual search: Comparing predictions from Feature Integration, Guided Search, and the Theory of Basic Gestalts. Talk presented at the Rice University Cog Tea seminar, Houston, Texas.

Orsten, K.D. (2011, April). False Pop-Out in an odd quadrant visual search task. Talk presented at the Rice University Cog Tea seminar, Houston, Texas.

Schmidt, A.T., & **Orsten, K.D.** (2009, May). Cerebral Palsy: clinical correlates and assessment considerations. Case study presented at the Neuropsychology Seminar for Psychology Services, Texas Children's Hospital and Baylor College of Medicine, Houston, Texas.

CONFERENCE POSTER SESSIONS

Orsten-Hooge, K. D., Skocypec, R., Jannuzi, B. & Peterson, M. A. (2016, November). Semantic Priming Facilitates Object Detection via Predictive Coding. Poster presented at the 24th Annual Meeting on Object Perception, Attention and Memory, Boston, Massachusetts, USA.

Costa, T., **Orsten-Hooge, K. D.**, Rego, G. G., Pomerantz, J. R., & Boggio, P. S. (2016, May). Neural Correlates of Configural Superiority and Emergent Features: an ERP study. Poster presented at the 16th Annual Vision Sciences Society Conference, St. Pete Beach, Florida, USA.

Mestry, N. **Orsten-Hooge, K. D.**, Pomerantz, J. R. & Donnelly, N. (2016, May). Eye Movements Reveal the Competition Between Basic and Configural Features in False Pop Out in Visual Search. Poster presented at the 16th Annual Vision Sciences Society Conference, St. Pete Beach, Florida, USA.

Orsten-Hooge, K. D., Skocypec, R. & Peterson, M. A. (2016, May). Semantic Priming Facilitates Figure Assignment. Poster presented at the 16th Annual Vision Sciences Society Conference, St. Pete Beach, Florida, USA.

Orsten, K. D. & Pomerantz, J. R. (2014, May). Is False Pop Out really pop out: Evidence from pilot RT functions. Poster presented at the 14th Annual Vision Sciences Society Conference, St. Pete Beach, Florida.

Pomerantz, J. R., Qiang, B., Austin, A., & **Orsten, K. D.** (2014, May). Target localization responses diagnose Emergent Features in singleton pop out. Poster presented at the 14th Annual Vision Sciences Society Conference, St. Pete Beach, Florida.

Orsten, K. D. & Pomerantz, J. R., (2013, November). Pure False Pop Out, "Anti-Metamers" and Visual Saliency. Poster presented at the 21st Annual Meeting on Object Perception Attention and Memory, Toronto, Ontario, Canada.

Orsten, K. D. & Pomerantz, J. R. (2013, May). False Pop Out and "Anti-Metamers". Poster presented at the 13th Annual Vision Sciences Society Conference, Naples, Florida.

Orsten, K. D., Hahn, A., & Pomerantz, J. R., (2012, November). Pattern-breaking Pop Out: Further preliminary evidence in support of the Theory of Basic Gestalts. Poster presented at the 2012 Configural Processing Consortium, Minneapolis, MN, USA.

Orsten, K. D. & Pomerantz, J. R. (2012, May). False Pop Out and Pattern-breaking Pop Out: Evidence of configural disruption in conventional pop out. Poster presented at the 12th Annual Vision Sciences Society Conference, Naples, Florida.

Orsten, K. D., Portillo, M., & Pomerantz, J. R. (2011, November). A symmetry-breaking theory of false pop-out. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA, USA.

Orsten, K. D., Portillo, M., & Pomerantz, J. R. (2011, May). False pop-out in an odd quadrant visual search task. Poster presented at the 11th Annual Vision Sciences Society Conference, Naples, Florida.

Orsten, K. D., Schmidt, A. T., Hanten, G. R., & Newsome, M. R. (2010, June). Neurocognitive and psychiatric contributors to resilience: A preliminary case series. Poster presented at the Second International Pathways to Resilience Conference, Halifax, Nova Scotia.

CONFERENCE POSTER SESSIONS (CONT.)

Schmidt, A. T., **Orsten, K. D.**, Li, X., Hanten, G. R., & Levin, H. S. (2010, February). Family moderators of emotional prosody and adaptive functioning following pediatric traumatic brain injury. Poster presented at the International Neuropsychological Society 38th Annual Meeting, Acapulco, Mexico.

Schmidt, A. T., Wilde, E. A., **Orsten, K. D.**, Li, X., & Levin, H. S. (2009, October). Neuroimaging correlates of parent reported executive dysfunction following pediatric traumatic brain injury or orthopedic injury: a preliminary investigation. Poster presented at the Society for Neuroscience - Neuroscience 2009, Chicago, Illinois.

Davis, S. E. & **Orsten K. D.** (2005, April). The influence of auditory stimulation on visual targeting performance. Poster presented at the 85th Annual Meeting of the Western Psychological Association, Portland, Oregon.