

**Curriculum Vitae (September, 2022)****KAREN E. ADOLPH**[nyuactionlab.com](http://nyuactionlab.com)**CONTACT**

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**EDUCATION**

1989 - 1993 Ph.D., Experimental/Developmental Psychology, Emory University, Atlanta, GA  
 Supervisors: Eleanor J. Gibson, Esther Thelen, Ulric Neisser  
 1987 - 1989 M.A., Experimental/Developmental Psychology, Emory University, Atlanta, GA  
 1982 - 1986 B.A., Psychology and Fine Art, Sarah Lawrence College, Bronxville, NY

**PROFESSIONAL EXPERIENCE**

2019 - current Julius Silver Professor of Psychology & Neural Science  
 New York University, New York, NY  
 2018 - current Director of the Play & Learning Across a Year (PLAY) Project  
 2012 - current Director of the Databrary.org Project  
 2018 - current Professor, Department of Applied Psychology  
 New York University, New York, NY  
 2006 - current Professor, Departments of Psychology & Neural Science  
 New York University, New York, NY  
 2002 - 2006 Associate Professor, Departments of Psychology & Neural Science  
 New York University, New York, NY  
 1997 - 2002 Associate Professor, Department of Psychology  
 New York University, New York, NY  
 1994 - 1997 Assistant Professor, Department of Psychology  
 Carnegie Mellon University, Pittsburgh, PA  
 1993 - 1994 Postdoctoral Fellow, Department of Pediatrics  
 Albert Einstein College of Medicine, Bronx, NY  
 1990 - 1993 Instructor, Department of Psychology  
 Indiana University, Bloomington, IN  
 1988 - 1990 Instructor & Teaching Assistant, Department of Psychology  
 Emory University, Atlanta, GA  
 1987 - 1989 Daycare Teacher (Part-time), The Phoenix School, Atlanta, GA  
 1986 - 1987 Elementary School Teacher (Full-time), The Dalton School, New York City  
 1982 - 1986 Preschool Teacher (Part-time), Sarah Lawrence College Early Childhood Center

**HONORS AND AWARDS: RESEARCH**

2019 Julius Silver Professorship  
 2018 Kurt Koffka Medal for "worldwide outstanding work on infants' perception/action development," Justus-Liebig-University, (<https://www.uni-giessen.de/cms/fbz/fb06/psychologie/postertag-koffka/KKM>).  
 2012 – 2018 President-Elect, President, Past-President, International Congress of Infant Studies  
 2012 Best Paper Award, *IEEE International Conference on Development and Learning*, "Understanding the development of motion processing by characterizing optic flow experienced by infants and their mothers"  
 2010 Best Paper Award, *ETRA 2010 Eye Tracking Research & Applications Symposium*, "Head-mounted eye-tracking of infants' natural interactions: A new method"  
 2006 – 2016 MERIT Award from the National Institutes of Child Health and Human Development  
 2006 Elected Fellow of the American Psychological Association, Division 7

- 2006 Elected Fellow of the American Psychological Society
- 2002 Robert L. Fantz Memorial Award, American Psychological Foundation
- 2001 James McKeen Cattell Sabbatical Award
- 1999 Boyd McCandless Award (Early Career Contribution to Developmental Research), Division 7, American Psychological Association
- 1998 Young Investigator Award, International Society for Infant Studies
- 1996 – 2001 FIRST Award, National Institutes of Child Health and Human Development
- 1993 Graduate Student Research Travel Award, Society for Research in Child Development
- 1991 – 1993 Predoctoral NRSA, National Institutes of Child Health and Human Development
- 1991 Elected to Sigma Xi Society
- 1988 Joachim Wohlwill Fellowship, Pennsylvania State University
- 1987 – 1991 George W. Woodruff Fellowship, Emory University (one of seven merit fellowships awarded annually to students entering the Graduate School of Arts and Sciences)

### **HONORS AND AWARDS: TEACHING**

- 2015 Golden Dozen Teaching Award, Faculty of Arts & Sciences, New York University
- 2011 New York University Distinguished Teaching Award and Medal (Recognition of Teaching Excellence Across the University)
- 2003 Distinguished Teaching Award, Psychology Department, New York University
- 2001 Golden Dozen Teaching Award, Faculty of Arts & Sciences, New York University
- 1998 Distinguished Teaching Award, Psychology Department, New York University

### **RESEARCH SUPPORT**

- 2022 – 2025 NICHD, F31-HD107999 NRSA for predoctoral training, *Adaptability in infant walking*, (\$140,256 total costs), Christina Hospodar, PI, Karen Adolph, Sponsor
- 2021 – 2024 EPA-G2020-STAR-D1, G20D113179880, *Developmental, behavioral and environmental determinants of infant dust ingestion*, (\$1,349,566 total costs), Karen Adolph, PI, Brandon Boor, co-PI, Laura Claxton, co-PI, Alexander Laskin, co-PI
- 2022 – 2023 NICHD, Contract NIH Baby Tool Box, *Sub-award, Pilot testing, refinement, and validating of the NBT, and preparation for norming*, (\$57,060 total costs), Richard Gershon, PI, Karen Adolph, co-PI
- 2022 – 2023 NICHD, Contract NIH Baby Tool Box, *Sub-award, Pilot testing, refinement, and validating of postural sway*, (\$156,000 total costs), Richard Gershon, PI, Karen Adolph, co-PI
- 2021 – 2022 NICHD, Contract NIH Baby Tool Box, *Sub-award, Pilot testing, refinement, and validating of the NBT, and preparation for norming*, (\$103,328 total costs), Richard Gershon, PI, Karen Adolph, co-PI
- 2020 – 2025 Templeton Foundation, *Sub-award, Developing belief: The development and diversity of religious cognition and behavior*, (\$505,173 total costs), Kathleen Couriveau, PI, Karen Adolph, co-PI
- 2019 – 2024 DARPA, HR001119S0005-MCS-FP-035, *Sub-award, OPICS: Obvious plans and inferences for common sense via infant behavior learning*, (\$2,109,401 total costs), Alan Fern, PI, Karen Adolph, co-PI
- 2019 – 2022 NICHD, F32 NRSA for postdoctoral training, *Walking and talking: Cascades in infant development*, (\$192,170 total costs) Kelsey West, PI, Karen Adolph, co-Sponsor with Catherine Tamis-LeMonda
- 2018 – 2023 NICHD, R01-HD-094830, *PLAY (Play and Learning Across a Year)*, (\$6,341,419 total costs), Karen Adolph, PI, Catherine Tamis-LeMonda, co-PI, Rick Gilmore, co-PI

- 2018 – 2023 NICHD, R01-HD-033486, *Flexibility of learning in infant skill acquisition*, (\$3,086,397 total costs), Karen Adolph, PI, Patrick Shrout, co-PI
- 2018 – 2023 NIDCD, R01-DC016557, Sub-award, *Walking, exploration, and language in high and low risk infants* (\$213,538 total costs), Jana Iverson, PI, Karen Adolph, co-I.
- 2017 – 2022 LEGO Foundation, *Everyday play as a context for learning and development*, (\$687,499 total costs) Catherine Tamis-LeMonda, PI, Karen Adolph, co-PI
- 2016 – 2021 NICHD, R01- HD086034, *Learning about hidden affordances*, (\$2,102,185 total costs), Karen Adolph, PI, Catherine Tamis-LeMonda, co-PI, Lana Karasik, co-I, Jeff Lockman, co-I.
- 2022 NCE
- 2018 – 2020 KEEN Foundation, *Effects of footwear on infant walking*, (\$310,598 total costs), Karen Adolph, PI, Whitney Cole, co-I
- 2021 NCE
- 2018 – 2020 James S. McDonnell Foundation, JSMF-220020558, *Facilitating use and reuse of video in behavioral science*, (\$350,000 direct costs), Karen Adolph, PI, Rick Gilmore co-PI
- 2017 – 2019 Sloan Foundation, *Next-generation infrastructure for video-centered research on human behavior*, (\$550,000 total costs), Karen Adolph, PI, Rick Gilmore, co-PI, David Millman, co-I
- 2016 – 2018 NSF/SBE-BSF-1627993, *Neural patterns underlying the development of planning in action production and anticipation in action perception*, (\$293,783 total costs), Karen Adolph, PI
- 2019 NCE
- 2015 – 2018 NSF, BCS-1528831, *RUI: An Investigation of short- and long-term effects of cradling on development*, (\$593,706 total costs), Lana Karasik, PI, Karen Adolph, co-PI, Catherine Tamis-LeMonda, co-PI
- 2019 NCE
- 2013 – 2018 NICHD, U01-HD076595, *Databrary: An open video-based data-sharing system for developmental science*, (\$3,536,968 total costs), Karen Adolph, PI, Rick Gilmore, co-PI, David Millman, co-I
- 2019 NCE
- 2015 – 2017 NSF, BCS-1238599 Supplement, *Databrary: An open video-based data-sharing system for developmental science*, (\$222,219 total costs), Karen Adolph, PI, Rick Gilmore co-PI
- 2016 – 2016 NICHD, OBSSR, SRCD, LEGO, NYU Sponsored Workshop, *Video-based communal data collection and coding: Advancing the science of infant learning and development*, Bethesda, MD, Karen Adolph, PI, Catherine Tamis-LeMonda, co-PI, Rick Gilmore, co-PI
- 2015 – 2016 Simons Foundation Autism Research Initiative Targeted Conference, *2016 Biennial International Conference on Infant Studies*, (5,000 total costs), Karen Adolph, PI
- 2015 – 2016 Society for Research on Child Development (SRCD) Strategic Plan, *Databrary regional workshops: Promoting data management, data sharing, and re-use in developmental science*, (\$20,000 direct costs), Karen Adolph, PI
- 2014 – 2016 NSF, BCS-1238599, *Databrary: An open video-based data-sharing system for developmental science*, (No-cost extension), Karen Adolph, PI, Rick Gilmore, co-PI
- 2011 – 2016 NICHD, R37-HD-033486, MERIT Award, *Flexibility of learning in infant skill acquisition*, (\$2,825,485 total costs), Karen Adolph, PI
- 2017 NCE
- 2014 – 2015 NSF, BCS-1349044, *The use of traditional cradling practices and effects on infants' physical, motor, and social development*, (\$77,355 total costs), Lana Karasik, PI, Karen Adolph, co-PI, Catherine Tamis-LeMonda, co-PI
- 2014 – 2015 Institute for Human Development and Social Change (IHDSC) Seed Award to Support Interdisciplinary Research, *Effects of overweight status on locomotor skill and exploration in infants*, (\$15,000 total costs), Karen Adolph, PI
- 2012 – 2015 NSF, DGE-0813964, Graduate Fellowship, *Looking and learning: Head-mounted eye-tracking in crawling and walking infants*, (\$90,000 direct costs), Kari Kretch, PI, Karen Adolph, Sponsor
- 2012 – 2014 NSF, BCS-1238599. *Databrary: An open video-based data-sharing system for developmental science*, (\$2,443,499 total costs), Karen Adolph, PI, Rick Gilmore, co-PI

- 2010– 2013 Institute of Human Development and Social Change, New York University, Seed Award, *Infants in transition: Effects of posture and locomotion on infants' actions with objects and people* (\$10,000 direct costs), Karen Adolph, PI, Catherine Tamis-LeMonda, co-PI
- 2011 – 2012 NSF, Workshop grant, *Data coding, analysis, archiving, and sharing for open collaboration: From OpenSHAPA to open data sharing* (\$40,562 total costs), Karen Adolph, PI, Penelope Sanderson, co-PI
- 2010 – 2011 NICHD, R37-HD033486-15S1, ARRA Supplement to R37, *Flexibility of learning in infant skill acquisition* (\$74,613 total costs), Karen Adolph, PI
- 2009 – 2011 NICHD, F32 NRSA for postdoctoral training, *Developmental links between perception and motor action*, (\$148,974 total costs) Vanessa LoBue, PI, Karen Adolph, co-Sponsor with Maggie Shiffrar
- 2006 – 2011 NICHD, R37-HD033486, *Flexibility of learning in infant skill acquisition* (\$2,079,037 total costs), Karen Adolph, PI
- 2008 – 2009 Proctor & Gamble Grant, *Effects of diapers on infant walking* (\$110,437 total costs), Karen Adolph, PI
- 2007 – 2009 NICHD, R01-HD042697, *Infant-mother social negotiation of motor risk* (No cost extension), Karen Adolph, PI, Catherine Tamis-LeMonda, co-PI
- 2006 – 2008 NICHD, R37-HD033486-12S1, Minority Supplement to R37, *Acquisition of flexibility in infant walking* (\$115,703 total costs), Karen Adolph, PI
- 2002 – 2007 NICHD, R01-HD042697, *Infant-mother social negotiation of motor risk* (\$1,520,324 total costs), Karen Adolph, PI, Catherine Tamis-LeMonda, co-PI
- 2001 – 2006 NICHD, R01-HD033486, *Flexibility of learning in infant skill acquisition* (\$1,417,758 total costs), Karen Adolph, PI
- 2001 – 2002 James McKeen Cattell Sabbatical Award, *The locomotor experience* (\$21,255 direct costs), Karen Adolph, PI
- 2001 – 2001 NCRR, *Shared instrumentation grant: Optotrak motion analysis system* (\$110,000 direct costs), Karen Adolph, PI
- 1996 – 2001 NICHD R29-HD033486, FIRST Award, *Flexibility of learning in infant skill acquisition* (\$350,000 direct costs), Karen Adolph, PI
- 1999 – 2000 NICHD R29-HD033486, Minority Supplement to R29, *Flexibility of learning in infant skill acquisition* (\$4,035 direct costs), Karen Adolph, PI
- 1994 – 1996 Carnegie Mellon University Development Fund, *Learning to solve the problem of moving: Spontaneous activity, exploration and experience*, Karen Adolph, PI
- 1991 – 1993 NICHD F32 Predoctoral National Research Service Award, *Development of perception of traversability of slopes*, Karen Adolph, PI, Esther Thelen, sponsor
- 1991 – 1991 Sigma Xi Grant-in-Aid-of-Research, *Perceptual-motor learning in infants' locomotion over slopes*, Karen Adolph, PI
- 1987 – 1987 The Dalton School Professional Development Award for Research, *Perceiving structure from motion: Properties of objects revealed in moving point-light displays*, Karen Adolph, PI

### **RESEARCH INTERESTS**

Perceptual-motor development; Motor skill acquisition in infants; Learning & transfer; Developmental cascades; Development of exploratory activity; Use of social information for guiding action; Development of balance & locomotion; Development of manual actions and tool use; Cultural differences in motor development; Head-mounted eye-tracking in freely mobile infants; Computerized systems for behavioral coding, data exploration, & data visualization; Open data sharing in the behavioral sciences

**PUBLICATIONS**

\*student authors and trainees

1. Gilmore, R. O., Xu, M.\*, & Adolph, K. E. (in press). Data sharing. In S. Panicker & B. Stanley (Eds.), *How to conduct research ethically*. Washington, DC: American Psychological Association.
2. Adolph, K. E. (2023). Reflections: Eleanor Gibson. In A. Szokolszky, C. Read, & Z. Palatinus (Eds.), *Intellectual journeys in ecological psychology: Interviews and reflections from pioneers in the field*. New York: Routledge, pp. X-X.
3. Adolph, K. E. & West, K. L.\* (2022). Autism: The face value of eye contact. *Current Biology*, 32, R559–R588.
4. Herzberg, O.\*, Fletcher, K.\*, Schatz, J.\*, Adolph, K. E., & Tamis-LeMonda, C. S. (2022). Infant exuberant object play at home: Immense amounts of time-distributed variable practice. *Child Development*, 3, 150–164.
5. Kaplan, B. E.\*, Rachwani, J., Tamis-LeMonda, C. S., & Adolph, K. E. (2022). The process of learning the designed actions of toys. *Journal of Experimental Child Psychology*, 221, 105442.
6. Ossmy, O.\*, Kaplan, B. E.\*, Han, D.\*, Xu, M.\*, Bianco, C.\*, Mukamel, R., & Adolph, K. E. (2022). Real-time processes in the development of action planning. *Current Biology*, 32, 190-199.
7. Rachwani, J., Herzberg, O.\*, Kaplan, B. E.\*, Comalli, D. M.\*, O'Grady, S.\*, & Adolph, K. E. (2022). Flexibility in action: Development of locomotion under overhead barriers. *Developmental Psychology*, 58, 807-820.
8. West, K. L.\*, Fletcher, K. K.\*, Adolph, K. E., & Tamis-LeMonda, C. S. (2022). Mothers talk about infants' actions: How verbs correspond to infants' real-time behavior. *Developmental Psychology*, 58, 405-416.
9. Adolph, K. E., Kaplan, B. E.\*, & Kretch, K. S.\* (2021). Infants on the edge: Beyond the visual cliff. In A. Slater & P. Quinn (Eds.), *Developmental psychology: Revisiting the classic studies*, 2<sup>nd</sup> ed. London: Sage Publications, pp 51-72.
10. Adolph, K. E. & Young, J. W. (2021). Learning to move in the real world. *Science*, 373, 620-621.
11. Han, D.\* & Adolph, K. E. (2021). The impact of errors in infant development: Falling like a baby. *Developmental Science*, 24, e13069.
12. Le, H.\*, Hoch, J.\*, Ossmy, O.\*, Adolph, K. E., Fern, X., & Fern, A. (2021). Modeling infant free play using Hidden Markov Models. *Proceedings of the IEEE International Conference on Development and Learning ICDL-EPIROB*. Finalist for best paper award.
13. Hoch, J. E.\*, Ossmy, O.\*, Cole, W. G.\*, Hasan, S.\*, & Adolph, K. E. (2021). "Dancing" together: Infant-mother locomotor synchrony. *Child Development*, 92, 1337-1353.
14. Hospodar, C. M.\*, Hoch, J. E.\*, Lee, D. K.\*, Shrout, P. E., & Adolph, K. E. (2021). Practice and proficiency: Factors that facilitate infant walking skill. *Developmental Psychobiology*, 63, e22187.
15. Ossmy, O.\*, Han, D.\*, Kaplan, B. E.\*, Xu, M.\*, Bianco, C.\*, Mukamel, R., & Adolph, K. E. (2021). Children do not distinguish efficient from inefficient actions during observation. *Scientific Reports*, 11: 18106.
16. Rachwani, J., Kaplan, B. E.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2021). Children's use of everyday artifacts: Learning the hidden affordance of zipping. *Developmental Psychobiology*, 63, 793-799.
17. Soska, K.C.\*, Xu, M.\*, Gonzalez, S. L.\*, Herzberg, O.\*, Tamis-LeMonda, C. S., Gilmore, R. O., & Adolph, K. E. (2021). (Hyper)active data curation: A video case study from behavioral science. *Journal of eScience Librarianship*, 10, e1208.s
18. Adolph, K. E. (2020). Oh, behave! (Presidential address). *Infancy*, 25, 347-392.
19. Adolph, K. E. (2020). Ecological validity: Mistaking the lab for real life. In R. Sternberg (Ed.), *My biggest research mistake: Adventures and misadventures in psychological research*. New York: Sage, pp. 187-190.

20. Adolph, K. E. & Hoch, J. E.\* (2020). The importance of motor skills for development. In M. M. Black, A. Singhal, & C. H. Hillman (Eds.), *Building future health and well-being of thriving toddlers and young children. 95<sup>th</sup> Nestle Nutrition Institute Workshop, Geneva, September 2020*. Basel: Karger, pp. 136-144.
21. Adolph, K. E., Hoch, J. E.\*, & Ossmy, O.\* (2020). James Gibson's ecological approach to locomotion and manipulation: Development and changing affordances. In J. Wagman & J. Blau (Eds.), *Perception as information detection: Reflections on Gibson's ecological approach to visual perception*. New York: Taylor & Francis, pp. 248-266.
22. Hoch, J. E.\*, Rachwani, J.\*, & Adolph, K. E. (2020). Where infants go: Real-time dynamics of locomotor exploration in crawling and walking infants. *Child Development, 91*, 1001-1020.
23. Lee, M. H., Shaw, P., Hirsh-Pasek, K., Adolph, K. E., Shen, Q., Oudeyer, P.-Y., Popp, J., eds. (2020). *Modeling play in early infant development*. Lausanne: Frontiers Media SA
24. Lockman, J. J., Tamis-LeMonda, C. S., & Adolph, K. E. (2020). Missing in action: Tool use is action based. *Behavioral and Brain Sciences, 43*, e170.
25. Ossmy, O.\* & Adolph, K. E. (2020). Real-time assembly of coordination patterns in infants. *Current Biology, 30*, 4553-4562.
26. Ossmy, O.\*, Han, D.\*, Chen, M.\*, Kaplan, B. E.\*, & Adolph, K. E. (2020). Look before you fit: The real-time planning cascade in children and adults. *Journal of Experimental Child Psychology, 189*, 104696.
27. Rachwani, J., Hoch, J. E.\*, & Adolph, K. E. (2020). Action in development: Variability, flexibility, and plasticity. In C. S. Tamis-LeMonda & J. J. Lockman (Eds.), *Handbook of infant development*. New York: Cambridge University Press, pp. 469-494.
28. Rachwani, J., Tamis-LeMonda, C. S., Lockman, J. J., Karasik, L. B., & Adolph, K. E. (2020). Learning the designed actions of everyday objects. *Journal of Experimental Psychology: General, 149*, 67-78.
29. Shaw, P., Lee, M., Shen, Q., Hirsh-Pasek, K., Adolph, K. E., Oudeyer, P. Y., & Popp, J. (2020). Editorial: Modeling Play in Early Infant Development. *Frontiers in neurorobotics, 14*, 50.
30. Sheskin, M., Scott, K., Mills C. M., Bergelson, E., Bonawitz, E., Spelke, E. S., Fei-Fei, L., Keil, F. C., Gweon, H., Tenenbaum, J. B., Jara-Ettinger, J., Adolph, K. E., Rhodes, M., Frank, M. C., Mehr, S. A., & Schulz, L. (2020). Online developmental science to foster innovation, access, and impact. *Trends in Cognitive Science, 24*, 675-678.
31. Adolph, K. E. (2019). An ecological approach to learning in (not and) development. *Human Development, 63*, 180-201.
32. Adolph, K. E. & Hoch, J. E.\* (2019). Motor development: Embodied, embedded, enculturated, and enabling. *Annual Review of Psychology, 70*, 141-164.
33. Cole, W. G., Vereijken, B., Young, J. W., Robinson, S. R., & Adolph, K. E. (2019). Use it or lose it? Effects of age, experience, and disuse on crawling. *Developmental Psychobiology, 61*, 29-42.
34. Gilmore, R. O. & Adolph, K. E. (2019). Open sharing of research video: Breaking down the boundaries of the research team. In K. L. Hall, A. L. Vogel, & R. T. Croyle (Eds.), *Strategies for team science success: Handbook of evidence-based principles for cross-disciplinary science and practical lessons learned from health researchers*. Cham: Springer, pp. 575-583.
35. Heiman, C. M.\*, Cole, W. G., Lee, D. K., & Adolph, K. E. (2019). Object interaction and walking: Integration of old and new skills in infant development. *Infancy, 24*, 547-569.
36. Hoch, J. E.\* O'Grady, S.\*, & Adolph, K. E. (2019). It's the journey, not the destination: Locomotor exploration in infants. *Developmental Science, e12740*.
37. LoBue, V. & Adolph, K. E. (2019). Fear in infancy: Lessons from snakes, spiders, heights, and strangers. *Developmental Psychology: Special issue on emotional development, 55*, 1889-1907.
38. Rachwani, J.\*, Herzberg, O.\*, Golenia, L.\*, & Adolph, K. E. (2019). Postural, visual, and manual coordination in the development of prehension. *Child Development, 90*, 1559-1568.
39. Soska, K. C.\*, Rachwani, J.\*, von Hofsten, C., & Adolph, K. E. (2019). Infants plan prehension while pivoting. *Developmental Psychobiology, 61*, 1048-1063.

40. Adolph, K. E. (2018). Motor development. In M. Bornstein & M. Arterberry (Eds.). *The SAGE encyclopedia of lifespan human development*. Thousand Oaks, CA: Sage Publishers, pp. 1450-1453.
41. Adolph, K. E., Hoch, J. E.\*, & Cole, W. G.\* (2018). Development (of walking): 15 suggestions. *Trends in Cognitive Sciences*, 22, 699-711.
42. Adolph K. E., Rachwani J.\*, Hoch J. E.\* (2018) Motor and physical development: Locomotion. *Reference Module in Neuroscience and Biobehavioral Psychology*, Elsevier. ISBN 9780128093245.
43. Franchak, J. M., Kretch, K. S.\*, & Adolph, K. E. (2018). See and be seen: Infant-caregiver social looking during locomotor free play. *Developmental Science*, 21, e12626.
44. Gilmore, R. O., Kennedy, J. L.\*, & Adolph, K. E. (2018). Practical solutions for sharing data and materials from psychological research. *Advances in Methods and Practices in Psychological Science (AMPPS)*, 1, 121-130.
45. Karasik, L. B., Ossmy, O.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2018). The ties that bind: Cradling in Tajikistan. *PLOS ONE*, 13, e0204428.
46. Lee, D. K.\*, Cole, W. G.\*, Golenia, L.\*, & Adolph, K. E. (2018). The cost of simplifying complex developmental phenomena: A new perspective on learning to walk. *Developmental Science*, 21, e12615.
47. Ossmy, O.\*, Hoch, J. E.\*, MacAlpine, P.\*, Hasan, S.\*, Stone, P., & Adolph, K. E. (2018). Variety wins: Soccer-playing robots and infant walking. *Frontiers in Neurorobotics*, 12: 19. [Ossmy & Hoch, shared first authorship].
48. Adolph, K. E., Gilmore, R. O., & Kennedy, J. L.\* (2017). Video data and documentation will improve psychological science. *Psychological Science Agenda*, (/science/about/psa/2017/10/index.aspx).
49. Comalli, D. M.\*, Persand, D.\*, & Adolph, K. E. (2017). Motor decisions are not black and white: Selecting actions in the 'gray zone'. *Experimental Brain Research*, 235, 1793-1807.
50. Gilmore, R. O. & Adolph, K. E. (2017). Video can make behavioral science more reproducible. *Nature Human Behavior*, 1, s41562-017.
51. Kennedy, J. L.\*, Adolph, K. E., & Gilmore, R. O. (2017). Video and reproducibility in the behavioral sciences. Blog: <https://www.software.ac.uk/blog/2017-08-04-video-and-reproducibility-behavioural-sciences>.
52. Kretch, K. S.\* & Adolph, K. E. (2017). The organization of exploratory behaviors in infant locomotor planning. *Developmental Science*, 20, e12421.
53. Rachwani, J.\*, Soska, K. C.\*, & Adolph, K. E. (2017). Behavioral flexibility in learning to sit. *Developmental Psychobiology*, 59, 937-948.
54. Adolph, K. E. (2016). Video as data: From transient behavior to tangible recording. *APS Observer*, 29, 23-25.
55. Adolph, K. E. & Franchak, J. M. (2016). The development of motor behavior. *Wiley Interdisciplinary Reviews: Cognitive Science (WIREs)*, doi: 10.1002/wcs.1430 (18 pp).
56. Cole, W. G.\*, Robinson, S. R., & Adolph, K. E. (2016). Bouts of steps: The organization of infant exploration. *Developmental Psychobiology*, 58, 341-354.
57. Comalli, D. M.\*, Keen, R., Abraham, E.\*, Foo, V.\*, Lee, M. H.\*, & Adolph, K. E. (2016). The development of tool use: Planning for end-state comfort. *Developmental Psychology*, 52, 1878-1892.
58. Franchak, J. M., Heeger, D. J., Hasson, U., & Adolph, K. E. (2016). Free-viewing gaze behavior in infants and adults. *Infancy*, 21, 262-287.
59. Gilmore, R. O., Adolph, K. E., Millman, D. S., & Gordon, A. S.\* (2016). Transforming education research through open video data sharing. *Advances in Engineering Education*, 5, 1-17.
60. Karasik, L. B., Tamis-LeMonda, C. S., & Adolph, K. E. (2016). Decisions at the brink: Locomotor experience affects infants' use of social information on an adjustable drop-off. *Frontiers in Psychology*, 7, 797.
61. Gordon, A. S.\*, Steiger, L.\*, & Adolph, K. E. (2016). Losing research data due to lack of curation and preservation. In L. Johnston (Ed.), *Curating research data Volume 2: A handbook of current practice* (pp. 108-115). Chicago, IL: Association of College and Research Libraries.

62. Adolph, K. E. & Berger, S. E. (2015). Physical and motor development. In M. H. Bornstein & M. E. Lamb (Eds.), *Developmental science: An advanced textbook*, (7<sup>th</sup> ed., pp. 261-333). New York: Psychology Press/Taylor & Francis.
63. Adolph, K. E., Cole, W. G.\* & Vereijken, B. (2015). Intra-individual variability in the development of motor skills in childhood. In M. Diehl, K. Hooker, & M. Sliwinski (Eds.), *Handbook of intra-individual variability across the lifespan*. New York: Routledge/Taylor & Francis Group, pp. 59-83.
64. Adolph, K. E. & Kretch, K. S.\* (2015). Gibson's theory of perceptual learning. In H. Keller (Developmental Section Ed.), *International encyclopedia of social and behavioral sciences* (2<sup>nd</sup> ed., Vol. 10, pp. 127-134). New York: Elsevier.
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189. Adolph, K. E., Gibson, E. J. & Eppler, M. A. (1990, January). *Perceiving affordances of slopes: The ups and downs of toddlers' locomotion*. (Technical Report No.16). Atlanta, GA: Emory University, Emory Cognition Project.

### **OBITUARIES**

190. Adolph, K. E. (2012). [Remembering the father of cognitive psychology: Ulric Neisser \(1928-2012\)](#). *APS Observer*, 25.
191. Adolph, K. E., Corbetta, D., Vereijken, B., & Spencer, J. (2005). In Memoriam: Esther Thelen. *Infancy*, 7, 1-4.
192. Adolph, K. E., Corbetta, D., Vereijken, B., & Spencer, J. (2005). In Memoriam: Esther Thelen, President of SRCD 2003-2005. *Developments: Newsletter of the Society for Research in Child Development*, 48, 2, 9.
193. Adolph, K. E. & Vereijken, B. (2005). Esther Thelen (1941-2004). *American Psychologist*, 60, 1032.
194. Adolph, K. E., & Eppler, M. A. (2003). Life after the lab (obituary for Eleanor Gibson). *APS Observer*, 16, 23.

### **MANUSCRIPTS UNDER REVIEW & INVITED ARTICLES & CHAPTERS**

*\*student authors and trainees*

1. Adolph, K. E. (invited article). *Current Directions in Psychological Science*.
2. Adolph, K. E. & Tamis-LeMonda, C. S. (invited monograph). Discovering behavior: Video coding in developmental science. *Monographs of the Society for Research in Child Development*.
3. Hoch, J. S.\*, Hospodar, C. M.\*, Koch da Costa Aguiar Alves, G.\*, & Adolph, K. E. (in revision). What gets infants to move? Effects of environment, caregiver, and months walking on infants' locomotor practice.
4. Karasik, L. B., Fernandes, S. N., Robinson, S. R., Adolph, K. E., & Tamis-LeMonda, C. S. (in revision). Gahvora cradling in Tajikistan: Cultural practices and associations with motor development. *Child Development*.
5. Kretch, K. S.\* & Adolph, K. E. (in revision). The temporal structure of an infant's blooming buzzing world.

6. Ossmy, O.\*, Cheng, M.\*, Bianco, C.\*, Han, D.\*, Kaplan, B.\*, & Adolph, K. E. (in revision). First “where” and then “how”: Developmental processes in exploring solutions to problems with hidden demands. *Child Development*.
7. Tamis-LeMonda, C. S., and the PLAY consortium. (in revision). Comparing apples to manzanas and oranges to naranjas: A new measure of English-Spanish vocabulary in dual language learners. *Child Development*.

### **CONFERENCE PRESENTATIONS**

*\*student authors and trainees*

1. Adolph, K. E. (2022, July). *Babies and bots*. Workshop on embodiment and robotics. Preconference workshop, International Congress on Infant Studies, Ottawa, CA.
2. Adolph, K. E. (2022, July). *Head-mounted eye tracking: Introduction and history*. Tutorial on using head-mounted eye tracking in infant research. Preconference workshop, International Congress on Infant Studies, Ottawa, CA.
3. Benacerraf, A.\*, West, K. L.\*, Adolph, K. E., & Tamis-LeMonda, C. S. (2022, July). *On the move toward word learning: How infants' real-time body position shapes their views during word learning*. International Congress on Infant Studies, Ottawa, CA.
4. Cole, W. G., Hospodar, C., & Adolph, K. E. (2022, July). *Is barefoot really best? Infants walking barefoot, in bendy shoes, and in stiff shoes*. International Congress on Infant Studies, Ottawa, CA.
5. Han, D.\*, Bhakta, A.\*, Robinson, S. R., & Adolph, K. E. (2022, July). *Estimating the rate of behavior: Optimal combination of sample size and observation duration*. International Congress on Infant Studies, Ottawa, CA.
6. Herzberg, O.\*, Shilling, M. S.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2022, July). *Amount and consistency of infant locomotor activity: Effects of age and home environment*. International Congress on Infant Studies, Ottawa, CA.
7. Hoch, J.\*, Han, D.\*, Hospodar, C.\*, Ossmy, O.\*, & Adolph, K. E. (2022, July). *The temporal structure of infant locomotor activity*, International Congress on Infant Studies, Ottawa, CA.
8. Hospodar, C.\*, Hoch, J.\*, Elasmr, Y.\*, & Adolph, K. E. (2022, July). *Developmental and real-time influences on infant locomotor activity: Effects of locomotor status and toy dispersion*, International Congress on Infant Studies, Ottawa, CA.
9. Kaplan, B., Rachwani, J., Tamis-LeMonda, C. S., & Adolph, K. E. (2022, July). *The perceptual-motor and social factors in children's learning of the designed actions of objects*. International Congress on Infant Studies, Ottawa, CA.
10. Kaplan, B., Parulekar, S., Rachwani, J., Tamis-LeMonda, C. S., & Adolph, K. E. (2022, July). *Role of perceptual feedback in learning the designed actions of everyday objects*. International Congress on Infant Studies, Ottawa, CA.
11. Kobas, M\*, Goyal, V.\*, Choudhury, S.\*, Herzberg, O.\*, & Adolph, K. E. (2022, July). *What goes into the mouth? Infant mouthing behavior during everyday activity*. International Congress on Infant Studies, Ottawa, CA.
12. Manikkan, R.\*, Rampersaud, A.\*, West, K. L.\*, Adolph, K. E., Tamis-LeMonda, C. S. (2022, July). *Experimentally manipulating infants' actions affects caregivers' verb input*. International Congress on Infant Studies, Ottawa, CA.
13. Rampersaud, A.\*, Manikkan, R.\*, West, K. L.\*, Adolph, K. E., & Tamis-LeMonda, C. S. (2022, July). *How do infants learn adjectives? Caregivers describe the objects of infants' play*. International Congress on Infant Studies, Ottawa, CA.
14. Saleh, A. N.\*, West, K. L.\*, Adolph, K. E. & Tamis-LeMonda, C. S. (2022, July). *Baby walks, Mama talks: Caregivers' verb use corresponds to infants' locomotion*. International Congress on Infant Studies, Ottawa, CA.
15. West, K. L.\*, Adolph, K. E., & Tamis-LeMonda, C. S. (2022, July). *Infants' motor actions create context cues for word learning*, International Congress on Infant Studies, Ottawa, CA.

16. West, K. L.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2022, July). *Embodied and embedded: Features of the environment shape infants' motor actions and caregiver language*. International Congress on Infant Studies, Ottawa, CA.
17. Manikkan, R.\*, Rampersaud, A.\*, West, K.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2021, November). *Real-time developmental cascades: How infants' motor actions shape the verbs caregivers say*. International Society for Developmental Psychobiology, Chicago, IL.
18. Rampersaud, A.\*, Manikkan, R.\*, West, K.\*, Adolph, K. E., & Tamis-LeMonda, C. S. (2021, November). *Color words and infant actions: Do caregivers' adjectives correspond to infants' object interactions?* International Society for Developmental Psychobiology, Chicago, IL.
19. Cole, W. G.\*, Shin, H. A.\*, & Adolph, K. E. (2021, October). *Is barefoot really best? Infants walking barefoot, in bendy shoes, and in stiff shoes*. International Consortium on Motor Development Research, Virtual.
20. Herzberg, H.\*, Shilling, M. S.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2021, October). *Infants' spontaneous locomotor activity at home*. International Motor Development Research Consortium. [Virtual].
21. Hoch, J. S.\*, Hospodar, C.\*, Adolph, K. (2021, October). *Effects of increasing the cost of movement on infants' locomotor exploration*. International Motor Development Research Consortium. [Virtual].
22. Hospodar, C. M.\*, Han, D.\*, Adolph, K. E. (2021, September). *Relations between infants' gait variability and fall frequency*. [Paper presentation; winner of Oral Presentation Award]. International Consortium on Motor Development Research, Virtual.
23. Hospodar, C. M.\*, Han, D.\*, Adolph, K. E. (2021, June). *Gait variability as a predictor of infants' fall rate*. [Paper presentation]. North American Society for the Psychology of Sport and Physical Activity, Virtual.
24. Hospodar, C. M.\*, Hoch, J. E.\*, Cole, W. G.\*, Adolph, K. E. (2021, June). *Stability in the development of infant walking: Locomotor activity and walking skill*. [Paper presentation]. North American Society for the Psychology of Sport and Physical Activity, Virtual.
25. Kaplan, B., Rachwani, J., Kasaba, I., Tamis-LeMonda, C. S., & Adolph, K. E. (2021, June). *How mothers teach their children to use everyday objects*. Development in Motion. [Virtual].
26. Hoch, J. S.\*, Hospodar, C.\*, & Adolph, K. E. (2021, April). *Motivations and constraints: Factors that shape infant locomotor play*. Society for Research in Child Development. [Virtual].
27. Kaplan, B. E.\*, Rachwani, J., Tamis-LeMonda, C. S., & Adolph, K. E. (2021, April). *Deceptively simple: The perceptual-motor and social factors in children's learning of the designed actions of objects*. Society for Research in Child Development. [Virtual].
28. West, K.\*, Adolph, K. E., & Tamis-LeMonda, C. S. (2021, April). *"Push the button!": Real-time correspondence between infant actions and caregiver verb inputs*. Society for Research in Child Development. [Virtual].
29. Saleh, A.\*, West, K.\*, Adolph, K. E., & Tamis-LeMonda, C. S. (2021, April). *The language landscape of crawling and walking infants*. Society for Research in Child Development. [Virtual].
30. Cole, W. G., Shin, A.\*, & Adolph, K. E. (2021, April). *Is barefoot really best? Infants walking barefoot, in bendy shoes, and in stiff shoes*. Society for Research in Child Development. [Virtual].
31. Han, D.\*, Joh, A. S., Liu, Yueqiao, L.\*, Cole, W. G., Robinson, S. R., & Adolph, K. E. (2021, April). *Learning about a location: Infants navigate a deformable surface based on prior experience*. Society for Research in Child Development. [Virtual].
32. Han, D.\*, Rachwani, J., Liu, Yueqiao, L.\*, & Adolph, K. E. (2021, April). *Why infants fall: Development changes the causes of errors as infants acquire new skills*. Society for Research in Child Development. [Virtual].
33. Hospodar, C.\*, Hoch, J. S.\*, Elasmay, Y.\*, & Adolph, K. E. (2021, April). *Developmental and real-time influences on infant locomotor activity: Effects of locomotor posture and toy dispersion*. Society for Research in Child Development. [Virtual].
34. Hospodar, C.\*, Lee, D. K., Shrout, P., & Adolph, K. E. (2021, April). *The development of walking skill: Effects of contextual factors, skill onset ages, and locomotor practice*. Society for Research in Child Development. [Virtual].
35. Kaplan, B. E.\*, Rachwani, J., Kasaba, I.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2021, April). *How mothers teach the designed actions of everyday objects*. Society for Research in Child Development. [Virtual].

36. Ossmy, O.\*, Cheng, M.\*, Bianco, C.\*, Kaplan, B. E.\*, & Adolph, K. E. (2021, April). *Developmental process in discovering and implementing solutions to problems with hidden demands*. Society for Research in Child Development. [Virtual].
37. Rachwani, J., Miles, C., Hospodar, C.\*, Kaplan, B.\*, Herzberg, O.\*, Adolph, K. (2021, February). *Feasibility of using head-mounted eye tracking to characterize children's looking behavior in natural settings* [Poster session]. APTA Combined Sections Meeting, Virtual.
38. Ossmy, O.\* & Adolph, K. E. (2020, October). *Looking without seeing: Children do not distinguish efficient from inefficient means to achieve a goal*. International Society for Developmental Psychobiology. [Virtual].
39. West, K.\*, Fletcher, K.\*, Adolph, K. E., & Tamis-LeMonda, C. S. (2020, August). Mothers' talk about infants' actions: How verbs correspond to infants' real-time behavior. The 5th Annual Lancaster Conference on Infant and Early Child Development in Lancaster, England. [Conference cancelled].
40. Ossmy, O.\* (2020, July). *A behavioral approach to the development of common sense*. Annual Meeting of the Cognitive Science Society, Toronto, Canada [Virtual].
41. Cole, W. G., Shilling, M.\*, & Adolph, K. E. (2020, July), *Perceiving affordances for walking over gaps*. International Congress on Infant Studies, Glasgow, Scotland. [Poster session cancelled].
42. Cole, W. G., Shin, A. H.\*, Perricone, J.\*, & Adolph, K. E. (2020, July). *Is barefoot best? Effects of shoes on infant walking*. International Congress on Infant Studies, Glasgow, Scotland. [Poster session cancelled].
43. Han, D.\*, Rachwani, J., Cheng, M.\*, Liu, Y.\*, & Adolph, K. E. (2020, July). *Why do infants fall? Causes of falls across the development of walking*. International Congress on Infant Studies, Glasgow, Scotland. [Poster session cancelled].
44. Han, D.\*, Joh, A. S., Liu, Y.\*, & Adolph, K. E. (2020, July). *Lessons from errors: The speed and scope of learning from falling*. International Congress on Infant Studies, Glasgow, Scotland. [Poster session cancelled].
45. Herzberg, O.\*, Vasa, A.\*, Gotfredsen, S.\*, Xu, M.\*, & Adolph, K. E. (2020, July). *Infants' spontaneous locomotor activity at home*. International Congress on Infant Studies, Glasgow, Scotland. [Poster session cancelled].
46. Herzberg, O.\*, Fletcher, K.\*, Schatz, J.\*, Xu, M.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2020, July). *Exuberance in Play: Infants' Interactions with Objects at Home*. International Congress on Infant Studies, Glasgow, Scotland. [Virtual].
47. Hoch, J. E.\*, Hospodar, C.\*, Alves, G.\*, Karns, J.\*, Shilling, M.\*, Perricone, J.\*, & Adolph, K. E. (2020, July). *Effects of toy type, caregiver availability, and temperament on infants' free play activity*. International Congress on Infant Studies, Glasgow, Scotland. [Poster session cancelled].
48. Hoch, J. E.\*, Hospodar, C.\*, Alves, G.\*, & Adolph, K. E. (2020, July). *Effects of increasing the cost of movement on infants' locomotor exploration*. International Congress on Infant Studies, Glasgow, Scotland. [Poster session cancelled].
49. Hospodar, C.\*, Hoch, J. E.\*, Lee, D. K., Shrout, P., & Adolph, K. E. (2020, July). *Locomotor cascades in context: When, how long, how well, and how much infants walk*. International Congress on Infant Studies, Glasgow, Scotland. [Poster session cancelled].
50. Kaplan, B. E.\*, Rachwani, J., Zhang, C.\*, Shilling, M.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2020, July). *Scaffolding motor action: How mothers teach infants the designed actions of everyday objects*. International Congress on Infant Studies, Glasgow, Scotland. [Poster session cancelled].
51. Ossmy, O.\*, & Adolph, K. E. (2020, July). *The effect of experience on locomotor problem solving: A real-time approach using machine learning*. International Congress on Infant Studies, Glasgow, Scotland. [Poster session cancelled].
52. Ossmy, O.\*, Hoch, J. E.\*, Han, D.\*, MacAlpine, P., Stone, P., & Adolph, K. E. (2020, July). *Walking and falling: Using simulated robots to model variability and error in the development of infant walking*. International Congress on Infant Studies, Glasgow, Scotland. [Poster session cancelled].
53. Ossmy, O.\*, Cheng, M.\*, Bianco, C.\*, Kaplan, B. E.\*, & Adolph, K. E. (2020, July) *Developmental process in discovering and implementing solutions to problems with hidden demands*. International Congress on Infant Studies, Glasgow, Scotland. [Poster session cancelled].
54. Rachwani, J., Herzberg, O.\*, Teng, T.\*, & Adolph, K. E. (2020, July). *Real-time postural transitions in infant development*. International Congress on Infant Studies, Glasgow, Scotland. [Poster session cancelled].

55. West, K. L.\*, Fletcher, K. K.\*, Adolph, K. E., Tamis-LeMonda, C. S. (2020). Mothers talk about infant actions: How verbs correspond to infants' real time behavior. Poster presented virtually at the 2020 Biennial International Congress on Infant Studies.
56. Ossmy, O.\*, Cheng, M.\*, Bianco, C.\*, Kaplan, B. E.\*, & Adolph, K. E. (2020, May). *The developmental process in discovering and implementing solutions to problems with hidden demands*. Jean Piaget Society, Philadelphia, PA. [Conference cancelled]
57. Ossmy, O.\*, Han, D.\*, Kaplan, B. E.\*, Xu, M.\*, Bianco, C.\*, Adolph, K. E. (2020, May). *Looking without noticing: Adults distinguish the means to achieve a goal, but children do not*. Jean Piaget Society, Philadelphia, PA. [Conference cancelled]
58. Adolph, K. E., Gilmore, R. O., & Spies, J. (2020, February). *Video sharing can make social psychology more robust and reproducible*. Society for Personality and Social Psychology, New Orleans, LA.
59. Kaplan, B. E.\*, Rachwani J., Karasik, L., Tamis-LeMonda, C. S., & Adolph, K. E. (2019, October). *Learning the obvious: How mothers teach the designed actions of everyday objects*. Cognitive Development Society, Louisville, KY.
60. Ossmy, O.\*, Cheng, M.\*, Bianco, C.\*, Kaplan, B. E.\*, & Adolph, K. E. (2020, May). *The developmental process in discovering and implementing solutions to problems with hidden demands*. Jean Piaget Society, Philadelphia, PA.
61. Ossmy, O.\*, Han, D.\*, Kaplan, B. E.\*, Xu, M.\*, Bianco, C.\*, & Adolph, K. E. (2020, May). *Looking without noticing: Adults distinguish the means to achieve a goal, but children do not*. Jean Piaget Society, Philadelphia, PA.
62. Hoch J. E., Hospodar, C., Alves, G., Selber, P., & Adolph, K. E. (2019, October). *Effects of toy type and caregiver availability on infants' free play activity*. Cognitive Development Society, Louisville, KY.
63. Ossmy, O.\*, Kaplan, B. E.\*, Han, D.\*, Xu, M.\*, Bianco, C.\*, & Adolph, K. E. (2019, October). *What eye tracking and EEG tell us about the perception of multistep actions in children and adults*. Cognitive Development Society, Louisville, KY.
64. Ossmy, O., Kaplan, B. E. E., Xu, M., & Adolph, K. E. (2019, August). *An integrative approach to the development of problem solving*. Flux Society, New York, NY.
65. Ossmy, O., Gilmore, R.O., & Adolph, K. E. (2019, April). *AutoViDev: A computer-vision framework to enhance and accelerate research in human development*. Computer Vision Conference, Las Vegas, NV.
66. Adolph, K. E., Colombo, J., Davis-Kean, P., MacWhinney, B., & Jager, J. (2019, March). *Making developmental science more open: Successes, obstacles, and solutions*. Society for Research in Child Development, Baltimore, MD.
67. Cole, W. G. & Adolph, K. E. (2019, March). *Perceiving affordances for walking over gaps*. Society for Research in Child Development, Baltimore, MD.
68. DeCamp, C.\*, Herzberg, O.\*, Fletcher, K.\*, Schatz, J.\*, McCallum, J., Tamis-LeMonda, C. S., & Adolph, K. E. (2019, March). *Gendered color preference in infants' everyday interactions with objects*. Society for Research in Child Development, Baltimore, MD.
69. Han, D.\*, Borenstein, H.\*, Hasan, S.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2019, March). *Falling like a baby: High frequency, low severity, and little evidence of deterrence*. Society for Research in Child Development, Baltimore, MD.
70. Hoch, J. E.\*, El Fadel, O.\*, Selber, P.\*, & Adolph, K. E. (2019, March). *Increasing the cost of movement: Does infant exploration pay the price?* Society for Research in Child Development, Baltimore, MD.
71. Hoch, J. E.\*, Ossmy, O.\*, MacAlpine, P.\*, Hasan, S.\*, Stone, P., & Adolph, K. E. (2019, March). *Walking and falling: Using simulated robots to model variability and error in the development of infant walking*. Society for Research in Child Development, Baltimore, MD.
72. Kaplan, B. E.\*, Rachwani, J.\*, Han, D.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2019, March). *Children's use of everyday artifacts: Cognitive and perceptual-motor requirements of unzipping a zipper*. Society for Research in Child Development, Baltimore, MD.
73. Karasik, L., Fernandes, S.\*, Ossmy, O.\*, Tamis-LeMonda, C. D., & Adolph, K. E. (2019, March). *Effects of restrictive childrearing practices in Tajikistan on motor development*. Society for Research in Child Development, Baltimore, MD.
74. Ossmy, O.\*, Han, D.\*, Cheng, M.\*, Kaplan, B. E.\*, Rachwani, J.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2019, March). *Real-time problem solving in children and adults: The development of predictive*

- planning in object fitting*. Society for Research in Child Development, Baltimore, MD.
75. Ossmy, O.\* , Kaplan, B. E.\* , Han, D.\* , Xu, M.\* , & Adolph, K. E. (2019, March). *What eye tracking and EEG tell us about perception of future-directed actions in children and adults*. Society for Research in Child Development, Baltimore, MD.
  76. Ossmy, O.\* & Adolph, K. E. (2019, March). *A machine-learning approach to the development of problem solving in infant locomotion*. Society for Research in Child Development, Baltimore, MD.
  77. Schatz, J.\* , Herzberg, O.\* , Fletcher, K.\* , DeCamp, C.\* , McCallum, J.\* , Soska, K. C., Tamis-LeMonda, C. S., & Adolph, K. E. (2019, March). *Do mothers or infants choose object for play during everyday activities at home?* Society for Research in Child Development, Baltimore, MD.
  78. Adolph, K. E. (2018, November). *Video data and documentation will transform behavioral and biomedical science*. NYU Tech Summit, New York, NY.
  79. Robinovitch, S. & Adolph, K. E. (2018, November). *Sharing of video data of real-life falls for research and education on falls management and prevention*. International Society for Posture and Gait Research, webinar.
  80. Adolph, K. E., Gilmore, R. O., Tamis-LeMonda, C. S., Ossmy, O.\* , Hoch, J. E.\* , & Cole, W. G. (2018, July). *(Re)using video to document procedures, illustrate findings, grow sample sizes, and ask new questions*. International Congress on Infant Studies, Philadelphia, PA.
  81. Borenstein, H.\* , Chen, A.\* , Xu, M.\* , Kaplan, B. E.\* , Rachwani, J.\* , Tamis-LeMonda, C. S., & Adolph, K. E. (2018, July). *A toy's story: Exploration, discovery, implementation, and construction*. International Congress on Infant Studies, Philadelphia, PA.
  82. Fok, W. S.\* , Karasik, L. B., Lehrfield, T.\* , Dalrymple, K.\* , Sifre, R.\* , Elison, J., Tamis-LeMonda, C. S., & Adolph, K. E. (2018, July). *All in a day: Everyday experiences of 12-month-olds in two cultures*. International Congress on Infant Studies, Philadelphia, PA.
  83. Han, D.\* , Borenstein, H.\* , Hasan, S.\* , Robinovitch, S., & Adolph, K. E. (2018, July). *Frequent falls do not deter infants from walking*. International Congress on Infant Studies, Philadelphia, PA.
  84. Heiman, C.\* , Cole, W. G., Lee, D. K., & Adolph, K. E. (2018, July). *Manual actions and walking: Competition or cooperation in infant development?* International Congress on Infant Studies, Philadelphia, PA.
  85. Herzberg, O.\* , DeCamp, C.\* , Fletcher, K.\* , Schatz, J.\* , Soska, K. C., Tamis-LeMonda, C. S., & Adolph, K. E. (2018, July). *Infants spend immense amounts of time interacting with objects during everyday play at home*. International Congress on Infant Studies, Philadelphia, PA.
  86. Herzberg, O.\* , Rachwani, J.\* , Kaplan, B. E.\* , O'Grady, S.\* , Comalli, D.\* , & Adolph, K. E. (2018, July). *Flexibility in action: How infants and adults navigate under a barrier*. International Congress on Infant Studies, Philadelphia, PA.
  87. Hoch, J. E.\* , Ossmy, O.\* , & Adolph, K. E. (2018, July). *Foraging in the playroom: Toward a model of human infant locomotor play*. International Congress on Infant Studies, Philadelphia, PA.
  88. Hoch, J. E.\* , Ossmy, O.\* , Han, D.\* , Heiman, C.\* , Cole, W. G., Lee, D. K., Adolph, K. E. (2018, July). *Learning to walk: Immense and varied input*. International Congress on Infant Studies, Philadelphia, PA.
  89. Kaplan, B. E.\* , Rachwani, J.\* , Sida, A.\* , Vasa, A.\* , Tamis-LeMonda, C. S., & Adolph, K. E. (2018, July). *Perceptual-motor exploration and problem solving: Learning to implement the designed action of Duplo bricks*. International Congress on Infant Studies, Philadelphia, PA.
  90. Ossmy, O.\* , Hoch, J. E.\* , Hasan, S.\* , Cole, W. G., & Adolph, K. E. (2018, July). *Dancing together: The nature of infant-mother locomotor synchrony*. International Congress on Infant Studies, Philadelphia, PA.
  91. Ossmy, O.\* , Hoch, J. E.\* , MacAlpine, P., Hasan, S.\* , Stone, P., & Adolph, K. E. (2018, July). *Variety wins: Soccer-playing robots and infant walking*. International Congress on Infant Studies, Philadelphia, PA.
  92. Rachwani, J.\* , Kaplan, B. E.\* , Tamis-LeMonda, C. S., Karasik, L. B., Lockman, J. J., & Adolph, K. E. (2018, July). *Learning the designed actions of everyday objects*. International Congress on Infant Studies, Philadelphia, PA.
  93. Viso, C.\* , Karasik, L. B., Lockman, J. J., Tamis-LeMonda, C. S., & Adolph, K. E. (2018, July). *Discovery in the ordinary: Mothers teaching designed actions of common artifacts*. International Congress on Infant Studies, Philadelphia, PA.
  94. Han, D. Y.\* , Borenstein, H.\* , Hasan, S.\* , Ahmed, Z. M.\* , de Velez, L. P.\* , Robinovitch, S., & Adolph, K.

- E. (2017, November). *Frequent falls do not deter infants from walking*. International Society for Developmental Psychobiology, Washington, DC.
95. Herzberg, O.\* , Rachwani, J.\* , Kaplan, B. E.\* , O'Grady, S. M.\* , Comalli, D. M.\* , & Adolph, K. E. (2017, November). *Flexibility in action: How infants and adults navigate under a barrier*. International Society for Developmental Psychobiology, Washington, DC.
96. Hoch, J. E.\* , Ossmy, O.\* , & Adolph, K. E. (2017, November). *Foraging in the playroom: Random walk behavior in human infants*. International Society for Developmental Psychobiology, Washington, DC.
97. Hoch, J. E.\* , Ossmy, O.\* , MacAlpine, P.\* , Hasan, S.\* , Stone, P., & Adolph, K. E. (2017, November). *Variety matters: What can we learn about infant walking from soccer-playing robots*. International Society for Developmental Psychobiology, Washington, DC.
98. Kaplan, B. E.\* , Rachwani, J.\* , Tamis-LeMonda, C. S., & Adolph, K. E. (2017, November). *Hidden affordances in plain sight: Discovering possibilities for action with Duplo bricks*. International Society for Developmental Psychobiology, Washington, DC.
99. Ossmy, O.\* , Kaplan, B. E.\* , Xu, M.\* , & Adolph, K. E. (2017, November). *Neural patterns underlying the development of planning in tool use*. International Society for Developmental Psychobiology, Washington, DC.
100. Ossmy, O.\* , Hoch, J. E.\* , Hasan, S.\* , Cole, W. G.\* , & Adolph, K. E. (2017, November). *Dancing together: The nature of infant-mother locomotor synchrony*. International Society for Developmental Psychobiology, Washington, DC.
101. Rachwani, J.\* , & Adolph, K. E. (2017, November). *Challenges to developmental research on sitting and reaching*. International Society for Developmental Psychobiology, Washington, DC.
102. Robinovitch, S. N., Adolph, K. E., & Yang, Y. (2017, June). *Successful landing during a fall: Video evidence of the strategies used by older adults in long-term care to avoid head impact during real-life fall*. International Society of Posture and Gait Research (ISPGR) World Congress, Fort Lauderdale, FL.
103. Binion, G.\* , Adolph, K. E., Gilmore, R. O., Oakes, L., & Vazire, S. (2017, April). *Openness, replication, and data reuse in developmental science: Unique challenges, existing resources, & what is still needed*. Conversation roundtable at the Society for Research in Child Development, Austin, TX.
104. Hoch, J. E.\* , O'Grady, S.M.\* , Cheung, C. X.\* , & Adolph, K. E. (2017, April). *Infants' exploration in an empty room versus a toy-filled room: Same quantity, different quality*. Society for Research in Child Development, Austin, TX.
105. Hoch, J. E.\* , Rachwani, J.\* , & Adolph, K. E. (2017, April). *Why do infants move? Locomotor exploration is more random than destination directed*. Society for Research in Child Development, Austin, TX.
106. Karasik, L. B., Tamis-LeMonda, C. S., & Adolph, K. E. (2017, April). *It's bound to make a difference: Cross-cultural investigation of childrearing practices*. Society for Research in Child Development, Austin, TX.
107. Karasik, L. B., Tamis-LeMonda, C. S., & Adolph, K. E. (2017, April). *Decisions at the brink: Locomotor experience affects infants' use of social information on slopes and drop-offs*. Society for Research in Child Development, Austin, TX.
108. Lee, D. K., Golenia, L.\* , Cole, W. G.\* , & Adolph, K. E. (2017, April). *How infants learn to walk: Traditional gait measures and spontaneous walking*. Society for Research in Child Development, Austin, TX.
109. Rachwani, J.\* , Golenia, L.\* , Herzberg-Keller, O. E.\* , Borenstein, H.\* , De Velez, L. C.\* , & Adolph, K. E. (2017, April). *Visual, manual, and postural coordination in the development of prehension*. Society for Research in Child Development, Austin, TX.
110. Gilmore, R. O., Adolph, K. E., & Millman, D. S. (2016, August). *Curating identifiable data for sharing: The Databrary project*. Paper presented at the New York Scientific Data Summit.
111. Adolph, K. E., Millman, D. S., & Gilmore, R. O. (2016, May). *Video doesn't lie: Reproducible workflows with Databrary*. Invited talk, New York University Reproducibility Symposium, Brooklyn, NY.
112. Cole, W. G.\* , Verrel, J., Lindenberger, U., & Adolph, K. E. (2016, May). *How crawling infants plan leg movements for navigating obstacles*. International Congress on Infant Studies, New Orleans, LA.
113. Hoch, J. E.\* , Rachwani, J.\* , & Adolph, K. E. (2016, May). *Why do infants move? Locomotor exploration is not directed toward visible goals*. International Congress on Infant Studies, New Orleans, LA.
114. Kellier, D. J.\* , Chan, G., Comalli, D. M.\* , Tamis-LeMonda, C. S., Karasik, L. B., Lockman, J. J., & Adolph, K. E. (2016, May). *How children discover hidden affordances for action*. International Congress on Infant Studies, New Orleans, LA.

115. Lee, D. K.\*, Golenia, L., Cole, W. G., & Adolph, K. E. (2016, May). *Natural infant walking*. International Congress on Infant Studies, New Orleans, LA.
116. Lee, D. K.\*, Jimenez-Robbins, C.\*, Hasan, S.\*, Messito, M., Gross, R., Mendelsohn, A., & Adolph, K. E. (2016, May). *Access to resources affects infants' motor milestones*. International Congress on Infant Studies, New Orleans, LA.
117. Lee, D. K.\*, Karasik, L. B., Tamis-LeMonda, C. S., & Adolph, K. E. (2016, May). *Effects of constraint during infancy on locomotor development*. International Congress on Infant Studies, New Orleans, LA.
118. Rachwani, J.\*, Soska, K. C.\*, Hurwitz, L. B.\*, & Adolph, K. E. (2016, May). *Infants' adaptation to a sloping SITuation: Maintaining balance while sitting on a sloping surface*. International Congress on Infant Studies, New Orleans, LA.
119. Rachwani, J.\*, Soska, K. C.\*, von Hofsten, C., Rosander, K., & Adolph, K. E. (2016, May). *Infants plan prehension while pivoting*. International Congress on Infant Studies, New Orleans, LA.
120. Vereijken, B., Cole, W. G.\*, Lee, D. K.\*, & Adolph, K. E. (2016, May). *Learning to walk: Identifying independent domains of gait in newly walking infants*. International Congress on Infant Studies, New Orleans, LA.
121. Zaloom, J.\*, Karasik, L. B., Tamis-LeMonda, C. S., & Adolph, K. E. (2016, May). *Effects of restricted movement on sitting and object exploration in infancy*. International Congress on Infant Studies, New Orleans, LA.
122. Lee, D. K.\*, Hasan, S.\*, & Adolph, K. E. (2015, June). *Natural infant walking*. North American Society for the Psychology of Sport and Physical Activity, Portland, OR.
123. Lee, D. K.\*, Karasik, L. B., Tamis-LeMonda, C. S., & Adolph, K. E. (2015, June). *Effects of a traditional cradling practice on infant motor development*. North American Society for the Psychology of Sport and Physical Activity, Portland, OR.
124. Lee, D. K.\*, Majumder, O. L.\*, Jimenez-Robbins, C.\*, Cole, W. G.\*, Hasan, S.\*, Messito, M. J., Gross, R., Mendelsohn, A. L., & Adolph, K. E. (2015, June). *Effects of socioeconomic status and overweight on infants' motor milestones*. North American Society for the Psychology of Sport and Physical Activity, Portland, OR.
125. Adolph, K. E. (2015, March). *Good behavior: Coding, Sharing, and repurposing video*. Invited state of the art address, Society for Research in Child Development, Philadelphia, PA.
126. Cole, W. G.\*, Mladenovic, D.\*, Robinson, S. R., & Adolph, K. E. (2015, March). *Bouts of steps: The organization of infant exploration*. Society for Research in Child Development, Philadelphia, PA.
127. Cole, W. G.\*, Young, J. M., Bereijken, B., Robinson, S. R., & Adolph, K. E. (2015, March). *Use it or lose it? Effects of disuse on crawling skill*. Society for Research in Child Development, Philadelphia, PA.
128. Comalli, D. M.\*, Keen, R., Abraham, E.\*, Foo, V. J.\*, & Adolph, K. E. (2015, March). *"End-state comfort" in children's tool use*. Society for Research in Child Development, Philadelphia, PA.
129. Hasan, S.\*, Lee, D. K.\*, Cole, W. G.\*, Robinson, S. R., & Adolph, K. E. (2015, March). *Natural locomotor exploration in infants*. Society for Research in Child Development, Philadelphia, PA.
130. Karasik, L. B., Comalli, D. M.\*, Chan, G.\*, Kellier, D. J.\*, Tamis-LeMonda, C. S., Lockman, J. J., Radhakrishnan, S.\*, & Adolph, K. E. (2015, March). *Hidden affordances: How children learn to open containers*. Society for Research in Child Development, Philadelphia, PA.
131. Karasik, L. B., Mladenovic, D.\*, Abraham, E.\*, Robinson, S. R., Tamis-LeMonda, C. S., & Adolph, K. E. (2015, March). *All bound up, nowhere to go: Effects of childrearing on motor development and object engagement*. Society for Research in Child Development, Philadelphia, PA.
132. Lee, D. K.\*, Majumder, O.\*, Jimenez-Robbins, C.\*, Cole, W. G.\*, Hasan, S.\*, Messito, M. J., Gross, R., Mendelsohn, A. L., & Adolph, K. E. (2015, March). *Effects of sociocultural and overweight status on infants' motor milestones*. Society for Research in Child Development, Philadelphia, PA.
133. Mladenovic, D.\*, Karasik, L. B., Abraham, E.\*, Zaloom, J. M.\*, Khan, S.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2015, March). *Baby, it's cold outside: Seasonal effects on infant locomotor experience*. Society for Research in Child Development, Philadelphia, PA.
134. Soska, K. C.\*, Adolph, K. E., & Robinson, S. R. (2015, March). *Real-time switches in postural position affect access to perceptual information in crawling infants*. Society for Research in Child Development, Philadelphia, PA.
135. Verrel, J., Cole, W. G.\*, Lindenberger, U., & Adolph, K. E. (2015, March). *How crawling infants plan leg*

- movements for navigating obstacles*. Society for Research in Child Development, Philadelphia, PA.
136. Blumberg, M. S. & Adolph, K. E. (2014, November). Presentation of Senior Investigator Award to Jeff Alberts. International Society for Developmental Psychobiology, Washington, DC.
  137. Chan, G. L. Y.\*, Comalli, D. M.\*, Kellier, D. J.\*, Radhakrishnan, S.\*, Karasik, L. B., Tamis-LeMonda, C. S., Lockman, J. J., Robinson, S. R., & Adolph, K. E. (2014, November). *How children learn to open containers*. International Society for Developmental Psychobiology, Washington, DC.
  138. Cole, W. G.\*, Robinson, S. R., & Adolph, K. E. (2014, November). *Bouts of steps: The organization of infant exploration*. International Society for Developmental Psychobiology, Washington, DC.
  139. Cole, W. G.\*, Young, J. M., Vereijken, B., Robinson, S. R., & Adolph, K. E. (2014, November). *Old skill, new skill, learning true skill*. International Society for Developmental Psychobiology, Washington, DC.
  140. Comalli, D. M.\*, Abraham, E.\*, Keen, R., & Adolph, K. E. (2014, November). The development of tool use: Planning for end-state comfort. International Society for Developmental Psychobiology, Washington, DC.
  141. Comalli, D. M.\*, Chan, G. L. Y.\*, Kellier, D. J.\*, Radhakrishnan, S.\*, Karasik, L. B., Tamis-LeMonda, C. S., Lockman, J. J., Robinson, S. R., & Adolph, K. E. (2014, November). *How mothers teach children to open containers*. International Society for Developmental Psychobiology, Washington, DC.
  142. Comalli, D. M.\*, Foo, V. J.\*, Cole, W. G.\*, & Adolph, K. E. (2014, November). *Stop, drop, and crawl: Do infants select appropriate forms of locomotion based on the height of an overhead barrier?* International Society for Developmental Psychobiology, Washington, DC.
  143. Hasan, S.\*, Lee, D. K.\*, Cole, W. G.\*, Robinson, S. R. & Adolph, K. E. (2014, November). *Locomotor exploration in infants (and their mothers)*. International Society for Developmental Psychobiology, Washington, DC.
  144. Karasik, L. B., Robinson, S. R., Abraham, E.\*, Mladenovic, D.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2014, November). *Baby in a bind: Traditional cradling practices and infant motor development*. International Society for Developmental Psychobiology, Washington, DC.
  145. Majumder, O. L.\*, Lee, D. K.\*, Jimenez-Robbins, C.\*, Cole, W. G.\*, Hasan, S.\*, & Adolph, K. E. (2014, November). *Effects of SES and overweight status on infants' motor milestones*. International Society for Developmental Psychobiology, Washington, DC.
  146. Adolph, K. E. (2014, July). *Databrary and Datavyu*. What infants see in the real world: Pre-conference meeting on head-mounted eye tracking. Paper presented to the International Society for Infant Studies, Berlin.
  147. Cole, W. G.\*, Mladenovic, D.\*, Robinson, S. R. R., & Adolph, K. E. (2014, July). *The ups and downs of infant locomotion over slopes*. Poster presented to the International Society for Infant Studies, Berlin.
  148. Cole, W. G.\*, Robinson, S. R. R., MacAlpine, P.\*, Stone, P., & Adolph, K. E. (2014, July). *Natural infant walking: Efficient for learning*. Paper presented to the International Society for Infant Studies, Berlin.
  149. Karasik, L. B., Adolph, K. E., Tamis-LeMonda, C. S., Robinson, S. R. R., Abraham, E.\*, Tavdy, A.\*, Tucker, L.\*, & Persand, D.\* (2014, July). *Traditional cradling practices and effect on infant development in Tajikistan*. Paper presented to the International Society for Infant Studies, Berlin.
  150. Kretch, K. S.\* & Adolph, K. E. (2014, July). *Head-mounted eye tracking in infant action*. Paper presented to the International Society for Infant Studies, Berlin.
  151. Adolph, K. E. (2014, May). *Locomotion through the environment: Typical development*. Invited paper presented to the conference on Inspiring infancy: Interrelations between sensory, motor, and cognitive abilities during typical and atypical development, Groningen, Netherlands.
  152. Adolph, K. E. (2014, January). *Development of perception, action, and language in infants*. Symposium organizer, Annual Sackler Winter Conference on Developmental Psychobiology, Cozumel, Mexico.
  153. Adolph, K. E. (2014, January). *Crawling, walking, looking, talking*. Paper presented to the Annual Sackler Winter Conference on Developmental Psychobiology, Cozumel, Mexico.
  154. Adolph, K. E. (2013, October). *It just ain't so*. Invited presentation to the Cognitive Development Society, Memphis, TN.
  155. Adolph, K. E., Gilmore, R. O., Millman, D. S., & Simon, D. A. (2013, May). *Databrary: An open video-based data-sharing system*. Poster presented to the American Psychological Society, Washington, DC.
  156. Adolph, K. E., Millman, D. S., & Gilmore, R. O. (2013, April). *Sharing emotions via Databrary*. Invited paper presented to the SRCD Emotions Pre-Conference Meeting, Seattle, WA.

157. Adolph, K. E., Kretch, K. S.\*, Cole, W. G.\*, Karasik, L., Franchak, J. M.\*, Chan, G.\*, Tamis-LeMonda, C. S. (2013, April). *Effects of crawling and walking on infants' experiences*. Paper presented to the Society for Research in Child Development, Seattle, WA.
158. Comalli, D.\* & Adolph, K. E. (2013, April). *Stop, drop, and crawl: Toddlers select locomotor strategies based on overhead clearance*. Poster presented to the Society for Research in Child Development, Seattle, WA.
159. Franchak, J. M.\*, Heeger, D. J., Hasson, U., & Adolph, K. E. (2013, April). *Free-viewing gaze behavior in infants and adults*. Poster presented to the Society for Research in Child Development, Seattle, WA.
160. Karasik, L. B., Tamis-LeMonda, C. S., & Adolph, K. E. (2013, April). *Sofa better than mom? Walking onset and supported walking experience*. Poster presented to the Society for Research in Child Development, Seattle, WA.
161. Tamis-LeMonda, C. S., Kuchirko, Y., Tafuro, L. Song, L., Karasik, L., Kahana-Kalman, R., & Adolph, K. E. (2013, April). *Why might contingent maternal responsiveness predict infant language development?* Paper presented to the Society for Research in Child Development, Seattle, WA.
162. Adolph, K. E. (2013, January). *Databrary: Open video data sharing for the developmental sciences*. Paper presented to the Annual Sackler Winter Conference on Developmental Psychobiology, Turks & Caicos.
163. Adolph, K. E., Gilmore, R. O., Freeman, C., Sanderson, P., & Millman, D. (2012, July). *Open video data sharing*. Paper presented to the workshop on Behavior Informatics: Databases, data mining and virtual worlds at the Conference on Computational Neurosciences. Atlanta, GA.
164. Adolph, K. E. (2012, June). *Play and human development*. Paper presented to the New York Academy of Sciences workshop on Play, Attention, and Learning. New York, NY.
165. Adolph, K. E. & Franchak, J. M.\* (2012, June). *Navigating through tight spots: Learning and recalibration*. Paper presented at the Festschrift for Herbert L. Pick, International Society for Infant Studies, Minneapolis, MN.
166. Cole, W. G.\*, Lingeman, J. M.\*, Chan, G.\*, Bendicksen, D.\*, Vereijken, B., & Adolph, K. E. (2012, June). *Bimanual gait: Development of human brachiation*. Paper presented to the meeting of the International Society for Posture & Gait Research. Trondheim, Norway.
167. Cole, W. G.\*, Adolph, K.E., Komati, M.\*, Garciaguirre, J.S.\*, Badaly, D.\*, Lingeman, J.M.\*, Chan, G.\* & Sotsky, R.B.\* (2012, June). *How do you learn to walk? Thousands of steps and dozens of falls per day*. Paper presented to the meeting of the International Society for Posture & Gait Research. Trondheim, Norway.
168. Cole, W.G.\*, Lingeman, J. M.\*, & Adolph, K. E. (2012, June). *Effects of diapers on infant walking*. Poster presented at the meeting of the International Society for Posture & Gait Research. Trondheim, Norway.
169. Karasik, L. B., Celano, E. C.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2012, June). *Maternal response to infant object sharing*. Paper presented to the meeting of the International Society for Infant Studies, Minneapolis, MN.
170. Kretch, K. S.\*, Brothers, J. L.\*, Song, V. M.\*, & Adolph, K. E. (2012, June). *The "kiddy carousel": Head-mounted eye-tracking during passive and active locomotion*. Poster presented at the International Conference on Infant Studies, Minneapolis MN.
171. Kretch, K. S.\*, Franchak, J. M.\*, Brothers, J. L.\*, & Adolph, K. E. (2012, June). *Effects of locomotor posture on infants' visual experiences*. Poster presented at the International Conference on Infant Studies, Minneapolis MN.
172. Gilmore, R. O., Raudies, F., Kretch, K. S.\*, Franchak, J. M.\*, & Adolph, K. E. (2012, June). *Do you see what I see? Comparing optic flow experienced by infants and their mothers*. Poster presented at the International Conference on Infant Studies, Minneapolis MN.
173. Franchak, J. M.\*, Hasson, U., Heeger, D. J., & Adolph, K. E. (2012, May). *Reliability of actors' and observers' gaze during natural tasks*. Poster presented at the meeting of the Vision Sciences Society, Naples FL.
174. Kretch, K. S.\*, Franchak, J. M.\*, Brothers, J. L.\*, & Adolph, K. E. (2012, May). *What infants see depends on locomotor posture*. Poster presented at the meeting of the Vision Sciences Society, Naples FL.

175. Raudies, F., Kretch, K. S.\*, Franchak, J. M.\*, Mingolla, E., Gilmore, R.O., & Adolph, K. E. (2012, May). *Where do mothers point their head when they walk and where do babies point their head when they are carried?* Poster presented at the meeting of the Vision Sciences Society, Naples FL.
176. Gilmore, R. O., Raudies, F., Kretch, K. S.\*, Franchak, J. M.\*, & Adolph, K. E. (2012, May). *Patterns of optic flow experienced by infants and their mothers during locomotion.* Poster presented at the meeting of the Vision Sciences Society, Naples FL.
177. Adolph, K. E. (2011, October). *Learning in development.* Paper presented to the Cognitive Development Society pre-conference event, Philadelphia, PA.
178. Franchak, J. M.\*, Sadanand, A.\*, & Adolph, K. E. (2011, October). *Entrapment or falling: Infants' exploration of action possibilities.* Poster presented at the meeting of the Cognitive Development Society, Philadelphia, PA.
179. Kretch, K. S.\*, Quon, J. L.\*, Kung, J.\*, & Adolph, K. E. (2011, October). *Bridging the gap: Infants' sensitivity to bridge width and drop-off height.* Poster presented at the meeting of the Cognitive Development Society, Philadelphia, PA.
180. Adolph, K. E., Franchak, J. M.\*, Kretch, K. S.\*, & Soska, K. C.\* (2011, March). *Head-mounted eye-tracking: A novel method to describe active vision in natural environments.* Paper presented to the Society for Research in Child Development, Montreal, Canada.
181. Adolph, K. E., Karasik, L. B.\*, & Tamis-LeMonda, C. S. (2011, March). *(Sometimes) mother knows best: Infants' use of social and self-generated information for guiding action.* Paper presented to the Society for Research in Child Development, Montreal, Canada.
182. Cole, W. G.\*, Komati, M.\*, McGwier, M. S.\*, Lingeman, J. M.\*, & Adolph, K. E. (2011, March). *Walking skill and walking experience predict spontaneous walking in infants.* Society for Research in Child Development, Montreal, Canada.
183. Cole, W. G.\*, Lingeman, J. M.\*, Chan, G.\*, Quon, E.\*, Bendicksen, D.\*, Vereijken, B., & Adolph, K. E. (2011, March). *Monkeying around: Development of human brachiation.* Society for Research in Child Development, Montreal, Canada.
184. Franchak, J. M.\* & Adolph, K. E. (2011, March). *Walls and falls: Infants' motor decisions reflect consequences of errors.* Society for Research in Child Development, Montreal, Canada.
185. Karasik, L. B.\*, Zuckerman, A. L.\* & Adolph, K. E. (2011, March). *Lend me a hand: Supported walking in 11-month-old infants.* Society for Research in Child Development, Montreal, Canada.
186. Karasik, L. B.\*, Tamis-LeMonda, C. S. & Adolph, K. E. (2011, March). *Mothers' response to infant object sharing.* Society for Research in Child Development, Montreal, Canada.
187. Karasik, L. B.\*, Adolph, K. E., & Bornstein, M. H. (2011, March). *Maternal support of infants' posture & play: A cross-cultural comparison.* Paper presented to the Society for Research in Child Development, Montreal, Canada.
188. Komati, M.\*, Iravani, S.\*, McGwier, M. S.\*, Lingeman, J. M.\*, Cole, W. G.\*, & Adolph, K. E. (2011, March). *Walk this way: Developmental changes in spontaneous walking.* Society for Research in Child Development, Montreal, Canada.
189. Kretch, K. S.\*, Kung, J.\* & Adolph, K. E. (2011, March). *A day in the life: Opportunities for learning in everyday activity.* Society for Research in Child Development, Montreal, Canada.
190. Adolph, K. E. & Tamis-LeMonda, C. S. (2010, November). *Infants' use of mothers' messages in risky motor situations.* Paper presented to the International Society for Developmental Psychobiology, San Diego, CA.
191. Cole, W. G.\*, Lingeman, J. W.\*, & Adolph, K. E. (2010, November). *Go naked: Effects of diapers on infant walking.* International Society for Developmental Psychobiology, San Diego, CA.
192. Franchak, J. M.\* & Adolph, K. E. (2010, November). *Tight squeeze: Infants' motor decisions reflect consequences for errors.* International Society for Developmental Psychobiology, San Diego, CA.
193. Komati, M.\*, Iravani, S.\*, McGwier, M. S.\*, Lingeman, J. M.\*, Cole, W. G.\*, & Adolph, K. E. (2010, November). *Step by step: Developmental changes in spontaneous walking.* International Society for Developmental Psychobiology, San Diego, CA.
194. Kretch, K. S.\* & Adolph, K. E. (2010, November). *The kiddy carousel: Visual exploration during active and passive locomotion.* International Society for Developmental Psychobiology, San Diego, CA.
195. Lingeman, J. M.\*, Pham, A.\*, Soska, K. C.\*, Adolph, K. E., Rosander, K., von Hofsten, C., & Kiorpes, L. (2010, November). *Visually guided reaching: Parallels between human and non-human primates.* International Society for Developmental Psychobiology, San Diego, CA.

196. Soska, K. C.\*, Lurie, A. L.\*, Robinson, S. R., & Adolph, K. E. (2010, November). *Spontaneous transitions between crawling and sitting postures during infant locomotion*. Paper presented at the meeting of the International Society for Developmental Psychobiology, San Diego, CA.
197. Adolph, K. E. (2010, March). *Development, seriously*. Invited keynote speaker, International Conference on Infant Studies, Baltimore, MD.
198. Adolph, K. E. (2010, March). Action effects. Discussant for invited symposium, *The impact of self-produced action on cognitive and perceptual development*. International Conference on Infant Studies, Baltimore, MD.
199. Franchak, J. M.\*, Kretch, K. S.\*, Soska, K. C.\*, & Adolph, K. E. (2010, March). *Visual exploration during natural interactions: Head-mounted eye-tracking with mobile infants*. Paper presented to the International Conference on Infant Studies, Baltimore, MD.
200. Gabelman, L.\*, Franchak, J. M.\*, & Adolph, K. E. (2010, March). *Fovea to periphery: The developmental progression of visual guidance during obstacle navigation*. International Conference on Infant Studies, Baltimore, MD. [Winner of the ICIS Outstanding Undergraduate Submission Award]
201. Hurwitz, L. B.\*, Karasik, L. B.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2010, March). *Mothers' views of developmental transitions in infancy*. International Conference on Infant Studies, Baltimore, MD.
202. Ishak, S.\* & Adolph, K. E. (2010, March). *Perceiving affordances for fitting through openings by infants, children, and adults*. International Conference on Infant Studies, Baltimore, MD.
203. Karasik, L. B.\*, Zuckerman, A.\*, & Adolph, K. E. (2010, March). *Carrying objects in crawling and walking infants*. International Conference on Infant Studies, Baltimore, MD.
204. Komati, M.\*, Karasik, L. B.\*, & Adolph, K. E. (2010, March). *Hand over fist: Infants' simultaneous exploration of multiple objects*. International Conference on Infant Studies, Baltimore, MD.
205. Kretch, K. S.\*, Karasik, L. B.\*, & Adolph, K. E. (2010, March). *The tangible cliff: How infants learn to cope with a real drop-off*. International Conference on Infant Studies, Baltimore, MD.
206. Quon, J. L.\*, Kretch, K. S.\*, & Adolph, K. E. (2010, March). *Walking the bridge: Perceiving possibilities for action in infant locomotion*. International Conference on Infant Studies, Baltimore, MD.
207. Soska, K. C.\*, Adolph, K. E., Hofsten, C., Rosander, K. (2010, March). *Dynamic reaching in infants: Prospective control in the context of ongoing movement*. International Conference on Infant Studies, Baltimore, MD.
208. Soska, K. C.\*, Galeon, M. A.\*, & Adolph, K. E. (2010, March). *Breaking symmetry: Spontaneous movements of hands and legs during unimanual object exploration*. International Conference on Infant Studies, Baltimore, MD.
209. Cole, W. G.\*, Quon, E.\*, & Adolph, K. E. (2009, October). *Brachiation on monkey bars*. Paper presented to the International Society for Developmental Psychobiology, Chicago, IL.
210. Franchak, J. M.\*, Kretch, K. S.\*, Soska, K. C.\*, & Adolph, K. E. (2009, October). *Head-mounted eye-tracking of infants during natural interaction*. Paper presented to the International Society for Developmental Psychobiology, Chicago, IL.
211. Kretch, K. S.\*, Karasik, L. B.\*, & Adolph, K. E. (2009, October). *Cliff or step? Posture-specific learning at the edge of a drop-off*. Paper presented to the International Society for Developmental Psychobiology, Chicago, IL.
212. Soska, K. C.\*, Galeon, M. A.\*, & Adolph, K. E. (2009, October). *On the other hand: Spontaneous movements of the free hand during unimanual object exploration in infants*. Paper presented to the International Society for Developmental Psychobiology, Chicago, IL.
213. Adolph, K. E. (2009, July). *Emerging actions: Discovery and selection of new means*. Invited symposium to honor Herb Pick, International Conference on Perception and Action, Minneapolis, MN.
214. Franchak, J. M.\*, van der Zalm, D. J. \*, Hartzler, B. M. \*, & Adolph, K. E. (2009, July). *Perceiving affordances for navigating through openings*. Paper presented to the International Conference on Perception and Action, Minneapolis, MN.
215. Soska, K. C. \* & Adolph, K. E. (2009, July). *Dynamic reaching in infants*. Paper presented to the International Conference on Perception and Action, Minneapolis, MN.
216. Berger, S. E., Adolph, K. E., Goodman, E. E. \*, & Gavora, A. P. \* (2009, April). *Cruise control: How cruising infants solve the problem of keeping balance*. Symposium paper presented to the Society for Research in Child Development, Denver, CO

217. Franchak, J. M.\*, Adolph, K. E., Gabelman, L.\*, & Babcock, J. S. (2009, April). *Visual guidance of locomotion in children: Navigation from the periphery*. Symposium paper presented to the Society for Research in Child Development, Denver, CO.
218. Karasik, L. B.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2009, April). *The transition from crawling to walking affects infants' actions with objects*. Symposium paper presented to the Society for Research in Child Development, Denver, CO.
219. Soska, K. C.\*, & Adolph, K. E. (2009, April). *Infants' posture affects visual and haptic exploration of object properties*. Society for Research in Child Development, Denver, CO.
220. Adolph, K. E., Franchak, J. M.\*, Badaly, D.\*, Smith, M. T.\*, & Babcock, J. S. (2008, May). *Head-mounted eye-tracking with children: Visual guidance of motor action*. Vision Sciences Society, Naples, FL.
221. Badaly, D.\* & Adolph, K. E. (2008, March). *Walkers on the go, crawlers in the shadow: 12-month-old infants' locomotor experience*. International Conference on Infant Studies, Vancouver, Canada.
222. Franchak, J. M.\*, Adolph, K. E., Badaly, D.\*, & Babcock, J. S. (2008, November). *Navigation from the corner of the eye: Visual guidance of locomotion in children*. International Society for Developmental Psychobiology, Washington, DC.
223. Franchak, J. M.\*, Smith, M. T.\*, & Adolph, K. E. (2008, May). *Visual guidance of locomotion in infants, young adults and the elderly*. Vision Sciences Society, Naples, FL.
224. Mathioudakis, E. T.\*, Badaly, D.\*, & Adolph K. E. (2008, March). *One child's day: A descriptive case study of locomotor experience in the first 18 months of life*. International Conference on Infant Studies, Vancouver, Canada.
225. Soska, K. C.\* & Adolph, K. E. (2008, November). *Posture changes infants' visual-manual exploration of objects*. International Society for Developmental Psychobiology, Washington, D.C.
226. Soska, K. C.\*, Adolph, K. E., & Johnson, S. P. (2008, March). *3D object completion develops with infants' visual-manual exploration*. International Conference on Infant Studies, Vancouver, BC.
227. Adolph, K. E. (2007, October). *Flexibility and specificity of motor learning*. Symposium paper presented to the International Society for Developmental Psychobiology, San Diego, CA.
228. Franchak, J. M.\*, Smith, M. T.\*, & Adolph, K. E. (2007, October). *Pregnant women walking through doorways*. Symposium paper presented to the International Society for Developmental Psychobiology, San Diego, CA.
229. Franchak, J. M.\* & Adolph, K. E. (2007, May) *Perceiving changing affordances for action: Pregnant women walking through apertures*. Symposium paper presented to the Vision Science Society, Sarasota, FL.
230. Ishak, S.\* & Adolph, K. E. (2007, May) *Gauging affordances for reaching through apertures*. Vision Science Society, Sarasota, FL.
231. Soska, K. C.\*, Adolph, K. E., & Johnson, S. P. (2007, May). *3D object completion develops through infants' manual exploration*. Symposium paper presented to the Vision Science Society, Sarasota, FL.
232. Adolph, K. E., Tamis-LeMonda, C. S., Lobo, S. A.\*, Ishak, S.\*, & Karasik, L. B.\* (2007, March). *Representing the body's capabilities for action: Infants' use of perceptual and social information for guiding motor decisions*. Symposium paper presented to the Society for Research in Child Development, Boston, MA.
233. Lobo, S. A.\*, Koren, A.\*, Karasik, L. B.\*, Ishak, S.\*, Adolph, K. E., & Tamis-LeMonda, C. S. (2007, March). *Use of information for friction underfoot for guiding locomotion down slopes by 18-month-old infants*. Society for Research in Child Development, Boston, MA.
234. Badaly, D.\*, Garciaguirre, J. S.\*, & Adolph, K. E. (2007, March). *Baby steps and giant steps: Intra- and inter-individual differences in infant walking*. Society for Research in Child Development, Boston, MA.
235. Ishak, S.\*, Adolph, K. E., Lobo, S. A.\*, Karasik, L. B.\*, Tamis-LeMonda, C. S. (2007, March). *Experienced crawlers and novice walkers descending slopes*. Society for Research in Child Development, Boston, MA.
236. Karasik, L. B.\*, Lobo, S. A.\*, Ishak, S.\*, Dimitropoulou, K. A., Tamis-LeMonda, C. S., & Adolph, K. E. (2007, March). *Effects of infants' locomotor experience on mothers' communication about action*. Society for Research in Child Development, Boston, MA.
237. Lobo, S. A.\*, Koren, A.\*, Karasik, L. B.\*, Ishak, S.\*, Adolph, K. E., & Tamis-LeMonda, C. S. (2007, March). *Infants' use of social and perceptual information for guiding locomotion in low friction conditions*. Society for Research in Child Development, Boston, MA.

238. Dimitropoulou, K. A., Tamis-LeMonda, C. S., Adolph, K. E., Lobo, S. A.\*, Karasik, L. B.\*, & Ishak, S.\* (2007, March). *Advances in locomotor skills shape infants' social interactions*. Society for Research in Child Development, Boston, MA.
239. Garciaguirre, J. S.\* & Adolph, K. E. (2006, June). *Infants' everyday locomotor experience: A walking and falling marathon*. International Society of Infant Studies, Kyoto, Japan.
240. Garciaguirre, J. S.\* & Adolph, K. E. (2005, November). *Walking and falling: An everyday marathon*. International Society of Developmental Psychobiology, Washington, D.C.
241. Gill-Alvarez, S. V.\* & Adolph, K. E. (2005, November). *Emergence of flexibility: How infants learn a stepping strategy*. International Society of Developmental Psychobiology, Washington, D.C.
242. Ishak, S.\*, Lobo, S. A.\*, & Adolph, K. E. (2005, November). *Posture-specific learning in 12-month-old crawlers and walkers*. International Society of Developmental Psychobiology, Washington, D.C.
243. Joh, A. S.\*, Adolph, K. E., & Dewind, N. K.\* (2005, November). *Learning from slipping and falling*. International Society of Developmental Psychobiology, Washington, D.C.
244. Karasik, L. B.\*, Ishak, S.\*, Lobo, S. A.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2005, November). *Infants' use of social and perceptual information in a social referencing task*. International Society of Developmental Psychobiology, Washington, D.C.
245. Lobo, S. A.\*, Ishak, S., Karasik, L. B.\*, & Adolph, K. E. (2005, November). *Friction underfoot affects infants' ability to cope with slopes*. International Society of Developmental Psychobiology, Washington, D.C.
246. Dimitropoulou, K. A.\*, Smith, M. T.\*, Alibali, M. W., Tamis-LeMonda, C. S., & Adolph, K. E. (2005, October). *The effectiveness of mothers' social messages*. Cognitive Development Society, San Diego, CA.
247. Dimitropoulou, K. A.\*, Tamis-LeMonda, C. S., Adolph, K. E., & Alibali, M. W. (2005, October). *Children's age and expertise affect mothers' verbal and gestural communications*. Cognitive Development Society, San Diego, CA.
248. Karasik, L. B.\*, Dimitropoulou, K. A.\*, Lobo, S. A.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2005, October). *How do mothers encourage and discourage infants' actions?* Cognitive Development Society, San Diego, CA.
249. Adolph, K. E., Joh, A. S.\*, Ishak, I.\*, Lobo, S. A.\*, & Berger, S. E. (2005, October). *Specificity of infants' knowledge for action*. Symposium paper presented to the Cognitive Development Society, San Diego, CA.
250. Adolph, K. E. (2005, October). *Development of locomotion*. Invited paper presented to the European Science Foundation Research Conference on Brain Development and Cognition in Human Infants, Acquafredda di Maratea, Italy.
251. Adolph, K. E. (2005, July). *Learning mechanisms in the development of action*. Invited paper presented to the III STEP Conference, Sponsored by the American Physical Therapy Association, University of Utah, Salt Lake City.
252. Adolph, K. E. & Joh, A. S.\* (2005, May). *Multiple learning mechanisms in the development of action*. Invited paper presented to the Conference on New Approaches to Infant Learning and Cognition, Duke University
253. Adolph, K. E. & Joh, A. S.\* (2005, May). *Multiple learning mechanisms in the development of action*. Paper presented to the Conference on Motor Development and Learning, Murcia, SPAIN.
254. Joh, A. S.\* & Adolph, K. E. (2005, April). *Crawling, walking, and learning about falling*. Society for Research in Child Development, Atlanta, GA.
255. Lobo, S. A., Ishak, S.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2005, April). *The real time process of teaching and learning*. Society for Research in Child Development, Atlanta, GA.
256. Karasik, L. B.\*, Dimitropoulou, K. A.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2005, April). *What's in a message? Investigation of mothers' affect, gestures, and vocalizations in a social referencing task*. Society for Research in Child Development, Atlanta, GA.
257. Gill-Alvarez, S. V.\* & Adolph, K. E. (2005, April). *Flexibility in infant skill acquisition: How infants learn a stepping strategy*. Society for Research in Child Development, Atlanta, GA.
258. Campbell, M. R.\*, Joh, A. S.\*, Adolph, K. E., & Eppler, M. A. (2004, June). *Shine is not a reliable cue for low-friction ground*. North American Meeting of the International Society for Ecological Psychology, Storrs, CT.

259. Narayanan, P. N.\*, Joh, A. S.\*, Adolph, K. E., & Eppler, M. A. (2004, June). *Can walkers incorporate tactile friction information with visual depth information?* North American Meeting of the International Society for Ecological Society, Storrs, CT.
260. Wall, L. A.\*, Joh, A. S.\*, Adolph, K. E., & Eppler, M. A. (2004, June). *What cues do walkers associate with falling?* North American Meeting of the International Society for Ecological Society, Storrs, CT.
261. Adolph, K. E. (2004, May). *Everyday learning*. Symposium paper presented to the International Conference on Infant Studies, Chicago, IL.
262. Adolph, K. E., Tamis-LeMonda, C. S., & Alibali, M. W. (2004, May). *Talking & walking: Infants' social communication on a risky path* Symposium paper presented to the International Conference on Infant Studies, Chicago, IL.
263. Berger, S., Theuring, C.\*, & Adolph, K. E. (2004, May). *Social, cognitive, geographical, and biomechanical factors affect infants' learning to ascend and descend stairs*. International Conference on Infant Studies, Chicago, IL.
264. Dimitropoulou, K. A.\*, Tamis-LeMonda, C. S., Adolph, K. E., & Alibali, M. W. (2004, May). *Effects of children's age and expertise on mothers' verbal and gestural communications*. International Conference on Infant Studies, Chicago, IL.
265. Garciaguirre, J. S.\*, & Adolph, K. E. (2004, May). *How infants adapt to functional changes in body dimensions*. International Conference on Infant Studies, Chicago, IL.
266. Joh, A. S.\* & Adolph, K. E. (2004, May). (Not) learning by doing: Garcia Effect in a locomotor discrimination learning task. Symposium paper presented to the International Conference on Infant Studies, Chicago, IL.
267. Karasik, L. B.\*, Lobo, S. A., Zack, E. A., Dimitropoulou, K. A.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2004, May). *Does mother know best? Infants' use of mothers' unsolicited advice in a potentially risky motor task* International Conference on Infant Studies, Chicago, IL.
268. Robinson, S. R., Adolph, K. E., & Young, J. W.\* (2004, May). *Continuity vs. discontinuity: How different time scales of behavioral measurement affect the pattern of developmental change*. International Conference on Infant Studies, Chicago, IL.
269. Sotsky, R. B.\*, Garciaguirre, J. S.\*, & Adolph, K. E. (2004, May). *New York infant walking tours*. International Conference on Infant Studies, Chicago, IL.
270. Tamis-LeMonda, C. S., Adolph, K. E., Karasik, L. B.\*, Lobo, S. A., Dimitropoulou, K. A.\*, & Zack, E. A. (2004, May). *How infants' decisions about action depend on understanding self and other*. Symposium paper presented to the International Conference on Infant Studies, Chicago, IL.
271. Yanez, B. R.\*, Domakonda, K. V.\*, Gill-Alvarez, S. V., Adolph, K. E., & Vereijken, B. (2004, May). *Automaticity and plasticity in infant and adult walking*. International Conference on Infant Studies, Chicago, IL.
272. Zack, E. A., Dimitropoulou, K. A.\*, Acevedo, M. X.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2004, May). *No, don't, stop! Words mothers use when their children are at risk*. International Conference on Infant Studies, Chicago, IL.
273. Joh, A. S.\*, Wall, L. A.\*, Narayanan, P. N.\*, Campbell, M. R.\*, Adolph, K. E., Eppler, M. A., & Pignetti, V. M. \* (2003, November). *Development of learning from falling*. International Society for Developmental Psychobiology, New Orleans, LA.
274. Sotsky, R. B.\*, Garciaguirre, J. S.\*, & Adolph, K. E. (2003, November). *How infants keep pace with their mothers*. International Society for Developmental Psychobiology, New Orleans, LA.
275. Young, J.W.\*, Webster, T.\*, Adolph, K. E., Robinson, S. R., & Kanani, P.\* (2003, November). *The effects of sampling frequency on developmental trajectories*. International Society for Developmental Psychobiology, New Orleans, LA.
276. Dimitropoulou, K.A.\*, Tamis-LeMonda, C. S., Adolph, K. E., & Alibali, M. W. (2003, November). *Effects of mothers' expectations on their communication strategies*. Society for the Study of Human Development, Cambridge, MA.
277. Lobo, S. A., Karasik, L. B.\*, Zack, E. A., Dimitropoulou, K. A.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2003, November). *When do infants take mothers' advice?* Society for the Study of Human Development, Cambridge, MA.
278. Zack, E. A., Dimitropoulou, K. A.\*, Acevedo, M. X.\*, Tamis-LeMonda, C. S., & Adolph, K. E. (2003, November). *No, don't, stop! Mothers' words for dangerous things*. Society for the Study of Human Development, Cambridge, MA.

279. Joh, A. S.\* , Adolph, K. E., & Pignetti, V. M.\* (2003, May). *Discriminative learning in locomotion: Infants, preschoolers, and adults*. American Psychological Society, Atlanta, GA.
280. Biu, O.\* , Young, J. W.\* , Pethkongkathon, J.\* , Kanani, P.\* , & Adolph, K. E. (2003, April). *A microgenetic analysis of the trajectory of motor development*. Society for Research in Child Development, Tampa, FL.
281. Joh, A. S.\* & Adolph, K. E. (2003, April). *Discrimination learning in infant locomotion: When one-trial learning fails*. Society for Research in Child Development, Tampa, FL.
282. Adolph, K. E., Joh, A. S.\* , & Eppler, M. A. (2003, January). *Development of visually guided locomotion*. International Society of Developmental Psychobiology, Jamaica.
283. Young, J.W.\* , Biu, O.\* , Pethkongkathon, J.\* , Kanani, P.\* , & Adolph, K.E. (2002, October). *Continuity and discontinuity in motor skill acquisition*. International Society for Developmental Psychobiology, Orlando, FL.
284. Joh, A. S.\* & Adolph, K. E. (2002, October). *Watch your step! Discrimination learning in infant locomotion*. International Society of Developmental Psychobiology, Orlando, FL.
285. Vereijken, B. & Adolph, K. E. (2002, April). *The development of independent walking: What changes, how, and why*. International Conference on Infant Studies, Toronto, CANADA.
286. Berger, S. E.\* & Adolph, K. E. (2002, April). *Infants' Handrail Use as a Tool for Balance Control*. International Conference on Infant Studies, Toronto, CANADA.
287. Adolph, K. E. & Lockman, J. L. (2002, April). *How tools expand the potential for action: Hands, handles, and handrails*. Symposium Organizers, International Conference on Infant Studies, Toronto, CANADA.
288. Adolph, K. E., Joh, A. S.\* , & Friedman, A. A.\* (2002, April). *Learning the Location of Risky Ground*. International Conference on Infant Studies, Toronto, CANADA.
289. Adolph, K. E., Biu, O.\* , Pethkongkathon, S.\* , & Young, J. W.\* (2002, April). *Transitions in development: The trajectory of motor skill acquisition*. International Conference on Infant Studies, Toronto, CANADA.
290. Adolph, K. E. (2001, June). *Why infants fall down: Specificity of motor learning*. International Conference on Perception and Action, Storrs, CT.
291. Fraise, F.\* , Couet, A.\* , Bellanca, K.\* , & Adolph, K.E. (2001, June). *Infants' response to potential risk*. International Conference on Perception and Action, Storrs, CT.
292. Adolph, K. E., Friedman, A. A.\* , & Saxena, A.\* (2001, June). *Learning to detect risky ground based on cues for rigidity*. International Conference on Perception and Action, Storrs, CT.
293. Lo, T. W.\* & Adolph, K. E. (2001, June). *Depth information is privileged: The case of friction*. International Conference on Perception and Action, Storrs, CT.
294. Anderson, J.\* , Bode, C.\* , Adolph, K. E., & Faradjian, G.\* (2001, May). *Effects of asymmetry on automaticity and adaptability in adult walking*. International Conference on Event Perception and Action, Storrs, CT.
295. Anderson, J.\* , Bode, C.\* , Adolph, K. E., & Faradjian, G.\* (2001, May). *Automaticity and adaptability in infant and adult walking*. First World Congress: Motor Development and Learning in Infancy, Amsterdam, THE NETHERLANDS.
296. Fraise, F.\* , Couet, A.\* , & Adolph, K. E. (2001, May). *Sequential exploration in infants locomotion*. First World Congress: Motor Development and Learning in Infancy, Amsterdam, THE NETHERLANDS.
297. Anderson, J.\* , Bode, C.\* , Adolph, K. E., & Faradjian, G.\* (2001, April). *The automaticity/flexibility trade-off in infant and adult walking*. Society for Research in Child Development, Minneapolis, MN.
298. Fraise, F.\* , Couet, A.\* , & Adolph, K. E. (2001, April). *Exploration in infants' locomotion*. Society for Research in Child Development, Minneapolis, MN.
299. Chan, M. Y.\* , Biancaniello, R.\* , Adolph, K. E., & Marin, L. (2000, July). *Tracking infants' locomotor experience: The telephone diary*. International Conference on Infant Studies, Brighton, ENGLAND.
300. Mondschein, E. R.\* , Lynch, D.\* , Adolph, K. E., & Tamis-LeMonda, C. S. (2000, July). *Gender bias in mothers' expectations of infants' crawling skill and motor risk-taking*. International Conference on Infant Studies, Brighton, ENGLAND.
301. Berger, S. E.\* , McLaughlin, A. E.\* , & Adolph, K. E. (2000, July). *Toddlers' recognition of a handrail as an aid for locomotion*. International Conference on Infant Studies, Brighton, ENGLAND.
302. Leo, A.\* , Chiu, J.\* , & Adolph, K. E. (2000, July). *Temporal and functional relationships of crawling, cruising, and walking*. International Conference on Infant Studies, Brighton, ENGLAND.

303. Berger, S. E.\*, McLaughlin, A. E.\*, Hobson, M. M.\*, & Adolph, K. E. (2000, April). *Toddlers' exploratory behavior as a predictor of accurate decision-making in a locomotor task*. Conference on Human Development, Memphis, TN.
304. Faradjian, G.\*, Marin, L., & Adolph, K. E. (2000, July). *Automaticity and flexibility in infant walking*. Conference on Human Development, Memphis, TN.
305. Weise, I.\*, Marin, L., Eppler, M. A., & Adolph, K. E. (2000, April). *Prospective and reactive control in infant locomotion*. Conference on Human Development, Memphis, TN.
306. Adolph, K. E. (1999, August). *Papers in honor of Eleanor J. Gibson: Learning and transfer in infant motor skill acquisition*. International Conference on Event Perception and Action, Edinburgh, SCOTLAND.
307. Adolph, K. E., Avolio, A. M.\*, & Leo, A. J.\* (1999, August). *Specificity of learning: Why infants fall over a veritable cliff*. International Conference on Event Perception and Action, Edinburgh, SCOTLAND.
308. Lo, T. W.\*, Avolio, A. M.\*, Massop, S. A.\*, & Adolph, K. E. (1999, August). *Why toddlers don't perceive risky ground based on surface friction*. International Conference on Event Perception and Action, Edinburgh, SCOTLAND.
309. Chan, M. Y.\*, Lu, Y.\*, Marin, L., & Adolph, K. E. (1999, August). *A baby's day: Capturing crawling experience*. International Conference on Event Perception and Action, Edinburgh, SCOTLAND.
310. Adolph, K. E. & Avolio, A. M.\* (1999, April). *Infants' social and affective responses to risk*. Society for Research in Child Development, Albuquerque, NM.
311. Lo, T. W.\*, Massup, S.\*, Avolio, A. M.\*, & Adolph, K. E. (1999, April). *How toddlers use friction cues to descend slopes*. Society for Research in Child Development, Albuquerque, NM.
312. Adolph, K. E., Avolio, A. M.\*, Barrett, T.\*, Mathur, P.\*, & Murray, A.\* (1998, April). *Step counter: Quantifying infants' everyday walking experience*. International Conference on Infant Studies, Atlanta, GA.
313. Adolph, K. E., Avolio, A. M.\*, Melton, K. E.\*, Arnet, H. S.\*, & Eppler, M. A. (1998, April). *Infant learning about balance control across changes in body posture*. International Conference on Infant Studies, Atlanta, GA.
314. Stergiou, C. S.\*, Adolph, K. E., Alibali, M. W., Avolio, A. M.\*, & Cenedella, C.\* (1997, July). *Social expressions in infant locomotion: Vocalizations and gestures on slopes*. International Conference on Event Perception and Action, Toronto, CANADA.
315. Avolio, A. M.\*, Thompson, B. E.\*, Lin, H. R.\*, Biswas, S. C.\*, & Arnet, H. S.\* (1997, April). *Adaptive action in infants: Psychophysical double staircase procedure*. Society for Research in Child Development, Washington, D. C.
316. Adolph, K. E., Avolio, A. M.\*, Stergiou, C.\*, & Cenedella, C.\* (1997, April). *Social expressions in infant locomotion over slopes*. Society for Research in Child Development, Washington, D. C.
317. Adolph, K. E., Gill, S. V.\*, Lucero, A. A.\*, Mathur, P.\*, & Murray, A.\* (1997, April). *Specificity and transfer in infant locomotion: Learning to detect balance requirements*. Society for Research in Child Development, Washington, D. C.
318. Adolph, K. E., Vereijken, B., Byrne, K. J.\*, Urspruch, T.\*, Ilustre, I.\*, & Ondrako, A. M.\* (1996, April). *Footprint method of gait analysis: New insights into infant walking*. International Conference on Infant Studies, Providence, RI.
319. Adolph, K. E., Gill, S.\*, Lucero, A.\*, & Fadl, Y.\* (1996, April). *Emergence of a stepping strategy: How infants learn to walk down hills*. International Conference on Infant Studies, Providence, RI.
320. Vereijken, B., Adolph, K. E., & Denny, M. A.\* (1996, April). *Roles of variability and experience in development of crawling*. International Conference on Infant Studies, Providence, RI.
321. Adolph, K. E. & Siegler, R. S. (1995, July). *Understanding change in infant skill acquisition*. Paper presented at the meeting of the International Society for Event Perception and Action, Marseilles, FRANCE.
322. Vereijken, B., Adolph, K. E., Denny, M. A.\*, Fadl, Y.\*, Gill, S. V.\*, & Lucero, A. A.\* (1995, July). *Development of infant crawling: Balance constraints on interlimb coordination*. International Society for Event Perception and Action, Marseilles, FRANCE.
323. Gorday, K. M.\*, Stroop, M. A.\*, Adolph, K. E., & Thelen, E. (1995, July). *Toddlers' postural control on different surfaces*. International Society for Event Perception and Action, Marseilles, France.

324. Adolph, K. E., Vereijken, B., Denny, M. A.\*, Fadl, Y.\*, Gill, S. V.\*, & Lucero, A. A.\* (1995, June). *Changing balance requirements constrain variability in infant crawling*. American Psychological Society, New York, NY.
325. Adolph, K. E., Avolio, A. M.\*, Thompson, B. E.\*, Diaz-Peroza, C.\*, Byrne, K. J.\*, & Denny, M. A.\* (1994, March). *How infants learn to cope with slopes: The role of locomotor experience and exploratory activity*. Society for Research in Child Development, Indianapolis, IN.
326. Wechsler, M. A.\* & Adolph, K. E. (1994, March). *Learning new ways of moving: Variability in infants' discovery and selection of motor strategies*. Society for Research in Child Development, Indianapolis, IN.
327. Adolph, K. E., Ruff, H. A., Kim, D. R.\*, & Capozzoli, M. C. (1994, November). *Preschoolers' strategies for allocating attention: Individual differences and task constraints*. Psychonomic Society, St. Louis, MO.
328. Adolph, K. E. & Pursifull, S.\* (1993, August). *Changing perspectives from crawling to walking: Position-specific learning in infants descending slopes*. International Conference on Event Perception and Action, Vancouver, Canada.
329. Adolph, K. E. (1993, April). *Specificity of learning in infants' locomotion over slopes: Longitudinal study from crawling to walking*. Society for Research in Child Development, New Orleans, LA.
330. Weiner, T. S.\* & Adolph, K. E. (1993, April). *Toddlers' perception of slant vs. slope height for descending slopes*. Society for Research in Child Development, New Orleans, LA.
331. Adolph, K. E. & Eppler, M. A. (1992, May). *Actual vs. perceived possibilities for toddlers' locomotion over slopes: A psychophysical procedure*. International Conference on Infant Studies, Miami, FL.
332. Eppler, M. A., Adolph, K. E., & Gibson, E. J. (1992, May). *Differential exploration of sloping surfaces in relation to development of crawling skill*. International Conference on Infant Studies, Miami, FL.
333. Adolph, K. E., Eppler, M. A., & Gibson, E. J. (1991, April). *Crawling vs. walking infants' detection of action possibilities on a sloping walkway*. Society for Research in Child Development, Seattle, WA.
334. Eppler, M. A., Gibson, E. J., & Adolph, K. E. (1991, April). *Emerging object manipulation skills and attention to intermodal object properties in 3.5- and 5.5-month-old infants*. Society for Research in Child Development, Seattle, WA.
335. Adolph, K. E., Gibson, E. J., & Eppler, M. A. (1990, April). *Perceiving affordances of slopes: The ups and downs of toddlers' locomotion*. International Conference on Infant Studies, Montreal, Canada.
336. Adolph, K. E. & Eppler, M. A. (1990, March). *Two styles of gait in development of walking*. Conference for Human Development, Richmond, VA.
337. Eppler, M. A., Gibson, E. J., & Adolph, K. E. (1990, March). *Infants' attention to objects in the development of object manipulation skills*. Conference for Human Development, Richmond, VA.
338. Adolph, K. E., Gibson, E. J., & Eppler, M. A. (1989, July). *Toddlers' perception of the affordances of sloping surfaces*. International Conference on Event Perception and Action, Miami, OH.
339. Adolph, K. E., Gibson, E. J., & Eppler, M. A. (1988, October). *Toddlers' exploration of nonhorizontal surfaces*. International Society for Ecological Psychology, Storrs, CT.
340. Shapiro, B. A., Eppler, M. A., & Adolph, K. E. (1988, April). *Infants' abilities to perceive lawful relations in visual events*. International Conference on Infant Studies, Washington, D. C.

### **RESEARCH FEATURES IN PUBLIC MEDIA**

- 2021 Method to the Motion Between Mothers and Toddlers: Synchronized Movements Pave Way for Children's Interactions with Bigger World. *Early Learning Nation*.
- 2021 You're Never Too Old to Become a Beginner. *Wall Street Journal*.
- 2020 Fear of Spiders, Snakes, Heights, and Strangers Comes from Parents, Not from Evolution. Child Family Blog
- 2020 Babies, Episode 3 "Crawling." *Netflix Documentary Series*.
- 2020 "Normalt" i Sma Barns Utveckling Skiljer Sig at i Varlden. *Radio Sweden*.
- 2020 Culture Helps Shape When Babies Learn to Walk. *Science News*.
- 2019 This Woman Counted Literal Baby Steps, and They Walk Farther Than You'd Think. *Popular Science*.
- 2019 Robots Can Learn Walking from Motor Actions of Infants? *Science and Information Conferences*.
- 2019 Machines on Mission Possible. *Nature Machine Intelligence*.

- 2018 The Way Toddlers Waddle Can Teach Robot Footballers How to Play. *Daily News*.
- 2017 Supercharge His Walking Skills: What Happens When Your Baby Starts to Walk...and How You Can Support His Learning Curve. *Mother and Baby Magazine*
- 2017 The Strange Reason Tummy Time Was Invented For Babies. *Fatherly*
- 2017 How to Motivate a Baby to Roll, Crawl, Cruise, and Walk: Advice from a Scientist Who Spends Her Days Studying Infant Locomotion. *Fatherly*
- 2015 Good Behavior: Sharing and Reusing Research Video. *NIH BSSR Lecture Series*
- 2015 Fear of Heights in Infants. *Science Friday*
- 2014 Are Infants Afraid of Heights? *Psychology Today*
- 2014 Who, what, why: Is everyone born with a fear of heights? *BBC News*
- 2014 Infants on the Edge of a Cliff. *Public Health Minute with Bill Latimer*
- 2013 Toddlers Are Afraid of Falling, but Not of Heights. *British Psychological Society Research Digest*
- 2013 Toddlers Walk Best Naked, but There's a Catch. *The London Times*
- 2013 The One Thing Standing in the Way of Your Baby Walking. *Slate: How Babies Work*
- 2013 Diapers Hinder Walking for Babies. *Scientific American*
- 2012 Infants' Avoidance of Drop-off Reflects Specific Motor Ability, Not Fear. *Science Daily*
- 2012 Infants Learn to Walk by Learning to Fall. *Psychology in Action*
- 2012 Mini Marathons: Tireless Toddlers Cover More than 2.5 Miles a Day. *Daily Mail*
- 2011 Eye-tracking Device Travels with Toddlers. *Simons Foundation Autism Research Initiative News & Opinion Toolbox*
- 2010 New Studies Reveal Infants' World of Vision. *Voices of America Science/Health News*
- 2010 With Kids and Coffee Tables, It's Trip, Fall, Ouch. *The New York Times House & Garden Section*
- 2010 Looking this Way and That, and Learning to Adapt to the World. *The New York Times, Tuesday Science Section*
- 2010 Babies on the Edge: When They Learn to Walk, Toddlers Must Figure Out Their Limitations All Over Again. *Scientific American Mind*
- 2010 My Baby the Lab Rat. *Parents Magazine*
- 2010 Effects of Action on Cognition. *American Baby*
- 2007 Infant Motor Development. *National Geographic Channel*
- 2007 How and When Infants Learn to Climb Stairs. *FLASH Alert to New Science and Health Research Stories*
- 2006 Crawling in Infants and Adults. *BBC Channel*
- 2004 The Learning Curve. *The New York Sun*
- 2004 The Baby Human (Social Information in Motor Learning). *Discovery Health Channel*
- 2003 Toddlers Ride Rail to Tool Use. *Science News*
- 2003 Go, Baby, Go. *American Baby*
- 2003 Tools for Tots. *Infants to Adolescents, Research Update, Vol. 4(5)*.
- 2003 The Baby Human (Specificity of Motor Learning; Locomotor Tool Use). *Discovery Health Channel*
- 2002 Is Crawling Over-rated? *New York Newsday*
- 2002 Infant Crawling. *New York City Channel 11*
- 2001 Motor Development. *Cognitive Arts*
- 2000 Babies Posture to Learn. *Science News*
- 2000 The Journey Through Childhood. *Worth Publishers*
- 2000 Get a Move on Baby. *American Baby Magazine*
- 1999 Minds on the Move: Babies Extend their Reach into a World of Thought and Action. *Science News*
- 1999 Development of Crawling and Walking. *Parents Magazine*
- 1998, 1999 The Human Body. *BBC and The Learning Channel*
- 1998 Thrills and Spills: Ensuring Infants' Safety in the Development of Walking. *Parents Magazine*
- 1996 Infants' Locomotion Over Slopes. *Pittsburgh Newspaper*
- 1991 Toddlers' Locomotion Over Slopes. *CNN Channel*

### **INVITED WORKSHOP LEADER**

*\*continuing education courses taught*

- (2022) *\*How Video Can Support Therapy*. American Hippotherapy Association.
- (2021) *Learning to Move and Moving to Learn*. NYU Work Life.
- (2020) *Twist It, Turn It, Pull It! How Children Learn the Activities of Daily Living*. Mom Crew.
- (2020) *Learning to Move and Moving to Learn*. Mom Crew.
- (2019) *\*The Power of Video to Understand, Capture, and Quantify Motor Behavior*. Academy of Pediatric Physical Therapy Annual Conference (APPTAC), Disneyland, CA
- (2019) *\*Understanding, Capturing, and Quantifying Functional Motor Behavior*. Neuro-Developmental Treatment Association, Charlotte, NC
- (2017) *Video Data Coding, Sharing, and Reuse*. Association for Psychological Science Annual Convention, Boston, MA
- (2017) *Video Coding, Sharing, and Reuse: Databrary and Datavyu*. International Convention of Psychological Science, Vienna, Austria.
- (2017) *Increasing Diversity in the Social Sciences*, NSF Workshop, Bethesda, MA
- (2016) *Video-based Communal Data Collection & Coding: Advancing the Science of Infant Learning and Development*. NICHD-OBSSR, Bethesda, MA
- (2014) *Spatial Cognition and Data Mining*. NSF Science of Learning Center, Temple University, Philadelphia, PA
- (2013) *\*Learning to Move*. Ohio's Institute for OT/PT School-Based Practice. Columbus, OH.
- (2012) *\*Effects of Practice on Motor Development; Social Influences on Motor Development; Flexibility and Variability in Motor Development; Ways of Conceptualizing Motor Development*, Pediatric Section of the American Physical Therapy Association, Orlando FL
- (2012) *Effects of Practice on Motor Development*. Department of Health and Sport Sciences, University of Verona, Italy
- (2008) *\*New Ways of Understanding Skill Acquisition in Infants and Young Children*, 6<sup>th</sup> Annual Provider Day, Dutchess and Ulster Counties' Local Early Intervention Coordinating Council and Saint Francis Hospital and Health Centers, Poughkeepsie, NY
- (2008) *\*Update in Motor Development*, Physical Therapy Continuing and Professional Education, Sponsored by the University of Illinois at Chicago
- (2008) *Babies Move and Learn*, Parent Center, Henry Street Settlement, New York, NY

**DATABRARY SPONSORED WORKSHOPS**

- (2017) Cognitive Development Society, Portland, OR
- (2017) Society for Research in Child Development Preconference, Austin, TX
- (2017) Regional workshop, University of Iowa, Iowa City, IA
- (2016) Regional workshop, Boston University, Boston, MA
- (2016) Regional workshop, Harvard University, Boston, MA
- (2016) Regional workshop, University of Minnesota, Institute of Child Development, MN
- (2016) International Congress on Infant Studies Preconference, New Orleans, LA
- (2016) NSF CIRCL Webinar to NSF Cyberlearning PIs
- (2016) Regional workshop, Pennsylvania State University, State College, PA
- (2016) Regional workshop, University of Maryland, College Park, MD
- (2015) Regional workshop, Philadelphia, PA
- (2015) Cognitive Development Society Preconference, Columbus, OH
- (2015) Regional workshop, New York, NY
- (2015) Society for Research in Child Development, Preconference, Philadelphia, PA
- (2014) International Congress of Infant Studies, Preconference, Berlin, Germany

**KEYNOTES & INVITED COLLOQUIA**

*\*continuing education courses*

- (2022) **Keynote Speaker**, Kentucky Spinal Cord Injury Research Symposium, Louisville, KY
- (2022) **Keynote Speaker**, Pediatric Neuro Recovery Summit, Louisville, KY
- (2022) John D. Wiley Seminar Series at the Waisman Center, University of Wisconsin-Madison
- (2022) **\*Keynote Speaker**, American Hippotherapy Association, Denver, CO
- (2022) **Invited Speaker**, Santa Fe Institute, Santa Fe, NM

- (2021) **Keynote Speaker**, Congress of the International Motor Development Research Consortium, Komotini, Greece [Virtual]
- (2021) Cognitive Science Series, Rotman Institute, University of Western Ontario, CA [Virtual]
- (2020) **Invited Speaker**, Federation of Associations in Behavioral and Brain Sciences [Virtual]
- (2020) Department Of Human Development, Teachers College, Columbia University, NYC [Virtual]
- (2020) Center for Brain and Cognitive Development, Birkbeck, University of London, England [Virtual]
- (2020) **Invited Speaker**, Nestlé Nutritional Institute (NNI) Workshop, Rio de Janeiro, Brazil [Virtual]
- (2020) Department of Psychology, Tulane University, New Orleans, LA
- (2020) Professional Development Session, Society for Personality and Social Psychology, New Orleans, LA
- (2020) American Physical Therapy Association Combined Sections, Denver CO.
- (2019) Helmholtz Institute, Utrecht University, Utrecht, Netherlands
- (2019) **Keynote Speaker**, European Congress in Pediatric Physiotherapy, Utrecht, Netherlands
- (2019) **Bentson Lecture** (invited public lecture), New York University, New York, NY
- (2019) **\*Keynote Speaker**, Academy of Pediatric Physical Therapy Annual Conference (APPTAC), Disneyland, CA
- (2019) Department of Psychology, University of Pittsburgh, Pittsburgh, PA
- (2019) Williamsburg Infant and Early Childhood Development Center, Brooklyn, NY
- (2019) **Invited Speaker**, Open Science Salon, Society for Research in Child Development, Baltimore, MD
- (2019) **\*Keynote Speaker**, Neuro-Developmental Treatment Association, Charlotte, NC
- (2019) Department of Neuroscience & Behavior, Rockefeller University, New York, NY
- (2019) **Keynote Speaker**, Eastern Psychological Association, New York, NY
- (2019) Division of Biokinesiology and Physical Therapy, University of Southern California, Los Angeles, CA
- (2019) James S. McDonnell Foundation, Board Meeting, St. Louis, MO
- (2019) **Keynote Speaker**, 41st Annual National Institute on the Teaching of Psychology, St. Pete Beach, FL
- (2018) **Boyd McCandless Memorial Lecture in Developmental Psychology**, Emory University, Atlanta, GA
- (2018) Department of Ecology and Evolutionary Biology, Brown University, Providence, RI
- (2018) Grand Rounds, Child Study Center, New York University, New York, NY
- (2018) Data Science Center, New York University, New York, NY
- (2018) **Plenary Speaker**, Jean Piaget Society, Amsterdam, Netherlands
- (2018) **Keynote Speaker**, Kurt Koffka Medal, University of Giesen, Germany
- (2018) CUNY Graduate Center, New York, NY
- (2018) **Keynote Speaker**, New York University Masters Conference, New York, NY
- (2018) **Invited Speaker**, Neuroscience Retreat, New York, NY
- (2018) **Invited Speaker**, International Foot and Ankle Biomechanics, New York, NY
- (2018) Boston Action Club, Northeastern University, Boston, MA
- (2017) **Invited Speaker**, MBI Workshop on Sensorimotor Control of Animals and Robots, Ohio State University, Columbus, OH
- (2017) **Invited Speaker**, Workshop on Egocentric Vision, Indiana University, Bloomington, IN
- (2017) **Invited Speaker**, International Convention of Psychological Science (ICPS), Vienna, Austria
- (2017) Center for Brain Plasticity and Recovery, Georgetown University and MedStar National Rehabilitation Hospital, Washington, DC
- (2016) Department of Psychology, SUNY New Paltz, New Paltz, NY
- (2016) **\*Keynote Speaker**, Conference to Honor Ann Gentile, Teachers College, Columbia University, New York, NY
- (2016) **\*School of Health Technology and Management**, SUNY Stonybrook, Stonybrook, NY
- (2016) **Invited Visiting Scholar**, Institute of Child Development, University of Minnesota, Minneapolis, MN
- (2016) **Presidential Address**, International Congress on Infant Studies, New Orleans, LA
- (2016) **Invited Speaker**, Department of Psychology, Carnegie Mellon University, Pittsburgh, PA
- (2016) **Invited Speaker**, Council of Graduate Departments of Psychology (COGDOP), Tucson, AZ
- (2015) Grand Rounds, New York University School of Medicine, New York, NY
- (2015) Department of Psychology, Villanova University, Philadelphia, PA
- (2015) NIH OBSSR Public Lecture Series, Bethesda, MD
- (2015) NIH OBSSR Coordinating Committee, Bethesda, MD
- (2015) NICHD Brown Bag Series, Bethesda, MD
- (2015) Department of Psychology, Gallaudet University, Washington, DC
- (2015) Department of Kinesiology, University of Michigan, Ann Arbor, MI

- (2015) Department of Psychology, Princeton University, Princeton, NJ
- (2015) Invited Speaker, Graduate Student Teaching Conference, New York University, NY
- (2015) **Keynote Speaker**, International Society for Posture and Gait Research (ISPGR), Seville, Spain
- (2015) **Keynote Speaker**, North American Society for the Society of Sport and Physical Activity (NASPSPA), Portland, OR
- (2015) **Keynote Speaker**, Gibson Memorial Lecture Series, Cornell University, Ithaca, NY
- (2015) **Invited Program**, State-of-the-art Address, Society for Research in Child Development (SRCD), Philadelphia, PA
- (2015) **Invited Faculty Participant**, McDonnell 2015 Latin American School, Chile
- (2015) Lecture to the National Science Foundation on the Databrary Project, Bethesda, MD
- (2014) **Public Lecture**, Sponsored by the Simons Foundation for Autism Research, New York, NY
- (2014) International Congress on Infant Studies Pre-conference on head-mounted eye tracking, Berlin, Germany
- (2014) Departments of Psychology, Robotics, and Computer Science, Georgia Tech, Atlanta, GA
- (2014) Center for Autism Research, Children's Hospital of Philadelphia, Philadelphia, PA
- (2014) Max Planck Institute for Human Development, Berlin, Germany
- (2014) Engineering, Neuroscience and Health Seminar Series, University of Southern California, Los Angeles, CA
- (2014) Department of Psychology, Center for Ecological Studies of Perception and Action, University of Connecticut, Storrs, CT
- (2014) **Keynote Speaker**, Center for Developmental Locomotion Sciences, Georgia State, Atlanta, GA
- (2013) Department of Psychology, Brown University, Providence, RI
- (2013) Pediatric Rehabilitation Department, Hospital for Special Surgery, New York, NY
- (2013) Department of Psychology, Hunter College, New York, NY
- (2013) **Invited Program in Presidential Symposium**, Cognitive Development Society, Memphis, TN
- (2013) **\*Keynote Speaker**, Ohio's Institute for OT/PT School-Based Practice, Columbus, OH
- (2013) Department of Psychology, University of California, Davis, CA
- (2013) **\*Keynote Speaker**, Annual Meeting of the Gait and Clinical Movement Analysis Society (GCMAS), Cincinnati, OH
- (2013) Moore/Sloan Site Visit, New York University, New York, NY
- (2013) Department of Psychology, Rutgers University, Newark, NJ
- (2013) \*Spiral Foundation, Boston, MA
- (2013) Department of Philosophy, CUNY Graduate Center, New York, NY
- (2012) Emory Cognition Project and the Center for Mind, Brain, and Culture, Remembering the Legacy of Dick Neisser at Emory University, Atlanta, GA
- (2012) **\*Keynote Speaker**, Pediatric Section of the American Physical Therapy Assoc., Orlando, FL
- (2012) **Invited Program**, New York Academy of Sciences, Workshop on Play, Attention, and Learning, New York, NY
- (2012) Department of Psychology, University of Verona, Italy
- (2012) Psychology Department, Yale University, New Haven, CT
- (2011) Department of Communicative Sciences and Disorders, New York University, New York, NY
- (2011) Center for Perceptual Systems, University of Texas at Austin, Austin, TX
- (2011) **Keynote Speaker**, Canadian Psychological Association, Developmental Section, Toronto, CA
- (2011) Department of Psychology, Tulane University, New Orleans, LA
- (2011) **\*Keynote Speaker**, American Montessori International, Long Beach, CA
- (2010) Institute on Developmental Science, New York University, New York, NY
- (2010) **Invited Program**, Max Planck Workshop on Discontinuity in Cognitive Development, Leipzig, Germany
- (2010) Workshop on Perception & Action, Rauischholzhausen Castle, Giessen, Germany
- (2010) **Invited Speaker**, Sleep and Development Workshop, Haifa, Israel
- (2010) **Invited Discussant**, International Conference on Infant Studies (ISIS), Baltimore, MD
- (2010) **Invited Program**, International Conference on Infant Studies (ISIS), Baltimore, MD
- (2010) **Keynote Speaker**, Undergraduate Research Conference, New York University, New York, NY
- (2010) **Keynote Speaker**, Scholars Lecture Series, New York University, New York, NY
- (2010) Department of Psychology, Columbia University, New York, NY
- (2010) Department of Kinesiology, Pennsylvania State University, State College, PA
- (2010) Department of Psychology, Pennsylvania State University, State College, PA

- (2010) Invited Symposium, Growth and Development, Winter Conference of the International Society of Developmental Psychobiology, Manzanilla, Mexico
- (2009) Department of Applied Psychology, New York University, New York, NY
- (2009) Cornell University Cognitive Science Symposium, Babies in the wild: The role of perception-action mechanisms in the development of adaptive skills, Ithaca, NY
- (2009) Grand Rounds, Department of Pediatric Neurology, New York University Medical Center, New York, NY
- (2009) Department of Pediatrics, Rutgers University, New Brunswick, NJ
- (2009) Cognitive Science Colloquium Series, Rensselaer Polytechnic Institute, Troy, NY
- (2008) **\*Keynote Speaker**, 2<sup>nd</sup> International Conference for Paediatric Physical Therapy, Amsterdam, Netherlands
- (2008) **Keynote Speaker**, 1<sup>st</sup> Undergraduate Research Conference, Niagra University, Niagra, NY
- (2008) Physical Therapy Department, University of Illinois at Chicago, Chicago, IL
- (2007) COSY Meeting of Minds, Paris, France
- (2007) **Keynote Speaker**, Undergraduate Research Exposition, University of Virginia, Charlottesville, VA
- (2007) Department of Psychology, University of Cincinnati, Cincinnati, OH
- (2006) Department of Psychology, East Tennessee State University, Johnson City, TN
- (2006) Center for Excellence for Child Learning and Development, East Tennessee State University, Johnson City, TN
- (2006) **Keynote Speaker**, EpiRob'06, Paris, France
- (2006) Center for Cognitive Sciences' Motor Control and Cognitive Neuroscience Summer Institute, University of Minnesota, St Paul, MN
- (2006) **Invited Program**, Carnegie Mellon University, Symposium on Embodied Cognition, Pittsburgh, PA
- (2006) Department of Psychology, University of Iowa, Iowa City, IA
- (2006) Grand Rounds, NYU Child Study Center, New York University Medical School, New York, NY
- (2006) Department of Psychology, Indiana University, Bloomington, IN
- (2005) **Invited Program**, European Science Foundation Research Conference on Brain Development and Cognition in Human Infants, Acquafredda di Maratea, Italy
- (2005) Bloom Lecture (Participant), Pennsylvania State University, State College, PA
- (2005) **\*Keynote Speaker**, III STEP Conference, Sponsored by the American Physical Therapy Association, University of Utah, Salt Lake City, UT
- (2005) Conference on New Approaches to Infant Learning and Cognition, Duke University, Durham, NC
- (2005) Department of Pediatric Neurology, New York University Medical Center, New York, NY
- (2005) Odyssey Conference, New York University, New York, NY
- (2005) Department of Psychology, Indiana University, Bloomington, IN
- (2004) Department of Psychology, University of Iowa, Iowa City, IA
- (2004) Department of Psychology, Emory University, Atlanta, GA
- (2004) Department of Psychology, University of Massachusetts, Amherst, MA
- (2004) Department of Psychology, Rutgers University, Newark, NJ
- (2004) Department of Psychology, Harvard University, Boston, MA
- (2004) Attention & Performance XXI (Participant), Winter Park, CO
- (2004) Invited Symposium, International Society for Infant Studies (ISIS), Chicago, IL
- (2003) Department of Cognitive Science, University of Rochester, Rochester, NY
- (2003) Department of Brain and Cognitive Sciences, University of Illinois, Champaign-Urbana, IL
- (2003) Department of Psychology, University of Illinois, Champaign-Urbana, IL
- (2003) Symposium to Honor Eleanor J. Gibson, Department of Psychology, Cornell University, Ithaca, NY
- (2003) Conference on Statistical Models of Vision and Action, Department of Psychology, New York University, New York, NY
- (2003) Invited Symposium, Sackler Winter Conference on Developmental Psychobiology, Jamaica
- (2003) American Psychological Society (APS), Atlanta, GA
- (2003) Department of Psychology, Lehigh University, Bethlehem, PA
- (2003) **\*National Meeting of the American Physical Therapy Association**, Tampa, FL
- (2002) Minnesota Symposium on Action and Cognition: Papers in Honor of Herb and Anne Pick, Institute for Child Development, University of Minnesota, Minneapolis, MN
- (2002) Department of Psychology, Yale University, New Haven, CT
- (2002) Department of Psychology, Michigan State University, East Lansing, MI
- (2002) Department of Psychology, University of Massachusetts, Amherst, MA

- (2001) Department of Pediatrics, Columbia University Medical School, New York, NY  
 (2001) Department of Psychology, University of Connecticut, Storrs, CT  
 (2001) Department of Kinesiology, University of Maryland, College Park, MD  
 (2001) Department of Psychology, Princeton University, Princeton, NJ  
 (2001) Department of Psychology, Columbia University, New York, NY  
 (2000) Department of Psychology, Temple University, Philadelphia, PA  
 (2000) Department of Psychology, City University of New York, Brooklyn College, Brooklyn, NY  
 (2000) Department of Psychology, Pennsylvania State University, State College, PA  
 (2000) Department of Kinesiology, Pennsylvania State University, State College, PA  
 (1999) **Boyd McCandless Award**, American Psychological Association, Boston, MA  
 (1998) **Young Investigator Award**, International Society for Infant Studies, Atlanta, GA  
 (1998) Department of Psychology, The Graduate Center of City University of New York, New York, NY  
 (1998) The New York/New Jersey Infancy Group, City University of New York, New York, NY  
 (1998) \*Conference on Motor Development, Teachers College of Columbia University, New York, NY  
 (1997) Department of Psychology, New York University, New York, NY  
 (1997) Department of Psychology, Rutgers University, Newark, NJ  
 (1997) Department of Psychology, Cornell University, Ithaca, NY  
 (1997) Department of Psychology, The New School for Social Research, New York, NY  
 (1996) Department of Psychology, Carnegie Mellon University, Pittsburgh, PA  
 (1996) Department of Pediatrics, Albert Einstein College of Medicine, New York, NY  
 (1995) Department of Psychology, University of Cincinnati, Cincinnati, OH  
 (1995) Department of Psychology, Dennison University, Granville, OH  
 (1994) \*Conference on Motor Development, Teachers College of Columbia University, New York, NY  
 (1994) Invited Paper, North American Society of Sport and Physical Activity, Sarasota, FL  
 (1994) Department of Occupational Therapy, University of Illinois at Chicago, Chicago, IL  
 (1994) Department of Psychology, University of Pittsburgh, Pittsburgh, PA  
 (1993) Department of Psychology, New York University, New York, NY  
 (1993) Department of Psychology, Carnegie Mellon University, Pittsburgh, PA  
 (1993) Department of Psychology, University of Massachusetts, Amherst, MA  
 (1993) New York/New Jersey Infancy Group, City University of New York, New York, NY  
 (1993) Department of Psychology, Adelphi University, Long Island, NY  
 (1993) Department of Psychology, Rutgers University, New Brunswick, NJ  
 (1993) Department of Pediatrics, Albert Einstein College of Medicine, New York, NY  
 (1992) Department of Psychology, Middlebury College, Middlebury, VT  
 (1992) Department of Psychology, Vassar College, Poughkeepsie, NY

### **PROFESSIONAL AFFILIATIONS**

American Psychological Association, Division 7  
 American Psychological Society  
 Cognitive Development Society  
 International Society for Developmental Psychobiology  
 International Society of Ecological Psychology  
 International Congress on Infant Studies  
 Sigma Xi Research Society  
 Society for Research in Child Development

### **PROFESSIONAL AND ACADEMIC SERVICE**

#### **Leadership Roles**

2018-current Director, PLAY Project  
 2012-current Director, Databrary Project  
 2012-2018 Past-President, President, President-Elect, International Congress of Infant Studies  
 2010-2012 Board of Directors, International Society for Developmental Psychobiology  
 2003-2019 Board of Directors, International Society for Ecological Psychology

#### **Service**

2018-current New York University Institutional Review Board, Alternate Member  
 2017-current Research Technology Faculty Advisory Board, New York University  
 2013 Technology Committee, New York University

2012 NIH audit of New York University  
 2009-2012 University Undergraduate Academic Affairs Committee, New York University  
 2009-2010 Annual audit, Office of Management and Budget, New York University  
 2009 Panelist, External review of the administrative infrastructure for research at NYU  
 2005-current Coordinator, Developmental Program, Psychology Department, New York University  
 2005 Society for Research in Child Development Academic Workshop Participant  
 2002-2005 Division 7, APA, Executive Committee, Member at Large  
 1997-1999 New York, New Jersey Infant Group, Co-Organizer

**NIH & NSF Grant Panels & Advisory Boards**

2018 (March) NIH, Vocal Fold and Motor Disorders, Special Emphasis Panel  
 2015 (Oct) NIH, Motor Function & Speech Rehabilitation, Special Emphasis Panel  
 2014 (Nov) White House Office of Science and Technology Policy (OSTP) Workshop on Neuroscience and Learning at the White House Conference Center, Interagency Working Group on Neuroscience (subcommittee of the National Science and Technology Council's Committee on Science)  
 2014 (Sept) NIH/NHLBI Roundtable Workshop on Maternal Iodine Supplementation: Clinical Trials and Assessment of Outcomes  
 2014 (March) *Spatial Cognition and Data Mining*. NSF Science of Learning Center, Temple University, Philadelphia, PA  
 2012 (July) NIH, Motor Function & Speech Rehabilitation, Special Emphasis Panel  
 2012 (March) NIH, Motor Function & Speech Rehabilitation, Cognition & Perception, Special Emphasis Panel  
 2012 (Feb) NINDS & NICHD Taskforce on Childhood Motor Disorders  
 2011 (Nov) NIH, Chairperson, Motor Function & Speech Rehabilitation, Special Emphasis Panel  
 2011 NICHD Scientific Vision Meeting  
 2010-current Advisory Board, James S. McDonnell Foundation, Understanding Human Cognition Program (Reviews grants)  
 2009-2011 NIH Study Section, Motor Function & Speech Rehabilitation, Chairperson  
 2006-2011 NIH Study Section, Motor Function & Speech Rehabilitation, permanent member  
 2005 NIH Study Section, Motor Function & Speech Rehabilitation, temporary member  
 2002, 2003 National Institute of Health, Special Emphasis Panels, ad hoc reviewer  
 2009 NINDS Cognitive Stroke Rehabilitation Workshop participant  
 2008 NICHD Strategic Planning and Advisory Team  
 2000-current National Science Foundation, ad hoc reviewer

**Conference Programs, Award Committees, Small Grants**

2012 Member, Infancy Program Panel, Society for Research in Child Development  
 2010 Chair, Infancy Program Panel, Society for Research in Child Development  
 2001, 2009 Chair, Motor & Sensorimotor Program Panel, International Society of Infant Studies  
 2007 Member, Motor & Sensorimotor Program Panel, International Society of Infant Studies  
 2003, 2008 Member, Infancy Program Panel, Society for Research in Child Development  
 2007 Cognitive Development Society Symposia Review Panel  
 2005 Scientific Program Committee, The International Congress on Motor Development & Learning in Infancy II, Murcia, Spain  
 2014 International Society of Infant Studies Awards Committee  
 2008 International Society of Infant Studies Awards Committee  
 2009 APA Dissertation Award Committee  
 2004, 2006 Boyd McCandless Young Investigator Award Committee  
 2008 New York University Women in Science Grants  
 1998 City University of New York, Faculty Development Grants  
 2000, 02, 07 Israeli Research Council, ad hoc reviewer

**Journal Editorial Boards**

2020-current Editorial Board, *Current Directions in Psychological Science*  
 2014-current Editorial Board, *Developmental Science*  
 2012-current Editorial Board, *Journal of Motor Learning and Development*  
 2009-current Editorial Board, *Developmental Psychobiology*

2004-2009 Editorial Board, *Infancy*  
2010-2013 Associate Editor, *Frontiers, Cultural Psychology*  
2008-2013 Consulting Editor, *Child Development*  
2000-2005 Associate Editor, *Ecological Psychology*

**Adhoc Reviewer**

*Accident Prevention Research; Advances in Methods & Practices in Psychological Science; American Psychologist; Archives of Pediatrics & Adolescent Medicine; Attention, Perception, & Psychophysics; Behavior & Brain Research; Behavior & Research Methods; Child Development; Child Development Perspectives; Cognition; Cognitive Development; Current Biology; Current Directions in Psychological Science; Current Perspectives in Psychology; Developmental Psychobiology; Developmental Psychology; Developmental Science; Early Development and Parenting; Early Human Development; Ecological Psychology; E-Life; European Journal of Developmental Psychology; Experimental Brain Research; Frontiers in Developmental Psychology; Gait and Posture; Human Movement Science; Infant Behavior and Development; Infancy; Infant and Child Development; International Journal of Behavioral Development; Journal of Cognition and Development; Journal of Experimental Child Psychology; Journal of Experimental Psychology: General; Journal of Experimental Psychology: Human Perception & Performance; Journal of Motor Behavior; Journal of Motor Learning & Development; Journal of Neurophysiology; Parenting: Science & Practice; Perceptual and Motor Skills; Perception & Psychophysics; PLOS-One; Physical Therapy; Prosthetics & Orthotics International; Posture & Gait; Psychological Bulletin; Psychological Review; Psychological Science; Research Quarterly for Exercise & Sport; Scientific Reports; Trends in Cognitive Sciences; Vision Research*

**Textbook Reviewer**

*Children*, McGraw-Hill Higher Education  
*A Topical Approach to Life-Span Development*, McGraw-Hill Higher Education  
*Lifespan Development*, McGraw-Hill Publishers  
*The Development of Children*, Freeman Publishers  
*Classic Readings in Developmental Psychology*, Blackwell Publishers  
*Introduction to Developmental Psychology*, Wood-Matthews Editorial Services  
*Perspectives on Infant Development*, Allan & Bacon Publishers

**Consultant**

*Pampers*, Proctor & Gamble, Geneva and Cincinnati (2005-2012, 2018)

**Doctoral Students**

Mert Kobas (current)  
Brianna Kaplan (current)  
Danyang Han (current)  
Christina Hospodar (current)  
Justine Hoch (PhD 2019)  
David Comalli (PhD 2016)  
Kari Kretch (PhD 2015)  
Whitney Cole (PhD 2013)  
John Franchak (PhD 2011)  
Kasey Soska (PhD 2010)  
Simone Gill (PhD 2009)  
Lana Karasik (with Catherine Tamis-LeMonda, PhD 2009)  
Shaziela Ishak (PhD 2009)  
Amy Joh (PhD 2006)  
Katherine Dimitropoulou (with Catherine Tamis-LeMonda, PhD 2005)  
Sarah Berger (PhD 2000)

**Masters Students**

Shreya Chowdury (2020-current)  
Christopher de Camp (MA 2019)  
Minxin Cheng (MA 2018)  
Danyang Han (MA 2018)

Robert Faludi (MA 2005)  
Carolyn Theuring (with Sarah Berger, MS 2004)  
Sharon Lobo (MA 2002)  
Frederic Fraise (MA 2001)  
Corie Prysbyski (MA 1999)

**Postdoctoral Fellows**

Justine Hoch (2019-current)  
Kelsey West (with Catherine Tamis-LeMonda, 2019-current)  
Orit Herzberg (with Catherine Tamis-LeMonda, 2017-current)  
Sandy Gonzalez (with Catherine Tamis-LeMonda, 2019-2021)  
Ori Ossmy (2017-2021)  
Jennifer Rachwani (2015-2019)  
Do Kyeong Lee (2014-2016)  
Whitney Cole (2013-2015, 2018-current as Research Scientist)  
John Franchak (with David Heeger, 2011-2013)  
Mei-Hua Lee (2011-2012)  
Ryan Arzamarski (2010-2011)  
Lana Karasik (with Marc Bornstein and Catherine Tamis-LeMonda, 2009-2011)  
Vanessa LoBou (with Maggie Shiffrar, 2009-2010)  
Sarah Berger (2001-2002)  
Ludovic Marin (2000-2001)

**Undergraduate Students (1990-present)**

Mentored Undergraduate Lab Researchers: 239  
Undergraduate Honors Theses: 38  
Publications Co-authored with Undergraduates: 50  
Undergraduate Awards and Grants: 106  
Undergraduates Receiving Awards and Grants: 59

**REFERENCES**

Susan Fitzpatrick, President, James S. McDonnell Foundation ([susan@jsmf.org](mailto:susan@jsmf.org))  
Catherine Tamis-LeMonda, Professor, Department of Applied Psychology, New York University ([ct1@nyu.edu](mailto:ct1@nyu.edu))  
Rachel Keen, Professor Emeritus, Department of Psychology, University of Virginia ([rk6x@virginia.edu](mailto:rk6x@virginia.edu))  
Jeffrey Lockman, Professor, Department of Psychology, Tulane University ([lockman@tulane.edu](mailto:lockman@tulane.edu))  
Linda Smith, Distinguished Professor and Chancellor's Professor of Psychological and Brain Sciences, Indiana University ([smith4@indiana.edu](mailto:smith4@indiana.edu))