

## Curriculum Vitae of Zsuzsa Kaldy, PhD

Associate Professor

UMass Boston, Dept. of Psychology

[zsuzsa.kaldy@umb.edu](mailto:zsuzsa.kaldy@umb.edu)

### Research interests

- Visual development and its neural underpinnings
- Visual attention and working memory in typically developing infants and toddlers
- Early development of attentional mechanisms in Autism Spectrum Disorder

### Positions

2016, 2017	Visiting Professor, Center for Mind/Brain Sciences (CIMEC), University of Trento, Rovereto, Italy
<b>2009-</b>	<b>Associate Professor, University of Massachusetts Boston, Boston, MA</b>
2003-2009	Assistant Professor, University of Massachusetts Boston, Boston, MA
2000	Guest Lecturer, Dept. of Psychology, University of Szeged, Szeged, Hungary
1999-2003	Teaching Assistant, Rutgers University, New Brunswick, NJ
1997-1998	Teaching Assistant, Eötvös Loránd University, Budapest, Hungary

### Education

<b>2003</b>	<b>Ph.D. in Psychology, Rutgers University, New Brunswick, NJ</b>
2001	Fellow of the Cold Spring Harbor Laboratory Summer Course, Cold Spring Harbor, NY
<b>2001</b>	<b>M.S. in Psychology, Rutgers University, New Brunswick, NJ</b>
1999	Fellow of the Summer Institute for Cognitive Neuroscience, Dartmouth College, Hanover, NH
<b>1998</b>	<b>M.A. in Psychology, Eötvös Loránd University, Budapest, Hungary</b>
1995-1996	Eötvös Loránd University, Budapest, Hungary, two semesters in Mathematics
1994-1998	Invisible College (an institution offering British-type tutorial education), areas covered: evolutionary psychology, connectionism, psycholinguistics

### Awards and Grants

- NIH/NICHHD R15 research grant (new)  
“Cognitive effort and capacity in visual working memory development”  
Role: **Principal Investigator**, Co-Investigator: Erik Blaser  
Grant period: 12/18/2015-11/30/2018
- Seed Grant from the Simons Foundation (competitive renewal)  
“The early development of attentional mechanisms in ASD”  
Role: **Principal Investigator**, Co-PI: Nancy Kanwisher (MIT), Co-Investigators: Erik Blaser (UMB), Alice Carter (UMB), Jason Fischer (MIT)  
Grant period: 6/1/2015-11/30/2016
- Seed Grant from the Simons Foundation (new)  
“The early development of attentional mechanisms in ASD”  
Role: **Principal Investigator**, Co-PI: Nancy Kanwisher (MIT), Co-Investigators: Erik Blaser (UMB), Alice Carter (UMB), Jason Fischer (MIT)  
Grant period: 12/1/2013- 5/31/2015
- NIH/NEI R15 research grant (competitive renewal)

“Infants’ visual working memory tested with salience-mapped objects”

Role: **Co-Investigator**, PI: Erik Blaser

Grant period: 8/1/2010-7/31/2013

- NIH/NEI R15 research grant (new)  
“Infants’ visual working memory tested with salience-mapped objects”  
Role: **Co-Investigator**, PI: Erik Blaser  
Grant period: 8/1/2007-7/31/2010
- UMass President's Science and Technology Initiatives Grant  
“Development of screening tools for early detection of anxiety disorders”  
Role: **Principal Investigator**, Co-Investigators: Erik Blaser, Alice Carter  
Grant period: 8/1/2008-7/31/2010  
- with an additional equipment award from UMass Boston’s Venture Development Center
- International Research Initiative Seed Grant, UMass Boston, March 2017
- Proposal Development Grant, UMass Boston, March 2006
- Early Career Researcher Travel Award, International Conference for Infancy Studies, Kyoto, June 2006
- Joseph P. Healey Endowment Grant, UMass Boston, March 2004; March 2008
- Graduate Fellowship from the Laboratory of Vision Research, Rutgers University (1998/99)
- Walter C. Russell Tuition Scholarship, Rutgers University (1998/99)
- Central European Exchange Program for University Students (CEEPUS) Scholarship, University of Vienna, Austria, Spring 1997

## **Publications**

\*denotes student co-author

*Note on authorship: I recently changed authorship conventions to match those predominant in neuroscience. Starting with papers published in 2014, I am last author on empirical papers coming out of my lab.*

### **Edited book:**

Sigala, N., & **Kaldy, Z.** Eds. (forthcoming in 2017). *The cognitive neuroscience of visual working memory*. Lausanne: Frontiers Media.

### **Journal articles:**

**Kaldy, Z.**, & Sigala, N. (2017). Editorial: The cognitive neuroscience of visual working memory. *Frontiers in Systems Neuroscience*, 11,1; [doi: 10.3389/fnsys.2017.00001](https://doi.org/10.3389/fnsys.2017.00001)

Király, I., Takács\*, S., **Kaldy, Z.**, & Blaser, E. (2017). Preschoolers have better long-term memory for rhyming text than adults. *Developmental Science*. doi: 10.1111/desc.12398.

Fitch\*#, A., Smith\*#, H., Guillory\*, S., & **Kaldy, Z.** (2016). Off to a good start: The early development of the neural substrates underlying visual working memory. *Frontiers in Systems Neuroscience*, 10, 68; [doi: 10.3389/fnsys.2016.00068](https://doi.org/10.3389/fnsys.2016.00068) #co-first authors

- Ganea, P., Fitch\*, A., Harris, P., & **Kaldy, Z.** (2016). 16-month-olds use language to update expectations about the visual world. *Journal of Experimental Child Psychology*, *151*, 65-76.
- Fischer\*, J., Smith\*, H., Martinez Pedraza\*, F., Carter, A. S., Kanwisher, N., & **Kaldy, Z.** (2016). Unimpaired attentional disengagement in toddlers with Autism Spectrum Disorder. *Developmental Science*, *19*, 1095-1103.
- Kaldy Z.**, Guillory\*, S., & Blaser, E. (2016). Delayed Match Retrieval: A novel anticipation-based Visual Working Memory paradigm. *Developmental Science*, *19*, 892-900.
- Blaser, E., Eglinton\*, L., Carter, A. S., & **Kaldy, Z.** (2014). Pupillometry reveals a mechanism for the Autism Spectrum Disorder (ASD) advantage in visual tasks. *Scientific Reports*, *4*, 4301; [doi:10.1038/srep04301](https://doi.org/10.1038/srep04301).
- Kaldy, Z.**, Giserman\*, I., Carter, A. S., & Blaser, E. (2016). The mechanisms underlying the ASD advantage in visual search. *Journal of Autism and Developmental Disorders*, *46*, 1513-1527. Published online: Oct 2013.
- Kaldy, Z.**, & Blaser, E. (2013). Red to green or fast to slow? Visual Working Memory for 'Just Salient Differences'. *Child Development*, *84*, 1855-1862.
- Kaldy, Z.**, Kraper\*, C., Carter, A. S., & Blaser, E. (2011). Toddlers with Autism Spectrum Disorder are more successful at visual search than typically developing toddlers. *Developmental Science*, *14*, 980-988.
- Blaser, E., & **Kaldy, Z.** (2010). Infants get five stars on iconic memory tests: A partial report test of 6-month-old infants' iconic memory capacity. *Psychological Science*, *21*, 1643-1645.
- Kaldy, Z.**, & Blaser, E. (2009). How to compare apples and oranges: Infants' object identification tested with equally salient shape, luminance and color changes. *Infancy*, *14*, 222-243.
- Leslie, A., & **Kaldy, Z.** (2007). Things to remember: Limits, codes, and the development of object working memory in the first year. In: Oakes, L. M. & Bower, P. J. (Eds.) *Short- and long-term memory in infancy and early childhood: Taking the first steps toward remembering*. pp. 103-125. Oxford, Oxford University Press.
- Kaldy, Z.**, Blaser, E., & Leslie, A. M. (2006). A new method for calibrating perceptual salience across dimensions in infants: The case of color vs. luminance. *Developmental Science*, *9*, 482-489.
- Kaldy, Z.** (2006). Methodological problems in infancy research: What are infants interested in? In: Gervain, J., Kovács, K., Lukács, A. & Racsmány, M. (Eds.) *A mind with a thousand faces. A Festschrift in honor of Csaba Pleh*. Budapest, Akademiai Press. pp. 390-397. (In Hungarian)
- Kaldy, Z.**, & Leslie, A. (2005). A memory span of one? Object identification in 6.5-month-old infants. *Cognition*, *57*, 153-177.
- Kaldy, Z.**, & Sigala, N. (2004). The neural mechanisms of object working memory: What is where in the infant brain? *Neuroscience & Biobehavioral Reviews*, *28*, 113-121.
- Kaldy, Z.**, & Kovács, I. (2004). Is there an independent planning system? Suggestions from a developmental perspective. *Behavioral & Brain Sciences*, *27*, 41-42.
- Kaldy, Z.** (2004). Slow developmental processes of the visual system. In: J. Gervain & C. Pleh (Eds.) *Invisible cognition*. Gondolat, Budapest. pp. 45-52. (In Hungarian)
- Kaldy, Z.**, & Kovács, I. (2003). Visual context integration is not fully developed in 4-year-old children. *Perception*, *32*, 657-666.

**Kaldy, Z.**, & Leslie, A. M. (2003). Identification of objects in 9-month-old infants: integrating 'what' and 'where' information. *Developmental Science*, 6, 360-373.

Leslie, A. M., & **Kaldy, Z.** (2001). Indexing individual objects in infant working memory. *Journal of Experimental Child Psychology*, 78, 61-74.

**Kaldy, Z.** (2001). A critical picture of evolutionary psychology. In: C. Pléh, A. Lukács (Eds.) *Mind and evolution*. Typotex, Budapest. (In Hungarian)

**Kaldy, Z.** (1999). Birds, vervets and referentiality. *Hungarian Psychological Review (Magyar Pszichológiai Szemle)*, 53, 71-75. (In Hungarian)

**Kaldy, Z.** (1997). On the proper treatment of Microcognition. *Psychology (Pszichológia)*, 17, 181-193. (In Hungarian)

**Kaldy, Z.** (1997). Review of D. C. Dennett: Kinds of Minds. *Budapest Review of Books (BUKSZ)*, 9, 92-95. (In Hungarian), see: <http://www.c3.hu/scripta/buksz/97/01/kaldy.htm>

Pleh, C., & **Kaldy, Z.** (1996). Where does story grammar come from? Commentary on R. Miikkulainen: Subsymbolic Natural Language Processing. *Psychology (e-journal)*, 7(34)  
<http://www.cogsci.ecs.soton.ac.uk/cgi/psyc/newpsy?7.34>

**Kaldy, Z.** (1996). What does the cow drink? Review of D. R. Hofstadter: Fluid concepts and creative analogies. *Hungarian Psychological Review (Magyar Pszichológiai Szemle)*, 53, 186-198. (In Hungarian)

## Conferences

\*denotes student co-author

**Kaldy, Z.**, Dhungana\*, S., & Blaser, E. (2017). *A not-so-narrow spotlight: Infants can encode information about objects into VSTM that were not fixated*. Poster to be presented at the Annual Meeting of the Vision Sciences Society, May 19-24, 2017, St. Pete Beach, FL.

Fitch\*, A., Groth\*, A., Ganea, P., Carter, A. S., & **Kaldy, Z.** (2017). *Minimally verbal two-year-olds with ASD succeed in using linguistic information to generate expectations about the visual world*. Paper to be presented at the International Meeting for Autism Research, May 10-13, 2017, San Francisco, CA.

Krogh-Jespersen, S., **Kaldy, Z.**, Carter, A. S., Groth\*, A., Mordini\*, N., & Woodward, A. (2017). *Goal Prediction in Typically Developing Children and Children with Autism Spectrum Disorder: An Eye-Tracking Study*. Poster to be presented at the Biennial Meeting of the Society for Research in Child Development, April 6-8, 2017, Austin, TX.

Cheng\*, C., **Kaldy, Z.**, Dhungana\*, S., & Blaser, E. (2017). *Using object history to predict future behavior: Are young infants essentialists?* Poster to be presented at the Biennial Meeting of the Society for Research in Child Development, April 6-8, 2017, Austin, TX.

Fitch\*, A., Groth\*, A., Ganea, P., Carter, A. S., & **Kaldy, Z.** (2017). *Toddlers with ASD can use language to form expectations about the visual world*. Poster to be presented at the Biennial Meeting of the Society for Research in Child Development, April 6-8, 2017, Austin, TX.

Guillory\*, S. B., Blaser, E., Ivester\*, R., & **Kaldy, Z.** (2016). *Expectations can influence cognitive resource allocation in a visual short-term memory task: evidence from behavioral and pupillometric measures*. Poster presented at the Annual Meeting of the Association for Psychological Science, May 26-29, 2016, Chicago, IL.

- Cheng\*, C. **Kaldy, Z.**, & Blaser, E. (2016). *Development of Visual Working Memory in 13- to 16-month olds in an anticipatory looking task*. Poster presented at the International Conference on Infant Studies, May 24-26, 2016, New Orleans, LA.
- Fitch\*, A., Ganea, P., Harris, P., & **Kaldy, Z.** (2016). *Infants continue to trust language input even after multiple false testimonies*. Poster presented at the International Conference on Infant Studies, May 24-26, 2016, New Orleans, LA.
- Fitch\*, A., & **Kaldy, Z.** (2016). *Preverbal infants' use of labels in visual working memory: An eye-tracking study using Delayed Match Retrieval*. Poster presented at the International Conference on Infant Studies, May 24-26, 2016, New Orleans, LA.
- Cheng\*, C. **Kaldy, Z.**, & Blaser, E. (2016). *Accounting for cognitive effort in a visual working memory task in 13- and 15-month old infants*. Poster presented at the Annual Meeting of the Vision Sciences Society, May 13-18, 2016, St. Pete Beach, FL.
- Guillory\*, S. B., & **Kaldy, Z.** (2016). *Quantifying the effect of a distractor on the fidelity of visual working memory representations in 4-7-year-old children and adults*. Poster presented at the Annual Meeting of the Vision Sciences Society, May 13-18, 2016, St. Pete Beach, FL.
- Smith\*, H., Carter, A.S., **Kaldy, Z.**, & Blaser, E. (2015). *The Cost of Attentional Engagement: Target Switching during Visual Search in 2-Year-Old Toddlers with ASD*. Poster presented at the Simons Center Annual Poster Session, MIT, Oct 23, 2015, Cambridge, MA.
- Fitch\*, A., Ganea, P., Harris, P., & **Kaldy, Z.** (2015). *16-month-olds use language to generate expectations about the visual world*. Poster presented at the Annual Meeting of the Cognitive Science Society, July 23-25, 2015, Pasadena, CA.
- Smith\*, H., Carter, A.S., **Kaldy, Z.**, & Blaser, E. (2015). *The Cost of Attentional Engagement: Target Switching during Visual Search in 2-Year-Old Toddlers with ASD*. Poster presented at the International Meeting for Autism Research, May 13-16, 2015, Salt Lake City, UT.
- O'Grady\*, S, Guillory\*, S. B., Blaser, E., & **Kaldy, Z.** (2015). *21-Month-Old Toddlers Pass an Anticipatory Version of the Invisible Displacement Task*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, March 19-21, 2015, Philadelphia, PA.
- Smith\*, H., Fischer, J., Kanwisher, N., Carter, A. S., Blaser, E., & **Kaldy, Z.** (2015). *An Eye-Tracking Study of Attentional Disengagement and Social Orienting in 2-Year-Old Toddlers*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, March 19-21, 2015, Philadelphia, PA.
- Guillory\*, S. B., Scipione\*, N. & **Kaldy, Z.** (2015). *An Eye-Tracking Study of Infants' Accumulation of Visual Memories in Scenes*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, March 19-21, 2015, Philadelphia, PA.
- Smith\*, H., **Kaldy, Z.**, & Blaser, E. (2015). *Can 2-Year-Old Toddlers Switch Targets During Visual Search?* Poster presented at the Biennial Meeting of the Society for Research in Child Development, March 19-21, 2015, Philadelphia, PA.
- Smith\*, H., Carter, A., Blaser, E., & **Kaldy, Z.** (2014). *The cost of attentional engagement: Target switching during visual search in 2-year-old toddlers with ASD*. Poster presented at the Simons Center Annual Poster Session, MIT, Nov 21, 2014, Cambridge, MA.

- Guillory\*, S. B., Blaser, E., & **Kaldy, Z.** (2014). *Task-evoked pupillary response predicts performance in a visual working memory task in 7-10-months-olds*. Poster presented at the International Conference on Infant Studies, July 3-5, 2014, Berlin, Germany.
- Kaldy, Z.**, Guillory\*, S. B., Carter, A. S., Martinez Pedraza\*, F., Groth\*, A., & Blaser, E. (2014). *Increased attentional focus in 2-year-old toddlers with ASD*. Poster presented at the International Conference on Infant Studies, July 3-5, 2014, Berlin, Germany.
- Groth\*, A., Guillory\*, S. B., Blaser, E., & **Kaldy, Z.** (2014). *IQ measure correlates with performance on a visual search paradigm in toddlers*. Poster presented at the Annual Meeting of the Vision Sciences Society, May 16-21, 2014, St. Pete Beach, FL.
- Guillory\*, S. B., **Kaldy, Z.**, Shukla, M., & Pomplun, M. (2014). *Pupil dilation predicts memory strength in a visual short-term memory task*. Poster presented at the Annual Meeting of the Vision Sciences Society, May 16-21, 2014, St. Pete Beach, FL.
- Smith\*, H., Guillory\*, S. B., Blaser, E., & **Kaldy, Z.** (2014). *Resistance to distraction in visual search in 2-year-old toddlers with and without Autism Spectrum Disorder (ASD)*. Poster presented at the Annual Meeting of the Vision Sciences Society, May 16-21, 2014, St. Pete Beach, FL.
- Kaldy, Z.**, Blaser, E., Guillory\*, S. B., Carter, A. S., Martinez Pedraza\*, F., & Groth\*, A. (2013). *Increased task-specific attentional focus in 2-year-old toddlers with ASD*. Poster presented at the Workshop 'Learning to Attend, Attending to Learn': Neurological, Behavioral and Computational Perspectives. Nov 6-7, 2013, San Diego, CA.
- Kaldy, Z.**, Blaser, E., & Guillory\*, S. (2013). *Putting memory to work: A novel anticipation-based visual working memory task for infants*. Paper presented at the Biennial Meeting of the European Society for Cognitive Psychology. Aug 29-Sept 1, 2013, Budapest, Hungary.
- Guillory\*, S., Blaser, E., Eglinton, L., & **Kaldy, Z.** (2013). *Task-evoked pupillary responses in iconic memory*. Poster presented at the Annual Meeting of the Vision Sciences Society, May 10-15, 2013, Naples, FL.
- Kaldy, Z.**, Blaser, E., & Guillory\*, S. (2013). *Infants can play the Memory Game: A novel anticipation-based object/location task*. Paper presented as part of the Symposium "Knowing 'What' is 'Where': New Findings on Object Individuation and Identification in Infancy" Biennial Meeting of the Society for Research in Child Development, April 18-21, 2013, Seattle, WA.
- Király, I., Takács\*, S., **Kaldy, Z.**, & Blaser, E. (2013). *Long-term recall of rhyming text: Preschoolers are better than adults*. Poster presented at the 2013 CEU Conference on Cognitive Development, Central European University, Jan 10-12, 2013, Budapest, Hungary.
- Kaldy, Z.**, Blaser, E., & Biondi\*, M. (2012). *Can infants play the "Memory" game?* Poster presented at the International Conference on Infant Studies, June 6-10, 2012, Minneapolis, MN.
- Blaser, E., Eglinton\*, L., & **Kaldy, Z.** (2012). *Toddlers with ASD are better at visual search without trying harder: a pupillometric study*. Poster presented at the Annual Meeting of the Vision Sciences Society, May 11-16, 2012, Naples, FL.
- Kaldy, Z.**, & Blaser, E. (2012). *Red to green or fast to slow: Infants' use of equally salient static (color) versus dynamic (rotation speed) features in object identification*. Poster presented at the 2012 Budapest CEU Conference on Cognitive Development, Jan 12-14, 2012, Budapest, Hungary.

- Blaser, E., & **Kaldy, Z.** (2011). *Fast development of iconic memory: Infants' capacity matches adults*. Poster presented at the European Conference on Visual Perception, Aug 28-Sept 1, 2011, Toulouse, France.
- Kaldy, Z.**, Blaser, E., & Biondi\*, M. (2011). Iconic memory capacity in 6-month-old infants and adults. Paper presented as part of the Symposium: *New and Robust Approaches to the Study of Object Cognition: Integrating Methods Across Age Groups*. Biennial Meeting of the Society of Research in Child Development, March 30-Apr 2, 2011, Montreal, Canada.
- Ganea, P., **Kaldy, Z.**, Biondi\*, M., & Harris, P. (2011). *What is the time course of verbal updating? Infants' use of language to update mental representations*. Poster presented at the Biennial Meeting of the Society of Research in Child Development, March 30-Apr 2, 2011, Montreal, Canada.
- Kaldy, Z.**, & Blaser, E. (2011). The first buffer of visual information: Iconic memory in infants. Paper presented as part of the Symposium: *Memory Development in Infancy*. 2011 Budapest CEU Conference on Cognitive Development, Jan 14-16, 2011, Budapest, Hungary.
- Kraper\*, C., **Kaldy, Z.**, Blaser, E., & Carter, A. S. (2010). *2.5-year-old toddlers with Autism Spectrum Disorder are more successful at visual search than typically developing toddlers*. Poster presented at the International Meeting for Autism Research, May 20-22, 2010, Philadelphia, PA.
- Blaser, E., **Kaldy, Z.**, Lo\*, H., & Biondi\*, M. (2010). *A salience-mapping method for testing infants' speed vs. luminance visual working memory*. Poster presented at the Annual Meeting of the Vision Sciences Society, May 7-13, 2010, Naples, FL.
- Kaldy, Z.**, Blaser, E., & Biondi\*, M. (2010). *Measuring iconic memory capacity in 6-month-old infants using partial report*. Poster presented at the Biennial Meeting of the International Conference on Infant Studies, March 11-14, 2010, Baltimore, MD.
- Kaldy, Z.**, Blaser, E., Kraper\*, C., Higgins\*, E., & Carter, A. (2009). *Visual search without instructions: An eye-tracking study with toddlers*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Apr 2-4, 2009, Denver, CO.
- Kraper\*, C., **Kaldy, Z.**, Higgins\*, E., Blaser, E., & Carter, A. (2009). *Do toddlers experience the McGurk Illusion? An eye-tracking study*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Apr 2-4, 2009, Denver, CO.
- Franklin, A. & **Kaldy, Z.** (2008). *How infants use color in understanding the physical world*. Symposium co-chaired at the International Conference on Infant Studies, March 27-29, Vancouver, Canada.
- Kaldy, Z.**, Blaser, E., & Crug\*, A. (2008). *What is the "same amount of change" for infants?* Paper presented at the International Conference on Infant Studies, March 27-29, Vancouver, Canada.
- Kaldy, Z.**, & Blaser, E. (2007). *Infants' visual working memory for shape, luminance and color tested with equally salient objects*. Poster presented at the European Conference of Visual Perception, Aug 25-31, Arezzo, Italy.
- Kaldy, Z.**, & Blaser, E. (2007). *Infants' visual working memory for shape, luminance and color tested with equally salient objects*. Poster presented at the Annual Meeting of the Vision Sciences Society, May 11-16, Sarasota, FL.

**Kaldy, Z., & Blaser, E. & Vazquez\*, M. D. (2007).** *Infants' visual working memory for shape and luminance tested with equally salient objects.* Poster presented at the Annual Meeting of the Eastern Psychological Association, March 22-25, Philadelphia, PA.

**Kaldy, Z., & Blaser, E. (2006).** *Comparing apples and oranges: The problem of inter-dimensional salience in infancy research.* Paper presented at the International Conference on Infant Studies, June 19-23, Kyoto, Japan.

**Kaldy, Z., Blaser, E. & Kibbe\*, M. (2006).** *Detection vs. salience of color and motion-defined stimuli in 6-month-old infants.* Poster presented at the Annual Meeting of the Vision Sciences Society, May 9-13, Sarasota, FL.

**Kaldy, Z., Blaser, E., Kibbe\*, M., & Pomplun, M. (2005).** *What drives visual salience in young infants?* Poster presented at the Annual Meeting of the Vision Sciences Society, May 6-11, Sarasota, FL.

Blaser, E., **Kaldy, Z., Eddy\*, K., & Pomplun, M. (2005).** *Determining salience for complex objects.* Poster presented at the Annual Meeting of the Vision Sciences Society, May 6-11, Sarasota, FL.

**Kaldy, Z., & Blaser, E. (2005).** *Visual salience relations reflect perceptual development in 5- and 6-month-old infants.* Poster presented at the Biennial Meeting of the Society for Research in Child Psychology, May 5-8, Atlanta, GA.

**Kaldy, Z., & Blaser, E. (2004).** *Iso-salient color and luminance information in visual working memory.* Poster presented at the European Conference on Visual Perception, Aug 22-26, Budapest, Hungary.

**Kaldy, Z., Blaser, E., & Leslie, A. (2004).** *Iso-salient color and luminance information in object identification.* Poster presented at the International Conference on Infant Studies, May 5-8, Chicago, IL.

**Kaldy, Z. (2002).** *Competition for working memory resources in 9-month-olds infants.* Poster presented at the International Conference on Infant Studies, Apr 18-21, Toronto, Canada.

**Kaldy, Z. (2001).** *Object identification by feature at 9 months.* Poster presented at the Biennial Meeting of the Society for Research in Child Development, Apr 19-22, Minneapolis, MN.

**Kaldy, Z., & Leslie, A.M. (2000).** *Object identification in a simple hiding task: at 9 months.* Poster presented at the International Conference on Infant Studies, July 16-19, Brighton, UK.

**Kaldy, Z., & Kovacs, I. (2000).** *Visual context integration is not fully developed in 4-5-year-old children.* Poster presented at the Association for Research in Vision and Ophthalmology, Apr 30-May 5, Fort Lauderdale, FL.

### **Invited talks**

Boston University, Boston, MA, Feb 15, 2017 (postponed); Apr 7, 2004

National University of Singapore, Singapore, SG, Sept 23, 2016

Tulane University, New Orleans, LA, Jan 22, 2016

Harvard Medical School, Boston, MA, Oct 26, 2015

Massachusetts Institute of Technology, Boston, MA, May 22, 2015; Dec 4, 2002

Rutgers University, Piscataway, NJ, Oct 14, 2014; Oct 27, 2007

University of Connecticut, Storrs, CT, March 7, 2014

Central European University, Budapest, Hungary, July 17, 2013; Nov 11, 2009

Oxford University, Oxford, England (postponed)



UMass Amherst, Amherst, MA, Nov 6, 2012  
Eötvös Loránd University, Budapest, Hungary, Nov 2, 2009  
Colby College, Waterville, ME, Apr 10, 2009  
Harvard University, Cambridge, MA, Feb 12, 2007  
Yale University, New Haven, CT, Nov 2, 2005  
Eunice Kennedy Shriver Center, Waltham, MA, March 5, 2005  
Budapest Technical University, Budapest, Hungary, Dec 20, 2002  
University of Massachusetts Boston, MA, Nov 21, 2002

### **Professional service**

- Guest Associate Editor for a Research Topic in *Frontiers in Systems Neuroscience* (with Natasha Sigala): *The cognitive neuroscience of visual working memory* (2016)  
<http://journal.frontiersin.org/researchtopic/3444/the-cognitive-neuroscience-of-visual-working-memory>

### **Reviewing experience**

- Grant proposals:
  - *National Institutes of Health*, Center for Scientific Review, Cognition and Perception Study Section, Temporary Member (Oct 2015, Feb 2017)
  - *National Science Foundation's* Developmental and Learning Science (DLS) Program, Member of the "College of Reviewers" (Jan 2014-Sept 2016, 6 review cycles)
  - *National Science Foundation Graduate Research Fellowship*, Panel member (2011, 2013)
  - *Simons Center for the Social Brain (MIT)*, Grant Review Panel (member, Oct 2015)
  - *Marsden Fund, New Zealand* (ad hoc member)
  - *Hungarian Science Foundation* (ad hoc member)
- Journals: *Current Biology*, *Trends in Cognitive Sciences*; *Cognition*; *Cognitive Psychology*; *Child Development*; *Infancy*; *Developmental Science*; *Developmental Psychology*; *Journal of Child Psychology & Psychiatry*; *Journal of Experimental Child Psychology*; *British Journal of Developmental Psychology*; *Vision Research*; *Perception*; *Attention, Perception & Psychophysics*; *Brain & Behavior*; *Experimental Brain Research*; *Visual Cognition*; *Journal of Autism and Developmental Disorders*, *Autism Research*
- Books: *Lawrence Erlbaum Associates*, *Oxford University Press*
- Conference submissions: *Society for Research in Child Development*, *Meetings of the Cognitive Science Society*, *International Conference on Infant Studies*

### **Research Mentoring**

- Undergraduate students:
  - *Research Apprenticeships* (over 120 undergraduate students, 200 research semesters)
  - *Independent Studies* (12 students)
  - *Honor's Thesis* (8 students)
- Graduate students:
  - *Advisor to PhD students*: Katherine Kraper (Clinical Psychology Program), Sylvia Guillory, Hayley Smith, Allison Fitch, *co-advisor*: Chen Cheng (Dev. & Brain Sciences Program)
  - *Member of advisory/dissertation committees*: Anne Gavin, Jillian Bennett (Clin. Psych.), Mihye Choi, Amanda Madden, Doris Chow, Ertugrul Uysal, Corey Calhoun (DBS), Kimberly MacKenzie (Brandeis University)
- Notable mentee achievements:

- Dr. Melissa Kibbe (BS, 2005) – Assistant Professor of Psychology at Boston University, MA
- Dr. Maria Dolores Vazquez (BA, 2007) – Assistant Professor of Psychology at Murray State University, KY
- Emily Higgins (BA, 2009) – UC San Diego, PhD Student, Rayner Eyetracking Lab
- Dr. Marisa Biondi (BS, 2012) – PhD, 2017 in Psychology from Texas A&M University, currently at Research Scientist at Tobii Technology, Inc.
- Shaun O'Grady (BS, 2014) – NSF Graduate Research Fellowship (in his senior year at UMass Boston); UC Berkeley, PhD Student, Berkeley Early Learning Lab

### **Teaching Experience**

- University of Trento, Center for Mind/Brain Sciences (CIMEC), Rovereto, Italy:
  - "*The early development of visual attention and memory*", Graduate Seminar, 2016 Summer (co-taught with Dr. Erik Blaser)
- UMass Boston, Psychology Department, 2003 Fall – present:
  - *Infancy and Child Development (Psych 241)*, Undergraduate Lecture class
  - *Introduction to Cognitive Science (Psych L271/CS L271)*, Undergraduate Lecture class
  - *Experimental Methods: Learning and Perception (Psych 475)*, Undergraduate Seminar
  - *Cognitive and Affective Bases of Behavior (PsyClin 641)*, Graduate Seminar
  - *Developmental Cognitive Neuroscience (PsyDBS 621)*, Graduate Seminar
- Rutgers University, Department of Psychology, Piscataway, NJ:
  - *Perception*, Graduate Seminar, 2002 Spring (co-taught with Dr. Ilona Kovacs)
  - *Sensation and Perception Laboratory*, 1999 Fall - 2003 Spring
- University of Szeged, Department of Psychology, Szeged, Hungary:
  - "*Early development of vision and attention*", Graduate Seminar, 2001 Spring
  - "*Two visual pathways*", Graduate Seminar, 2000 Spring
- Eötvös Loránd University, Budapest, Hungary, Teaching Assistant:
  - *General Psychology*, 1998 Spring
  - *History of Psychology*, Graduate Seminar, 1998 Spring