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EDUCATION

University of Pennsylvania.

Ph.D., Psychology, December, 1985.

Johns Hopkins University.

M.A., Psychology, 1981.

University of Pennsylvania.

B.S., Occupational Therapy, 1976.

CURRENT APPOINTMENTS *all at Northwestern University*

Professor, Department of Psychology (since 1992)

Professor, School of Education and Social Policy (by courtesy, since 1993)

Faculty Fellow, Institute for Policy Research (since 2013)

Founding Director, Developmental Origins of Lifespan Learning, Well-Being, Health and Disease

Founding Member and Director, TGS Training Cluster, Innovations in Developmental Sciences: How
Early Development Shapes a Lifetime

Faculty Affiliate, Multidisciplinary Program in Education Sciences (since 2008)

PREVIOUS APPOINTMENT

Harvard University. Associate & Assistant Professor, Department of Psychology (1989-1992)

SELECTED FELLOWSHIPS, AWARDS AND HONORS

- 2018 Canadian Institute for Advanced Research (CIFAR) Program on Brain, Mind, & Consciousness – Associate Fellow
- 2016 Cognitive Science Society - Fellow
- 2011 American Academy of Arts and Sciences - Member
- 2011 American Association for the Advancement of Science - Fellow
- 2011 Louis W. Menk Chair in Psychology – Endowed Chair, Northwestern University
- 2010 Harvard University - Visiting Professor
- 2008 Ann L. Brown Award for Excellence in Developmental Research, University of IL
- 2007 James McKeen Cattell Award. American Psychological Society
- 2007 Guggenheim Fellowship. John Simon Guggenheim Memorial Foundation
- 2004 Ecole Normale Supérieure, Paris -Visiting Professor
- 1998 Centre for Cognitive Science, Lyon France - Visiting Professor

SELECTED ADVISORY ROLES

- 2018 International Congress of Infant Studies, Board Member-at-Large (2018-2024).
- 2016 Northwestern University Provost's Advisory Council on Women Faculty
- 2014 NIH Health Resources and Services Administration's (HRSA) "Bridging the Word Gap Research Network Project", Advisory Board Member (ongoing).
- 2014 Office of Head Start's Birth to Five Early Learning Outcomes Framework. External Reviewer
- 2009 California Dept of Education, Preschool Learning Foundations Research Consortium and Expanded Research Consortium (Sponsored by West Ed).

JOURNAL EDITORSHIPS AND OTHER REVIEWING

Annual Review of Developmental Science, Co-editor (2018-present); Cognitive Psychology, Associate Editor (2005-present); Frontiers in Language Sciences, Founding Review Editor; Psychological Review, Consulting Editor (2016-present), Society for Research in Child Development Social Policy Report, Editorial Board Member (2017-present).

External reviewer at National Institutes of Health; National Science Foundation; Social Sciences and Humanities Research Council of Canada

College of Reviewers. NSF. Developmental and Learning Sciences (DLS) 2016-present

SELECTED RESEARCH FUNDING

- 2018-2021 National Institutes of Health (1F32HD095580-01), “Infant attention in the context of language” (PI; Fellowship for postdoc Miriam Novack: \$178,866)
- 2017-2020 National Institutes of Health (3R01HD083310-03S1), Supplement to “Linking language and cognition in infancy: Entry points” (PI; \$579,434)
- 2015-2020 National Institutes of Health (5R01HD083310), “Linking language and cognition in infancy: Entry points” (PI; \$2,228,028)

Collaborations

- 2018-2023 The When to Worry about Language Study (W2W-L): Joint consideration of developmental patterning and neural substrates for enhancing early identification of language impairment (Co-Investigator: PIs E. Norton, L. Wakschlag; \$2,498,151)
- 2018-2019 Northwestern DevSci Pilot Research Initiatives, “Maternal malnutrition and implications for human milk lipids and preterm infant growth and development through early childhood” (Contributor; PI Daniel Robinson).
- 2016-2019 ECHO PRO Research Resource: “A Developmentally-based Measurement Science Framework for Assessing Environmental Exposure and Child Health” (Co-PI; PI Richard Gershon; \$1,094,177)

Prior funding

- 2012-2015 National Institutes of Health (R03HD067485), “Toddlers’ Initial Representation of Verbs: Effects of Delay and Sleep on Verb Meaning” (PI; \$163,414)
- 2011-2014 National Science Foundation (DRL 1109210), “Collaborative Research: Cultural Epistemologies and Science Related Practices: Living and Learning in Relationships” (CoPI w/ D. Medin, M. Bang, K. Washinawatok; \$577,184)
- 2010-2013 National Science Foundation (BCS 1023300), “Early Word Learning in English- and Mandarin-Acquiring Infants” (PI; \$495,685)
- 2010-2013 National Science Foundation (BCS 0950376), “How Words and Sounds Influence Category Formation in Infants” (PI; \$389,594)

PUBLICATIONS

- Bang, M., Alfonso, J., Faber, L., Marin, A., Marin, M., Medin, D., Waxman, S., & Woodring, J. (in press). Perspective taking in early childhood books: Implications for early science learning. *Cultural Studies of Science Education*.
- Perszyk, D. & Waxman, S.R. (2019). Infants' advances in speech perception shape their earliest links between language and cognition. *Scientific Reports*, 9:3293. doi:10.1038/s41598-019-39511-9
- de Carvalho, A., Babinea, M., Trueswell, J., Waxman, S.,R., & Christophe, A. (2019). Studying the real-time interpretation of novel noun and verb meanings in young children. *Frontiers in Psychology*, doi:10.3389/fpsyg.2019.00274
- LaTourrette, A. & Waxman, S.R. (2019). Defining the role of language in infants' object categorization with eye-tracking paradigms. *Journal of Visualized Experiments*, (144), e59291, doi:10.3791/59291
- Perszyk, D., Lei, R.F., Bodenhausen, G.V., Richeson, J., & Waxman, S.R. (2019). Bias at the intersection of race and gender: Evidence from preschool-aged children. *Developmental Science*. Advance online publication. doi.org/10.1111/desc.12788
- LaTourrette, A. & Waxman, S. (2019). A little labeling goes a long way: Semi-supervised learning in infancy. *Developmental Science*, 22(1).
- Taverna, A., Medin, D.L., & Waxman, S.R. (2018). "Inhabitants of the earth": Reasoning about folkbiological concepts in Wichi children and adults. In Marshall, P.J., & Brenneman, K. (Eds.) *Young Children's Developing Understanding of the Biological World*, (pp. 7-27). Abingdon, England: Routledge.
- Lovato, S., & Waxman, S.R. (2018). Young children learning from touch screens: Taking a wider view. In J. Tarasuik, G. Strouse & J. Kaufman (Eds) *Touch screen tablets touching children's lives* (pp. 231-240). Lausanne, Switzerland: Frontiers Media.
- Perszyk, D.R., & Waxman, S.R. (2018). Linking Language and Cognition in Infancy. *Annual Review of Psychology*, 69, 231-250.
- Ferguson, B., Franconeri, S., & Waxman, S. (2018). Very young infants learn abstract rules in the visual modality. *PLoS ONE*, 13(1): e019018. doi: 10.1371/journal.pone.0190185.
- Washinawatok, K., Rasmussen, C., Bang, M., Medin, D., Woodring, J., Waxman, S., Marin, A., Gurneau, J., & Faber, L. (2017). Children's Play with a Forest Diorama as a Window into Ecological Cognition. *Journal of Cognition and Development*, 18(5), 617-632.
- Ferguson, B., Graf, E., & Waxman, S.R. (2017). When veps cry: Two-year-olds efficiently learn novel words from linguistic contexts alone. *Language Learning and Development*. Published online doi: 10.1080/15475441.2017.1311260
- Perszyk, D. R. & Waxman, S. R. (2017). Experience is instrumental in tuning a link between language and cognition: Evidence from 6- to 7-month-old infants' object categorization. *Journal of Visualized Experiments* (122), e55435, doi:10.3791/55435.
- Frank, M., Bergelson, E., Bergmann, C. [and 15 others, including Waxman, S.] (2017). A collaborative approach to infant research: Promoting reproducibility, best practices, and theory-building. *Infancy*. Advance online publication. doi: 10.1111/inf.12182.
- Waxman, S., Herrmann, P., Woodring, J., & Medin, D. (2016). Humans (really) are animals: Picture-book reading influences five-year-old urban children's construal of the relation between humans and non-human animals. In J. S. Horst & C. Houston-Price (Eds). *An open book: What and how*

- young children learn from picture and story books*. Lausanne, Switzerland: Frontiers Media. doi: 10.3389/978-2-88919-728-6.
- Perszyk, D., Ferguson B., & Waxman, S. (2016). Maturation constrains the effect of exposure in linking language and thought: Evidence from healthy preterm infants. *Developmental Science*. Advance online publication. doi: 10.1111/desc.12522. Published in print March 2018 (21, 2).
- Ferguson, B., & Waxman, S. (2016). Linking language and categorization in infancy. *Journal of Child Language*, online. doi: 10.1017/S0305000916000568
- Havy, M., & Waxman, S.R. (2016). Naming influences 9-month-olds' identification of discrete categories along a perceptual continuum. *Cognition*, 156, 41- 51. doi:10.1016/j.cognition.2016.07.011
- Lovato, S., & Waxman, S.R. (2016). Young children learning from touch screens: Taking a wider view. *Frontiers in Psychology*. doi:10.3389/fpsyg.2016.01078.
- Perszyk, D., & Waxman, S.R. (2016). Listening to the calls of the wild: The role of experience in linking language and cognition in young infants. *Cognition*, 153, 175-181. doi:10.1016/j.cognition.2016.05.004.
- Taverna, A., Medin, D.L., & Waxman, S.R. (2016). "Inhabitants of the earth": Reasoning about folkbiological concepts in Wichi children and adults. *Early Education and Development*. doi: 10.1080/10409289.2016.1168228.
- Waxman, S.R., Fu, X., Ferguson, B., Geraghty, K., Leddon, E., Liang, J., Zhao, M. (2016). How early is infants' attention to objects and actions shaped by culture? New evidence from 24-month-olds raised in the US and China. *Frontiers in Psychology: Cultural Psychology*. doi: 10.3389/fpsyg.2016.00097.
- Ferguson, B. & Waxman, S.R. (2016). What the [beep]? Six-month-olds link novel communicative signals to meaning. *Cognition*, 146, 185-189.
- Ferguson, B. & Waxman, S. R. (2015). Visual abstract rule learning by 3- and 4-month-old infants. In Noelle, D. C., Dale, R., Warlaumont, A. S., Yoshimi, J., Matlock, T., Jennings, C. D., & Maglio, P. P. (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society. Retrieved from URL: <http://mindmodeling.org/cogsci2015/papers/0127/paper0127.pdf>
- Ferguson, B., Havy, M., & Waxman, S. R. (2015). The precision of 12-month-old infants' link between language and categorization predicts vocabulary size at 12 and 18 months. *Frontiers in Psychology*, 6:1319.
- Medin, D., ojalahto, b., Waxman, S., & Bang, M. (2015). Relations: Language, epistemologies, categories and concepts. In E. Margolis & S. Laurence (Eds.), *The Conceptual Mind: New Directions in the Study of Concepts* (pp. 349-378). Cambridge: MIT Press.
- Waxman, S. R. (2015). Abandoning the 'theoretical apartheid' between nature and nurture: human infants hold the key. *Social Anthropology*, 23(2), 213-215.
- Syrett, K., Arunachalam, S., & Waxman, S. R. (2014). Slowly but surely: Adverbs support verb learning in 2-year-olds. *Language Learning and Development*, 10(3), 263-278.
- Arunachalam, S., & Waxman, S. R. (2014). Let's see a boy and a balloon: Argument labels and syntactic frame in verb learning. *Language Acquisition*, 22(2), 117-131.
- Ferguson, B., Perszyk, D. R., & Waxman, S. R. (2014). Very young infants' responses to human and non-human primates' vocalizations. Commentary on Ackermann, Hage, & Ziegler. *Behavioral and Brain Sciences*, 37, 553-554.

- Ferguson, B. & Waxman, S. R. (2014). Communication and categorization: New insights into the relation between speech, labels, and concepts for infants. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society*(pp. 2267-2272). Austin, TX: Cognitive Science Society,
- Vouloumanos, A., & Waxman, S. R. (2014). Listen up! Speech is for thinking during infancy. *Trends in Cognitive Sciences, 18*(12), 642-646.
- Geraghty, K., Waxman, S. R., & Gelman, S. (2014). Learning words from pictures: 15- and 17-month-old infants appreciate the referential and symbolic links among words, pictures, and objects. *Cognitive Development, 32*, 1-11.
- Taverna, A. S., Waxman, S. R. Medin, D. L., Moscoloni, N. & Peralta, O. A. (2014). Naming the living things: linguistic, experiential and cultural factors in Wichí and Spanish speaking children. *Journal of Culture and Cognition, 14*, 213-233.
- Ferguson, B., Graf, E., & Waxman, S. R. (2014). Infants use known verbs to learn novel nouns: Evidence from 15- and 19-month-olds. *Cognition, 131*(1), 139-146.
- Waxman, S., Herrmann, P., Woodring, J., & Medin, D. (2014). Humans (really) are animals: Picture-book reading influences five-year-old urban children's construal of the relation between humans and non-human animals. *Frontiers in Developmental Psychology, 5*,(172). doi: 10.3389/fpsyg.2014.00172
- ojalehto, b., Waxman, S. R. & Medin, D. L. (2013). Teleological reasoning about nature: Intentional design or relational perspectives? *Trends in Cognitive Sciences. 17*(4), 166-171.
- Ferry, A., Hespos, S., & Waxman, S. (2013). Non-human primate vocalizations support categorization in very young human infants. *PNAS, 110*(38), 15231–15235.
- Dehghani, M., Bang, M., Medin, D.L., Marin, A., Leddon, E., & Waxman, S. (2013). Epistemologies in the text of children's books: Native and non-Native authored books. *International Journal of Science Education, 35*(13), 2133-2151.
- Arunachalam, S. Leddon, E., Song, H., Lee, Y., & Waxman, S. R. (2013). Doing more with less: Verb learning in Korean-acquiring 24-month-olds. *Language Acquisition: A Journal of Developmental Linguistics, 20*(4), 292-304.
- Waxman, S. Fu, X., Arunachalam, S. Leddon, E., Geraghty, K., & Song, H. (2013). Are nouns learned before verbs? Infants provide insight into a long-standing debate. *Child Development Perspectives, 7*(3), 155-159.
- Callanan, M. & Waxman, S. R. (2013). Commentary on special section. Deficit or difference? Interpreting diverse developmental paths. *Developmental Psychology, 49*(1), 80-83.
- Waxman, S. R. (2013). Building a better bridge. In M. Banaji & S. Gelman (Eds.), *Navigating the social world: What infants, children, and other species can teach us*. Cambridge: Oxford University Press.
- Arunachalam, S., Escovar, E., Hansen, M.A., & Waxman, S. R. (2013): Out of sight, but not out of mind: 21-month-olds use syntactic information to learn verbs even in the absence of a corresponding event, *Language and Cognitive Processes, 28*(4), 417-425.
- Chen, M. L., & Waxman, S. R. (2013). "Shall we blick?": Novel words highlight actors' underlying intentions for 14-month-old infants. *Developmental Psychology, 49*(3), 426-431.
- Waxman, S. R. (2012). Social categories are shaped by social experience. *Trends in Cognitive Sciences, 16*(11), 531–532.

- Waxman, S. R. & Grace, A. D. (2012). Developing gender- and race-based categories in infants: Evidence from 7- and 11-month-olds. In G. Hayes & M. Bryant (Eds.), *Psychology of culture. In Psychology of emotions, motivations and actions: Focus on civilizations and cultures series*. Hauppauge, NY: Nova Science Publishers.
- Leddon, E., Waxman, S. R., Medin, D. L., Bang, M. & Washinawatok, K. (2012). One animal among many? Children's understanding of the relation between humans and nonhuman animals. In G. Hayes & M. Bryant (Eds.), *Psychology of Culture. In Psychology of emotions, motivations and actions: Focus on civilizations and cultures series*. Hauppauge, NY: Nova Science Publishers.
- Waxman, S. R., & Goswami, U. (2012). Learning about language: Acquiring the spoken and written word. In S. Pauen (Ed.) *Early childhood development and later outcome*. New York: Cambridge University Press. pp 83-117.
- Taverna, A., Waxman, S., Medin, D., & Peralta, O. (2012). Core-folkbiological concepts: New evidence from Wichí children and adults. *Journal of Cognition and Culture*, 12(3-4) 339–358.
- Unsworth, S. J., Levin, W., Bang, M., Washinawatok, K., Waxman, S. R., & Medin, D. L. (2012). Cultural differences in children's ecological reasoning and psychological closeness to nature: Evidence from Menominee and European-American children. *Journal of Cognition and Culture*, 12(1-2), 17-29.
- Graham, S. A., Booth, A., & Waxman, S. R. (2012). Words are not merely features: Only consistently applied nouns guide 4-year-olds' inferences about object categories. *Language Learning and Development*, 8, 1-11.
- Herrmann, P., Medin, D. L., & Waxman, S. R. (2012). When humans become animals: Development of the animal category in early childhood. *Cognition*, 122(1), 74-79.
- Shenton, J., Ross, N., Kohut, M. & Waxman, S. (2011). Maya folk botany and knowledge devolution: Modernization and intra-community variability in the acquisition of folkbotanical knowledge, *Ethos*, 39(3), 349-367.
- Arunachalam, S., Escovar, E., Hansen, M. A., & Waxman, S. R. (2011). Verb learning from syntax alone at 21 months. In: N. Danis, K. Mesh, & H. Sung (Eds.), *Proceedings of the 35th Annual Boston University Conference on Language Development* (pp. 21-24).
- Waxman, S., & Leddon, E. (2011). Early word learning and conceptual development: Everything had a name, and each name gave birth to a new thought. In U. Goswami (Ed.) *The Wiley-Blackwell handbook of childhood cognitive development* (pp. 180-208). Malden, MA: Wiley-Blackwell.
- Arunachalam, S., & Waxman, S. (2011). Grammatical form and semantic context in verb learning. *Language Learning and Development*, 7(3), 169-184.
- Leddon, E. M., Waxman, S. R., Medin, D. L. (2011). What does it mean to 'live' and 'die'? A cross-linguistic analysis of parent-child conversations in English and Indonesian. *British Journal of Developmental Psychology*, 29(3), 375-395.
- Leddon, E. M., Arunachalam, S., Waxman, S. R., Fu, X., Gong, H., & Wang, L. (2011). Noun- and verb-learning in Mandarin-acquiring 24-month-olds. In N. Danis, K. Mesh, & H. Sung (Eds.), *Proceedings of the 35th Annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press.
- Medin, D., Waxman S., et al., (2010). Diversity in the social, behavioral and economic science. White paper for the Directorate for the Social, Behavioral, and Economic Sciences of the National Science Foundation (NSF/SBE). http://www.nsf.gov/sbe/sbe_2020/index.cf

- Fennell, C. & Waxman, S. R. (2010). What paradox? Referential cues allow for infant use of phonetic detail in word learning. *Child Development, 81*(5), 1376–1383.
- Weisleder, A. & Waxman, S. R. (2010). What's in the input? Frequent frames in child-directed speech offer distributional cues to grammatical categories in Spanish and English. *Journal of Child Language, 37*, 1089–1108.
- Arunachalam, S., & Waxman, S. R. (2010). Specifying the role of linguistic information in verb learning. In: K. Franich, K. Iserman, & L. Keil (Eds.), *Proceedings of the 34th Annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press.
- Arunachalam, S., & Waxman, S. R. (2010). Language and conceptual development. Wiley Interdisciplinary Reviews: *WIRE's Cognitive Science, 1*(4), 548-558.
- Medin, D., Waxman, S., Woodring, J., & Washinawatok, K. (2010). Human-centeredness is not a universal feature of young children's reasoning: Culture and experience matter when reasoning about biological entities. *Cognitive Development, 25*(3), 197-207.
- Arunachalam, S., & Waxman, S. R. (2010). Meaning from syntax: Evidence from 2-year-olds. *Cognition, 114*(3), 442-446.
- Waxman, S. (2010). Names will never hurt me? Naming and the development of racial and gender categories in preschool-aged children. *European Journal of Social Psychology, 40*(4), 593-610.
- Anggoro, F., Medin, D., & Waxman, S. (2010). Language and Experience Influence Children's Biological Induction. *Journal of Cognition and Culture, 10*, 171-187.
- Winkler-Rhoades, N., Medin, D. L., Waxman, S. R., & Woodring, J., Ross, N. O. (2010). Naming the animals that come to mind: Effects of culture and experience on category fluency. *Journal of Cognition and Culture, 10*, 205-220.
- Ferry, A., Hespos, S., & Waxman, S. (2010). Categorization in 3- and 4-month-old infants: An advantage of words over tones. *Child Development, 81*(2), 472-479.
- Herrmann, P., Waxman, S. R., & Medin, D. L. (2010). Anthropocentrism is not the first step in children's reasoning about the natural world. *Proceedings of the National Academy of Sciences, 107*(22), 9979-9984.
- Waxman S. R. & Gelman, S. A. (2010). Different kinds of concepts and different kinds of words: What words do for human cognition. In Mareschal, Quinn & Lea (Eds.) *The making of human concepts*. Oxford, UK: Oxford University Press.
- Waxman, S. R., (2009). Learning from infants' first verbs. *Monographs of the Society for Research in Child Development, Comment on Naigles et al. 74*(2), 127-132.
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- Waxman, S. R., Lidz, J., Braun, I. E., Lavin, T. (2009) Twenty-four-month-old infants' interpretations of novel verbs and nouns in dynamic scenes. *Cognitive Psychology, 59*(1), 67-95.
- Waxman, S. R., & Guasti, M. T. (2009). Nouns, adjectives and the acquisition of meaning: New evidence from Italian-acquiring children. *Language Learning and Development, 5*(1), 50-68.
- Waxman, S.R., Gelman, S.A. (2009). Early word-learning entails reference, not merely associations. *Trends in Cognitive Sciences, 13*(6), 258-263.
- Booth, A.E., & Waxman, S. R. (2009). A Horse of a Different Color: Specifying with Precision Infants' Mappings of Novel Nouns and Adjectives. *Child Development, 80*(1), 15-22.

- Leddon, E. M., Waxman, S. R. & Medin, D. L. (2008) Unmasking “alive:” Children’s appreciation of a concept linking all living things. *Journal of Cognition and Development*, 9(4), 461-473.
- Norbury, H. M., Waxman, S. R., & Song H. (2008). *Tight and loose* are not created equal: An asymmetry underlying the representation of *fit* in English and Korean speakers. *Cognition*, 109, 316-325.
- Gelman, S., Waxman, S., Kleinberg, F. (2008). The role of representational status and item complexity in parent-child conversations about pictures and objects. *Cognitive Development*, 23, 313-323.
- Anggoro, F. K., Waxman, S. R., & Medin, D.L. (2008). Naming practices and the acquisition of key biological concepts: Evidence from English and Indonesian. *Psychological Science*, 19(4), 314-319.
- Booth, A. E., & Waxman, S. R. (2008). Taking stock as theories take shape. *Developmental Science*, 11(2), 185-194.
- Waxman, S. R. (2008). All in good time: How do infants discover distinct types of words and map them to distinct kinds of meaning? in J. Colombo, P. McCardle & L. Freund (Eds.), *Infant pathways to language: Methods, models, and research directions*. (pp. 99-118). Mahwah, NJ: Lawrence Erlbaum Associates.
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- Piccin, T. B. ,& Waxman, S. R. (2007). Why nouns trump verbs in word learning: new evidence from children and adults in the Human Simulation Paradigm. *Language Learning and Development*, 3(4), 295-323.
- Fulkerson, A. L., & Waxman, S. R. (2007). Words (but not tones) facilitate object categorization: Evidence from 6- and 12-month-olds. *Cognition*, 105(1), 218-228.
- Medin, D.L., & Waxman, S. R. (2007). Interpreting asymmetries of projection in children's inductive reasoning. In A. Feeney & E. Heit (Eds.), *Inductive reasoning*. New York, NY : Cambridge University Press.
- Fennell, C. T., Waxman, S. R., Weisleder, A. (2007). With referential cues, infants successfully use phonetic detail in word learning. *Proceedings of the 31st Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press.
- Waxman, S. R., Medin, D. L., & Ross, N. (2007). Folkbiological reasoning from a cross-cultural developmental perspective: Early essentialist notions are shaped by cultural beliefs. *Developmental Psychology*, 43(2), 294-308.
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- Booth, A. E., & Waxman, S. R., (2006) *Deja vu* all over again: Re-re-visiting the conceptual status of early word learning: Comment on Smith and Samuelson (2006). *Developmental Psychology*, 42(6), 1344-1346.
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MANUSCRIPTS CURRENTLY UNDER REVIEW OR IN PREPARATION

- Syrett, K., LaTourrette, A., Ferguson, B., & Waxman, S.R. (under review). Crying helps, but being sad doesn't: Infants constrain nominal reference using known verbs, not known adjectives. *Cognition*.
- Taverna, A. & Waxman, S.R. (under review). The 'noun-advantage' revisited: New evidence from Wichi acquisition. *Journal of Child Language*.
- Baiocchi, M.C., Taverna, A., & Waxman, S. (under review). Social relations, and not taxonomic relations, serve as a conceptual framework for Wichi organization of the animal domain. *Cognitive Development*.
- Taverna, A.S., Waxman, S.R., & Medin, D.L. (in preparation). Cross-cultural approaches to cognition and development. *Infancia y Aprendizaje. Journal for the Study of Education and Development*.
- Taverna, A.S., Waxman, S.R., & Nercesian, V. (under review). Lexical acquisition in Wichi children: New evidence from an indigenous Amerindian community. *Journal of Child Language*.
- Lidz, JL, Bunker, A, Leddon, E, Baier, R & Waxman, SR (under review). When one cue is better than two: Lexical vs. Syntactic Cues to Verb Learning. *Language Learning and Development*
- Piccin, T., & Waxman, S.R. (under review). Children Use Contrast and Cross-Situational Exposure to Learn Verbs *Child Development*.
- Ross, N., Kohut, M., Shenton, J., Hertzog, W., Medin, D., & Waxman, S. (under revision). Culture, Core Knowledge and Ontological Change: Tzotzil Maya children's understanding of alive and LIVING KIND. *Ethos* (submitted April, 2014).

REFEREED PRESENTATIONS

- LaTourrette, A. & Waxman, S. (2019, March). *Object kinds interfere with extending novel adjectives: Evidence from young children and adults*. Poster to be presented at 21st Biennial Meeting of the Society for Research on Child Development, Baltimore, MD.
- LaTourrette, A. & Waxman, S. (2018, November). *The power of a name: Labeling changes infants' memory for individual objects*. Talk presented at the 43rd Boston University Conference on Language Development, Boston, MA.

- He, A.X., Waxman, S.R., Arunachalam, S. (2018, November). *Sleep consolidates syntactically-derived verb meanings in 2-year-olds*. Talk presented at 43rd Annual Boston University Conference on Language Development, Boston, MA.
- Kristen Syrett, K., LaTourrette, A., Ferguson, B., Waxman, S.R. (2018, November). *Crying helps, but being sad doesn't: Verbs, but not adjectives, constrain referent selection for novel nouns through age three*. Talk presented at 43rd Annual Boston University Conference on Language Development, Boston, MA.
- Perszyk, D., Waxman, S.R. (2018, November). *A language-specific processing system supports infants' language-cognition link*. Poster presented at 43rd Annual Boston University Conference on Language Development, Boston, MA.
- Novack, M.A., Brentari, D, Goldin-Meadow, S., & Waxman, S. (2018, July). *Where should I look? How hearing infants allocate their Visual Attention when Speakers, Signers, and Gesturers communicate with their hands*. Talk presented at the 21st Congress of Infant Studies, Philadelphia, PA.
- LaTourrette, A. & Waxman, S. (2018, July). *Naming changes infants' memory for individual objects*. Poster presented at the 21st Meeting of the International Congress of Infant Studies, Philadelphia, PA.
- LaTourrette, A. & Waxman, S. (2018, July). *Naming enhances subsequent learning: Semi-supervised learning in infancy*. Poster presented at the 21st Meeting of the International Congress of Infant Studies, Philadelphia, PA.
- LaTourrette, A. & Waxman, S. (2018, July). *Semi-supervised learning in human infants*. Talk presented at 2018 edition of Science and Society Olivier Legrain Conference: Language Learning in Humans and Machines, Paris, France.
- LaTourrette, A. & Waxman, S. (2018, July). *Semi-supervised learning in infancy: Infants integrate labeled and unlabeled exemplars to learn new categories*. Poster presented at 40th Annual Meeting of the Cognitive Science Society, Madison, WI.
- Blanco, C.P., & Waxman, S.R. (2017, December). *Speech recognition and word learning in 24-month-olds: The roles of non-native speech and familiar words*. Poster presented at the 174th Meeting of the Acoustical Society of America, New Orleans, LA.
- LaTourrette, Alexander & Waxman, Sandra. (2017, November). *A little labeling goes a long way: Semi-supervised learning in infancy*. Talk presented at 42nd Annual Boston University Conference on Language Development, Boston, MA.
- Perszyk, D., Voss, J., & Waxman, S. (2017, November). *Neural correlates underlying the link between language and cognition in preverbal infants*. Poster presented at the International Society for Developmental Psychobiology. Washington D.C.
- Blanco, C.P., & Waxman, S.R. (2017, October). *Learning new words from familiar ones: Can two-year-olds use linguistic context to learn from accented speech?* Poster presented at Cognitive Development Society, Portland, OR.
- Perszyk, D., Voss, J., & Waxman, S. (2017, October). *Neural correlates underlying the link between language and cognition in preverbal infants*. Poster presented at the Cognitive Development Society. Portland, Oregon.
- Novack, M.A., Brentari, D, Goldin-Meadow, S., & Waxman, S. (2017, October). *Sign Language, but not Pointing and Eye-Gaze Alone, Supports Infant Object Categorization*. Poster presented at the Cognitive Development Society Conference, Portland, OR.

- Blanco, C.P., & Waxman, S.R. (2017, September). *The long road to really knowing a word: What word learning can tell us about the acquisition of sounds*. Workshop on Word Learning and Its Relation to Linguistic Theory. Department of Linguistics, Rutgers University. September 30.
- Perszyk, D., Voss, J., & Waxman, S. (2017, May). *Neural correlates underlying the link between language and cognition in preverbal infants*. Poster presented at the Workshop on Infant Language Development. Bilbao, Spain.
- LaTourrette, Alexander & Waxman, Sandra. (2017, April). *Naming Isn't 'all or nothing': Even infrequent naming supports object categorization in 28-month-old children*. Poster session presented at 20th Biennial Meeting of the Society for Research on Child Development, Austin, TX.
- Perszyk, D., Lei, R., Bodenhausen, G., Richeson, J., & Waxman, S. (2017, April). *Implicit racial biases in preschool aged children: Evidence from the Affective Misattribution Procedure*. Poster presented at the Society for Research on Child Development Conference. Austin, TX.
- LaTourrette, A & Waxman, S. (2016, November). *The Blickish Blob: Object Categories Impair Adjective Learning*. Talk presented at 41st Annual Boston University Conference on Language Development, Boston, MA.
- Waxman, S.R. (2016, June). Invited Workshop speaker: *Cross-cultural and developmental perspectives on the evolution of human behaviour & cognition*, Human Behaviour and Evolution Society. Vancouver, BC.
- Waxman, S.R. (2016, May). Invited speaker: *Global Issues in Development : Thinking about nature: Across cultures, across languages and across development*. International Conference on Infant Studies, New Orleans, LA.
- LaTourrette, A & Waxman, (2016, May). *The Power of a Name: Novel Nouns Promote Categorization of Novel Stimuli*. Poster presented at 20th Biennial Meeting of the International Conference on Infant Studies, New Orleans, LA.
- Perszyk, D. & Waxman, S. (2016, May). *The breadth of signals that infants link to meaning*. Poster presented at the International Conference on Infant Studies. New Orleans, LA.
- Perszyk, D. & Waxman, S. (2015, March). *Surprisingly early links between language and cognition in preverbal infants: Establishing the boundary conditions: Evidence from healthy preterm infants*. Symposium talk presented at the Society for Research on Child Development. Philadelphia, PA.
- Ferguson, B., & Waxman, S. R. (2015, March). *When veps cry: Two-year-olds efficiently learn words from ambient language*. Paper presented at the 2015 Biennial Meeting of the Society for Research in Child Development, Philadelphia, PA, USA.
- Perszyk, D. & Waxman, S. (2014, November). *Maturational constraints on the effects of experience in linking language and core conceptual processes: Evidence from healthy preterm infants*. Talk presented at the Boston University Conference on Language Development. Boston, MA.
- Perszyk, D. & Waxman, S. (2014, July). *The role of experience in linking sounds and concepts in language acquisition*. Poster presented at the International Conference on Infant Studies. Berlin, MA.
- Geraghty, K., Ferguson, B., Fu, X. & Waxman, S.R. (2014, July). *When less is more: Evidence from Mandarin-acquiring infants' acquisition of transitive verbs*. Paper presented at the International Association for Studies in Child Language, Amsterdam.
- Ferguson, B., & Waxman, S. R. (2014, July). *Can non-human agents' communicative signals facilitate 6-month-olds' object categorization?* Poster presented at the Rovereto Workshop on Cognition and Evolution, Rovereto, Italy.

- Ferguson, B., & Waxman, S. R. (2014, July). *Meaning in context: How do infants use known verbs to learn novel nouns?* Poster presented at the XIX Biennial International Conference on Infant Studies, Berlin, Germany.
- Chang, Y., Ferry, A., Hendrix, N., Hespos, S. (2013, April). *Brief exposure to non-native language interactions influences object categorization during the first year of life.* Poster presented at the Society for Research in Child Development Biennial Conference, Seattle, WA.
- Fennel, C. & Waxman, S. (2013, April). *Exposure to multiple object exemplars aids infants' use of phonetic detail in word learning.* Poster presented at Society for Research in Child Development Biennial Conference, Seattle, WA.
- Waxman, S.R., Herrmann, P., & Medin, D.L. (2013, April). *When are humans animals? Influences of development, media, and cultural construals.* Talk presented at the Society for Research in Child Development Biennial Conference, Seattle, WA.
- Sheline, L., Waxman, S., Arunachalam, S. (2013, April). *Understanding conjoined-subject intransitives: Two-year-olds perform like adults.* Poster presented at the Society for Research in Child Development Biennial Conference, Seattle, WA.
- Syrett, K., Arunachalam, S., Waxman, S. (2013, April). *Manner adverbials can provide informational support for verb learning.* Talk presented at the Society for Research in Child Development Biennial Conference, Seattle, WA.
- Taverna, A., & Waxman, S. (2013, April). *Cultural and linguistic factors in concept acquisition: Evidence from Wichi folkbiology.* Talk presented at the Society for Research in Child Development Biennial Conference, Seattle, WA.
- Graf, E., Ferguson, B., & Waxman, S.R. (2013, April). *Known verbs facilitate novel noun reference resolution in 20-month-olds.* Talk presented at the Society for Research in Child Development Biennial Conference, Seattle, WA.
- Graf, E., Ferguson, B., & Waxman, S.R. (2013, January). *19-month-olds recruit known verbs to assign meaning to novel nouns.* Poster presented at the Budapest CEU Conference on Cognitive Development, Budapest, Hungary.
- Hendrix, N., Ferry, A., Hespos, S. & Waxman, S. (2012). *Brief exposure to non-native language interactions influences object categorization during first year of life.* Poster presented at the International Conference on Infant Studies, Minneapolis, MN.
- Arunachalam, S., Leddon, E., Song, H., Fu, X., Gong, H., Lee, Y., Wang, Y., and Waxman, S. R. (2012, May). *A cross-linguistic study of verb learning: Evidence from Mandarin and Korean.* Poster presented at the Association for Psychological Science Annual Convention, Chicago, IL.
- Herrmann, P., Medin, D., Waxman, S. (2012, March). *Development of the animal category in early childhood: The place of humans.* Poster presented at the 2012 Association for Psychological Science Annual Convention. Chicago, IL.
- Herrmann, P., Medin, D., Waxman, S. (2011, October). *When humans become animals: Development of the animal category in early childhood.* Poster presented at the 2011 Cognitive Development Society Conference, Philadelphia, PA.
- Geraghty, Kathleen., Waxman, Sandra.R., and Gelman, Susan A. (2011, June). *Infants map words and pictures to abstract kind representations, not just to featural similarity.* Symposium, Jean Piaget Society Annual Meeting. Berkeley, CA.

- Ferry, A., Hespos, S., & Waxman, S. (2011, April). *Experience-based tuning in the sounds that facilitate object categorization in the first year of life*. Talk presented at the 2011 Society for Research in Child Development Conference, Montreal, Canada.
- Kalkat, Pranee, Geraghty, Kathleen., Chen, Marian L., Waxman, Sandra R. (2011, March). *Toddlers benefit from cross-modal information to learn new verbs*. SRCDC Biennial Meeting. Montreal, Canada.
- Noble, Casey. *Finding the really blink one: 21-month-olds extend novel adjectives broadly across different basic level categories* (2011, March). Poster presented at the Society for Research in Child Development Biennial Meeting, Montreal, Canada.
- Arunachalam, S., Syrett, K., and Waxman, S. R. (2011). *Can adverbs call attention to manner of motion for 2-year-olds learning verbs?* Paper presented at the 36th Annual Boston University Conference on Language Development, Boston, MA.
- Geraghty, K. D., Arunachalam, S., and Waxman, S. R. (2011). *Two-year-olds rapidly access newly-learned verb representations*. Poster presented at the 36th Annual Boston University Conference on Language Development, Boston, MA.
- Arunachalam, S., & Waxman, S. R. (2011, March). *Learning verb meanings from syntax alone*. Paper presented at the Society for Research in Child Development Biennial Meeting, Montreal, Canada.
- Ferry, A., Hespos, S., & Waxman, S. (2011, January). *Tuning the link between words and categories: A range of sounds facilitate object categorization in 3-month-old, but not 12-month-old infants*. Poster presented at 2011 Budapest CEU Conference on Cognitive Development, Budapest, Hungary.
- Arunachalam, S., & Waxman, S. R. (2011, January). *Fast mapping from argument structure alone*. Paper presented at the Linguistic Society of American Annual Meeting, Pittsburgh, PA.
- Ferry, A., Hespos, S., & Waxman, S. (2010, November). *Tuning the link between words and categories: A range of sounds facilitate object categorization in 3-month-old, but not 12-month-old infants*. Poster presented at Boston University Child Language Development Conference, Boston, MA.
- Arunachalam, S., Escovar, E., Hansen, M., & Waxman, S. R. (2010, November). *Verb learning from syntax alone at 21 months*. Paper presented at the 35th Annual Boston University Conference on Language Development, Boston, MA.
- Leddon, E., Arunachalam, S., Waxman, S. R., Fu, X., Gong, H., & Wang, L. (2010, November). *Noun and verb learning in English- and Mandarin-acquiring 24-month-olds*. Poster presented at the 35th Annual Boston University Conference on Language Development, Boston, MA.
- Arunachalam, S., Escovar, E., Hansen, M., & Waxman, S. R. (2010, September). *Learning and parsing novel verbs: Evidence from 21-month-olds*. Poster presented at Architectures and Mechanisms on Language Processing (AMLaP), York, United Kingdom.
- Arunachalam, S., Leddon, E., Waxman, S. R., Song, H., Fu, X., Gong, H., Lee, Y., & Wang, L. (2010, March). *Grammatical context in verb learning: Data from Mandarin and Korean*. Paper presented at the 17th Biennial International Conference on Infant Studies, Baltimore, MD.
- Herrmann, P, Waxman, S.R. & Medin, DL (April, 2009). *Flexible representations of the biological world: evidence for two perspectives in urban 7-year-olds*. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Denver, CO.
- Grace, A.D. & Waxman, S.R. (April, 2009). *The scope of gender categorization in infancy*. Poster presented at the Biennial Meeting of the Society for Research in Child Development. Denver, CO.

- Waxman, S.R. (April, 2009). *Comparison and contrast: How these ubiquitous processes influence the specific task of word learning*. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Denver, CO.
- Waxman, S.R. (April, 2009). *The conceptual consequences of word-learning in the first two years of life*. Paper presented at the Biennial Meeting of the Society for Research in Child Development. Denver, CO.
- Waxman, S. & Plotkin, L. 2008. *Linguistic information supports 3-year-olds' identification of verbs (and nouns): New evidence from a modified Human Simulation Paradigm*. Paper presented at the meeting of the 33rd Boston University Conference on Language Development, Boston, MA.
- Arunachalam, S. & Waxman, S. 2009. *Two-year-olds' use of syntactic context in noun and verb learning*. Paper presented at the Linguistic Society of America Annual Meeting, San Francisco.
- Arunachalam, S. & Waxman, S. 2008. *Syntax informs two-year-olds' expectations about verb meaning*. Poster presented at the meeting of the 33rd Boston University Conference on Language Development, Boston, MA.
- Waxman, S. R. (March, 2008). *The role of labels in infant categorisation*. Paper presented at the XVIth Biennial International Conference on Infant Studies, Vancouver, BC, Canada.
- Norbury, H.M. & Waxman S.R. (2007). *Language shapes some representations more than others: The case of tight- and loose-fit*. Poster presented at the 19th Annual Convention of the Association for Psychological Science, Washington, D.C.
- Norbury, H.M. & Waxman S.R. (2007) *A cross-linguistic comparison of adult's attention to fit*. Poster presented at the 29th Annual Conference of the Cognitive Science Society, Nashville, Tennessee.
- Herrmann, P. & Waxman, S.R., Medin, D.L. (October, 2007). *The development of anthropocentrism in western children's naive biology*. Poster presented at the 5th Biennial Meeting of the Cognitive Development Society. Santa Fe, NM.
- Anggoro, F. K., Waxman, S. R., & Medin, D. L. (October, 2007). *Naming practices influence children's biological induction*. Poster presented at the 5th Biennial Meeting of the Cognitive Development Society. Santa Fe, NM.
- Grace, A.D. & Waxman, S.R. (October, 2007). *The influence of labeling on preschoolers' inferences about race and gender*. Poster presented at the biennial meeting of the Cognitive Development Society, Santa Fe, New Mexico.
- Herrmann, P., Medin, D., Waxman, S.R. (May, 2007). *Evidence against universal anthropocentric reasoning in folk biology*. Poster presented at the 19th Annual Convention of the Association for Psychological Science.
- Kleinberg, F., Gelman, S. & Waxman, S. (April, 2007). *The role of item complexity on conversations about pictures and objects*. Poster presented at the the Society for Research in Child Development Biennial Meeting, Boston, Massachusetts.
- Leddon, E. & Waxman, S. (April, 2007). *Talking about living things: What children learn about biological concepts in everyday conversations*. Paper discussed at the Society for Research in Child Development Biennial Meeting, Boston, Massachusetts.
- Piccin, T. & Waxman, S. (April, 2007) *Three-year-olds use cross-situational exposure and contrast to learn verbs*. Poster presented at the Society for Research in Child Development Biennial Meeting, Boston, Massachusetts.

- Waxman, S.R. & Weisleder, A. (April, 2007) *The breadth of adjective learning in english- and spanish acquiring infants*. Paper discussed at the Society for Research in Child Development Biennial Meeting, Boston, Massachusetts.
- Lidz, J., Bunker, A., Leddon, E. & Waxman, S. (April, 2007). *When one cue is better than two: Syntactic vs. lexical information in infant verb learning*. Paper discussed at the Society for Research in Child Development Biennial Meeting, Boston, Massachusetts.
- Waxman, S., Weisleder, A. & Piccin, T. (April, 2007) *Distributional evidence for nouns and adjectives in spanish and english*. Paper discussed at the Society for Research in Child Development Biennial Meeting, Boston, Massachusetts.
- Hermann, P., Waxman, S. & Medin, D. (May, 2007). *Evidence against universal anthropocentric reasoning in folk biology*. Poster presented at the annual meeting of the American Psychology Society (APS), Washington, D.C.
- Fennell, C. & Waxman, S.R., Weisleder, A. (November, 2006). *With referential cues infants successfully use phonetic detail*. Paper presented at the 31st Boston University Conference on Language Development, Boston, MA.
- Norbury, H. & Waxman, S. (July, 2006) *Tight and loose: A conceptual asymmetry*. Poster presented at the Twenty-eighth Annual Conference of the Cognitive Science Society, Vancouver, BC, Canada.
- Waxman, S. R. & Medin, D. L. (July, 2006). *Core knowledge, naming and the acquisition of the fundamental (folk)biologic concept 'alive'*. Talk presented at the 5th International Conference of the Cognitive Sciences, Vancouver, BC, Canada.
- Fennell, C. & Waxman, S.R. (June, 2006). *Infants of 14 months use phonetic detail in novel words placed in naming phrases*. Talk presented at the International Conference on Infant Studies, Kyoto, Japan.
- Fulkerson, A., Waxman, S.R., Seymour, J.M. (June, 2006). *Object naming and categorization in 6- and 12-month-old infants: Consistency in naming counts*. Talk presented at the International Conference on Infant Studies, Kyoto, Japan.
- Lidz, J., Bunker, A., Leddon, E., & Waxman, S.R. (March, 2006). *When One Cue is Better than Two: Syntactic vs. Lexical Information in Infant Verb Learning*. Talk presented at the CUNY Workshop on On-Line Methods in Children's Language Processing, New York.
- Fulkerson, A. L., Waxman, S. R., & Seymour, J. M. (November, 2005). *Object naming and categorization: Evidence for a specific link in 6- and 12-month-olds*. Poster presented at the meeting of the 29th Boston University Conference on Language Development, Boston, MA.
- Piccin, T., & Waxman, S. R. (October, 2005). *Children and adults show identical word-guessing patterns in a human simulation paradigm*. Poster presented at the IV Biennial Meeting of the Cognitive Development Society, San Diego, CA.
- Norbury, H. & Waxman, S. R. (October, 2005). *Adults' attention to tight- and loose-fit: Sensitive but asymmetrical*. Poster presented at the IV Biennial Meeting of the Cognitive Development Society, San Diego, CA.
- Waxman, S.R., (September, 2005). *All in good time: How do infants discover distinct types of words and map them to distinct kinds of meaning?* Talk presented at Infant Pathways to Language: Methods, Models, and Research Directions. Conference supported by NICHD and Merrill Advanced Studies Center. Tempe, AZ.
- Lavin, T., & Waxman, S. R., (July 2005). *Nouns & verbs in early word learning*. Paper presented at the Xth International Congress for the Study of Child Language, Berlin, Germany.

- Anggoro, F.K., Waxman, S.R., & Medin, D.L. (July 2005). *The effects of naming practices on children's understanding of living things*. Paper presented at the Proceedings of the Twenty-seventh Annual Meeting of the Cognitive Science Society, Stresa, Italy.
- Waxman, S. R. (April 2005). *Generics*. Symposium discussant at the Society for Research in Child Development Biennial Meeting, Atlanta, Georgia.
- Bernal, S., Christophe, A., Waxman, S. R., Braun, I. E., & Lidz, J. (April 2005). *Syntactic and semantic cues to verb acquisition in 23-month-old infants: Evidence from French and English*. Poster presented at the Society for Research in Child Development Biennial Meeting, Atlanta, Georgia.
- Waxman, S. R., Medin, D. L., & Anggoro, F. (April 2005). *Culture, context, and naïve biology*. Paper presented at the Society for Research in Child Development Biennial Meeting, Atlanta, Georgia.
- Waxman, S. R. & Braun, I. E. (April 2005). *The breadth of adjective learning at 23 and 29 months of age*. Paper presented at the Society for Research in Child Development Biennial Meeting, Atlanta, Georgia.
- Waxman, S. R. & Braun, I. E. (May 2004). *Words as invitations to form categories: The importance of consistency*. Paper presented at the XIVth Biennial International Conference on Infant Studies, Chicago, Illinois.
- Waxman, S. R. & Guasti, M. T. (May 2004). *Evidence for the extension of nouns and adjectives in Italian: New cross-linguistic evidence*. Paper presented at the XIVth Biennial International Conference on Infant Studies, Chicago, Illinois.
- Anggoro, F., Waxman, S. R., Lidz, J., Vishton, P., & Braun, I. (April 2003). *What's in a look: Infants sensitivity to the mappings between grammatical form and meaning*. Poster presented at the Society for Research in Child Development Biennial Meeting, Tampa, Florida.
- Booth, A., Waxman, S. R., Huang, Y. T., & Hackenberg, J. (April 2003). *Evidence for the influence of conceptual knowledge on early word learning*. Paper presented at the Society for Research in Child Development Biennial Meeting, Tampa, Florida.
- Waxman, S. R. (April 2003). *Adjective acquisition: Conceptual, semantic, and syntactic matters*. Discussant for a symposium presented at the Society for Research in Child Development Biennial Meeting, Tampa, Florida.
- Balaban, M. T., & Waxman, S. R. (April 2002). *Do words and melodies facilitate infants' heart rate and looking responses in an object categorization task?* Poster presented at the 13th Biennial International Conference on Infant Studies, Toronto, Canada.
- Booth, A. E., & Waxman, S. R. (April 2002). *Object functions serve as cues to categories for Infants*. Paper presented at the 13th Biennial International Conference on Infant Studies, Toronto, Canada.
- Booth, A. E., & Waxman, S. R. (April 2002). *Word learning is 'smart': Evidence that conceptual knowledge effects preschoolers' extension of novel words*. Poster presented at the 13th Biennial International Conference on Infant Studies, Toronto, Canada.
- Waxman, S. R., Booth, A. E., & Braun, I. E. (December 2001). *The power of word learning*. Paper presented at the Early Lexicon Acquisition Conference: Normal and Pathological Development, Lyon, France.
- Waxman, S. R. (November 2001). *Not by perception alone: Conceptual and semantic factors underlying children's extension of novel adjectives*. Paper presented at the 26th annual Boston University Conference on Language Development, Somerville, MA:

- Namy, L. L., & Waxman, S. R. (June 2001). *Developmental change in infant's interpretation of words and gestures*. Paper presented at the Orage Conference: Orality and Gestuality? Aix-en-Provence, France.
- Waxman, S. R. (April 2001). *What is special about word learning?* Presentation at the Society for Research in Child Development Biennial Meeting, Minneapolis, MN.
- Waxman, S. R. (April 2001). *The power of word learning*. Paper presented at the Society for Research in Child Development Biennial Meeting, Minneapolis, MN.
- Booth, A. E. & Waxman, S. R. (April 2001). *Cues that facilitate the formation of categories in infancy: Object names and object functions*. Poster presented at the Society for Research in Child Development Biennial Meeting, Minneapolis, MN.
- Braun, I. E., Balaban, M., T., Booth, A., E., & Waxman, S. R. (April 2001). *Parental input to infants regarding individual objects, categories of objects, and naming*. Poster presented at the Society for Research in Child Development Biennial Meeting, Minneapolis, MN.
- Waxman, S. R., & Booth, A. E. (March 2001). *The origins and evolution of links between word learning and conceptual organization: New evidence from 11-month-olds*. Paper presented at the 2nd Bisontine Conference for Conceptual and Linguistic Development in the Child from 1 to 6 years, Besançon, France.
- Waxman, S. R., & Booth, A. E. (July 2000). *14-month-old infants map count nouns specifically to object categories: Evidence from word extension*. Poster presented at the International Conference on Infancy Studies, Brighton, England.
- Balaban, Marie T., Chinen, R., & Waxman, S. R. (July 2000). *How do parents guide infants' attention to novel object categories?* Poster presented at the International Conference on Infancy Studies, Brighton, England.
- Waxman, S. R., & Booth, A. E. (December 1999). *Distinguishing count nouns from adjectives: Evidence from 14-month-olds' word extension*. Paper presented at the 1st Bisontine Conference for Conceptual and Linguistic Development in the Child Aged from 1 to 6 Years. Besançon, France.
- Waxman, S. R., Hall, D. G., Bredart, S. and Nicolay, A. (December, 1999). *Semantic distinctions between count nouns and adjectives in French and English*. Paper presented at the 1st Bisontine Conference for Conceptual and Linguistic Development in the Child Aged from 1 to 6 Years. Besançon, France.
- Waxman, S. R., & Booth, A. E. (November 1999). *Distinguishing count nouns from adjectives: Evidence from 14-month-olds' word extension*. Paper presented at the meeting of the 24th Boston University Conference on Language Development, Boston, MA.
- Mix, K. S., & Waxman, S. R. (October 1999). *Are color concepts easier to learn than number concepts?* Poster presented at the meeting of the Cognitive Development Society, Chapel Hill, NC.
- Waxman, S. R., & Klibanoff, R. S. (April 1999). *Mapping adjectives broadly: The role of contrast and multiple exemplars*. Paper presented at the meeting of the Society for Research in Child Development, Albuquerque, NM.
- Waxman, S. R., Williams, S. E., & Booth, A. E. (April 1999). *Coordination of speech cues and word learning in 14-month-old infants*. Paper presented at the meeting of the Society for Research in Child Development, Albuquerque, NM.
- Klibanoff, R. S., & Waxman, S. R. (April 1998). *Three-year-olds' acquisition of novel adjectives: Support from the basic-level kind*. Poster presented at the International Conference on Infancy Studies, Atlanta, GA.

- Klibanoff, R. S., & Waxman, S. R. (November 1997). *Preschoolers' acquisition of novel adjectives and the role of basic-level kind*. Paper presented at the 22nd Boston University Conference on Language Development, Boston, MA.
- Namy, L. L., & Waxman, S. R. (November 1997). *Words and gestures: The role of carrier phrases in infants' mapping of novel symbols to object categories*. Paper presented at the 22nd Boston University Conference on Language Development, Boston, MA.
- Waxman, S. R., & McGregor, K. K. (May 1997). *Word-learning biases in preschoolers with and without language impairment* Paper presented at the Symposium on Research in Child Language Disabilities, Madison, WI.
- Waxman, S. R., & Markow, D. B. (April 1997). *Soft ice cream and soft slippers: The role of object kind in mapping adjectives to object properties*. Paper presented at the meeting of the Society for Research in Child Development, Washington, DC.
- Waxman, S. R., Stote, R., & Philippe, M. (April 1997). *Count nouns and object categories: Modifications in word-learners' expectations from infancy through the preschool years*. Poster presented at the meeting of the Society for Research in Child Development, Washington, DC.
- Waxman, S. R., & Braig, B. (April 1996). *Stars and starfish: How far can shape take us?* Paper presented at the International Conference on Infancy Studies, Providence, RI.
- Waxman, S. R., & Balaban, Marie T. (April 1996). *Ursines and felines: Novel words support object categorization in 9 month old infants*. Paper presented at the International Conference on Infancy Studies, Providence, RI.
- Saah, M. I., Waxman, S. R., & Johnson, J. (April 1996). *The composition of children's early lexicons as a function of age and vocabulary size*. Paper presented at the International Conference on Infancy Studies, Providence, RI.
- McGregor, K., & Waxman, S. R. (November 1995). *Multiple level naming abilities of children with word-finding deficits*. Paper presented at the 20th Boston University Conference on Language Development, Boston, MA.
- Balaban, M. T., & Waxman, S. R. (November 1995). *An examination of the factors underlying the facilitative effect of word phrases on object categorization in 9-month-old infants*. Paper presented at the 20th Boston University Conference on Language Development, Boston, MA.
- Waxman, S. R. (April 1995). *Linkages between nouns and object categories in the acquisition of English, French and Spanish*. Paper presented at the meeting of the Society for Research in Child Development, Indianapolis, IN.
- Namy, L. L., & Waxman, S. R. (April 1995). *Challenging the notion of an early thematic preference*. Paper presented at the meeting of the Society for Research in Child Development, Indianapolis, IN.
- Waxman, S. R. (November 1994). *Characteristics of word-learners: Before and after the "vocabulary explosion."* Paper presented at the 19th Boston University Conference on Language Development, Boston, MA.
- Gentner, D., & Waxman, S. R. (June 1994). *Perceptual and conceptual bootstrapping in early word meaning*. Paper presented at the meeting of the International Conference on Infancy Studies, Paris, France.
- Waxman, S. R. (March 1993). *The emergence of specific linkages between linguistic and conceptual organization*. Paper presented at the meeting of the Society for Research in Child Development, New Orleans, LA.

- Markow, D. B., & Waxman, S. R. (March 1993). *The influence of nouns and adjectives on infants' object categorization is a function of language level*. Poster presented at the meeting of the Society for Research in Child Development, New Orleans, LA.
- Waxman, S. R., & Balaban, M. T. (May 1992). *The influence of words vs. tones on infants' categorization*. Paper presented at the Eighth International Conference on Infant Studies, Miami, FL.
- Markow, D. B., & Waxman, S. R. (May 1992). *The influence of labels on 12-month-olds' category formation*. Paper presented at the Eighth International Conference on Infant Studies, Miami, FL.
- Waxman, S. R. (April 1991). *Nouns highlight superordinate category relations: Data from French- and Spanish-speaking preschool children*. Paper presented at the meeting of the Society for Research in Child Development, Seattle, WA.
- Waxman, S. R., & Heim, L. S. (April 1991). *Nouns highlight category relations in 13-month-old infants*. Paper presented at the meeting of the Society for Research in Child Development, Seattle, WA.
- Waxman, S. R. (October 1990). *Early lexical hierarchies*. Paper presented at the 15th Annual Boston University Conference on Language Development, Boston, MA.
- Waxman, S. R. (April 1990). *Relations among word meanings in early lexical development*. Paper presented at the Seventh International Conference on Infant Studies, Montreal, Canada.
- Waxman, S. R. (January 1990). Bunting Institute (Radcliffe College) Colloquium Series. Respondent to presentation by Z. Luria, *Gender: A young child's view*.
- Waxman, S. R. (June 1989). *Winding paths toward a common destination*. Invited discussant at the annual meeting of the Jean Piaget Society, Philadelphia, PA.
- Waxman, S. R. (April 1989). *Establishing new subclasses: Angelfish have fused teeth*. Paper presented in a symposium at the meeting of the Society for Research in Child Development, Kansas City, MO.
- Hall, D. G., & Waxman, S. R. (April, 1989). *A constraint on the acquisition of object terms*. Poster presented at the meeting of the Society for Research in Child Development, Kansas City, MO.
- Waxman, S. R. (June, 1988). *The role of language in children's hierarchical systems of organization*. Symposium paper presented at the annual meeting of the Jean Piaget Society, Philadelphia, PA.
- Waxman, S. R. (May, 1987). Chair, Early Cognitive Development session at the annual meeting of the Jean Piaget Society, Philadelphia, PA.
- Waxman, S. R. (April, 1987). *Linguistic and conceptual organization in 30-month olds: A preliminary report*. Paper presented at the meeting of the Society for Research in Child Development, Baltimore, MD.
- Waxman, S. R., & Shipley, E. S. (April, 1987). *Interactions between existing knowledge and language in subordinate classification*. Paper presented at the meeting of the Society for Research in Child Development, Baltimore, MD.
- Waxman, S. R. (April, 1985). *Preschoolers' classification at four hierarchical levels*. Paper presented at the meeting of the society for Research in Child Development, Toronto, Canada.
- Waxman, S. R. (October, 1984). *What constitutes evidence of hierarchical systems of organization: Evidence in preschool children*. Invited presentation. Sloan seminar in Cognitive Science, University of Pennsylvania.
- Waxman, S. R. (April, 1983). *Superordinate classification in preschool children*. Paper presented at the meeting of the Society for Research in Child Development, Detroit, MI.

Waxman, S. R. (Spring, 1981). *Auditory processing of synthesized speech-like stimuli*. Paper presented at the Eastern Psychological Association meeting, New York, NY.

SELECTED COLLOQUIA AND KEYNOTE ADDRESSES

- Waxman, S.R. (2019). Section Featured Speaker: *How (and how early) do infants link language and cognition?*. 80th Annual National Convention of the Canadian Psychological Association, Halifax, Nova Scotia.
- Waxman, S.R. (2019). Discussant, *Diversity in Developmental Science*. Society for Research in Child Development Biennial Meeting. Baltimore, MD.
- Waxman, S.R. (2019). Invited Speaker: *The acquisition of lexical concepts in infancy* Brain development and emergence of cognitive functions seminar, Collège de France, Paris, France.
- Waxman, S.R. (2018). Invited Speaker: *Becoming human: How (and how early) do language and cognition come together in the infant mind?* Paris Descartes University, Paris, France.
- Waxman, S.R. (2018). Invited Speaker: *Becoming human: How (and how early) do language and cognition come together in the infant mind?* Brown University Cognitive, Linguistic, and Psychological Sciences Colloquium.
- Waxman, S.R. (2018). Discussant, *Influence of Media Exposure & Use on Infants and Toddlers* at Media Exposure and Early Child Development Workshop. NIH Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) and the Office of Behavioral and Social Sciences Research (OBSSR). Bethesda, MD.
- Waxman, S.R. (2017). Mentor and lecturer. *Becoming human: How (and how early) do infants link language and cognition?* Canadian Institute for Advanced Research Winter School on the Neuroscience of Consciousness. Montebello, Canada.
- Waxman, S.R. (2017). Invited speaker: *Becoming human: How (and how early) do infants link language and cognition?* Canadian Institute for Advanced Research - Azrieli Program in Brain, Mind & Consciousness Meeting, Montreal, Canada.
- Waxman, S.R. (2017). *Becoming Human: How (and how early) do infants link language and cognition?* University of Maryland Brain and Behavioral Initiative: "What can animal communication teach us about human language?" College Park, MD
- Waxman, S.R. (2017). *Linking Language and Cognition: New Insights from Young Infants* at Concepts, Actions, and Objects: Functional and Neural Perspectives, Center for Mind/Brain Sciences, University of Trento, Rovereto, Italy.
- Waxman, S.R. (2016). Invited speaker: Pre-conference Workshop, "Cross-cultural and developmental perspectives on the evolution of human behaviour & cognition," Human Behaviour and Evolution Society. Vancouver, BC.
- Waxman, S.R. (2016). Invited speaker: Global Issues in Development : "Thinking about nature: Across cultures, across languages and across development." International Conference on Infant Studies, New Orleans, LA.
- Waxman, S.R. (2015). Presidential Lecture: Cognitive Development Society.
- Waxman, S.R. (2011-2013). Colloquia at: University of Massachusetts - Linguistics (Nov 2010); Central European University, Budapest - Cognitive Development Unit (Jan 2011); UC Santa Cruz - Psychology (Feb 2011); Harvard University - Graduate School of Education (Feb 2011); University of Michigan - Psychology (Jan 2012); University of Wisconsin-Madison - Psychology (Mar 2013); Tufts University - Psychology (May 2013).

- Waxman, S.R. (2013). Keynote Address: Society for Research on Child Language Disorders.
- Waxman, S.R. (2013). Invited keynote speaker: International Workshop - Adjective Acquisition Across Languages, Utrecht, Netherlands.
- Waxman, S.R. (2012) The John Macnamara Memorial Lecture, McGill University.
- Waxman, S.R. (2011) Keynote Address: Boston University Conference on Language Development.
- Waxman, S.R. (2011). Invited speaker: Pompeu Fabra University Seminar Series, Barcelona, Spain.
- Waman, S. R. (2010). Invited speaker: University of Massachusetts, Amherst, Department of Linguistics
- Waxman, S.R. (2008). Ann L. Brown Lecture (Award for Excellence in Developmental Research), University of Illinois, Urbana-Champaign.
- Waxman, S.R. (2008). Invited Speaker: American Speech and Hearing Association Annual Convention.
- Waxman, S.R. (2008). Invited symposium chair: Continuity and change in early language development. International Conference on Infant Studies. Vancouver, BC.
- Waxman, S.R. (2006). U.S. National Committee for Psychology (sponsored by NSF), International Collaborations in Social and Behavioral Science Research.
- Waxman, S.R. (2006). Cells 2 Society/Center for International and Comparative Studies, Workshop on International Dimensions of Social Disparities and Health.
- Waxman, S.R. (2006). Invited panel member: McDonnell Foundation. Language and Cognitive Development: Behavioral and Imaging Perspectives.
- Waxman, S.R. (2006). Workshop participant: Bringing together anthropological and psychological methods in the study of cognitive development and cultural transmission. London School of Economics, Department of Anthropology.
- Waxman, S.R. (2006). University of Chicago Colloquium. Developmental Psychology.

SELECTED MEDIA COVERAGE:

RADIO:

- NPR (Sept 2, 2013): "Enough with baby talk; Infants learn from lemur screeches, too"
<http://www.npr.org/sections/health-shots/2013/09/03/217229796/enough-with-baby-talk-infants-learn-from-lemur-screeches-too>
- WBEZ Chicago Public Radio (Apr 4, 2012): "Clever Apes #29: Nature and human nature"
<http://www.wbez.org/blogs/clever-apes/2012-04/clever-apes-29-nature-and-human-nature-97867>
- WBEZ Chicago Public Radio (Dec 13, 2011): "Clever Apes #23: First memories"
<http://www.wbez.org/blog/clever-apes/2011-12-13/clever-apes-23-first-memories-94877>
- WBEZ Chicago Public Radio (Mar 25, 2010): "Researchers show even young infants respond to words"
<http://www.wbez.org/story/scitech/science/researchers-show-even-young-infants-respond-words-0>

PRINT

Authored by Waxman:

- U.S. News & World Report (January 19, 2017): "Be color-brave with your kids." with Jennifer Richeson and Leoandra Onnie Rogers.
- Scientific American (April 1, 2016): "How cultural differences affect autism diagnoses."

The Hill (Feb 18, 2016): “Providing Flint’s children with the services they deserved.”

U.S. News & World Report (Feb 11, 2016): “Academia's 'Baby Penalty': Fathers and childless women in academia are three times more likely to secure tenure-track positions than are working mothers.”

Truthout (Dec 16, 2015): “Why early intervention funds cannot be sacrificed”

Huffington Post (Dec 2, 2015): “The 'Word Gap' takes root in infancy; So too should our efforts to close it”

Aljazeera America (Nov 26, 2015): “Native Americans should not be left out of Thanksgiving”

About Waxman:

Blueprint (August 13, 2018): “How to Raise a Right- and Left-Brained Kid”

Scientific American (April 1, 2018): “Culture Shapes How Children View the Natural World”

The Wildlife Society (January, 2018): “At play, Native American kids show deeper ecological knowledge”

Duke Today (November, 2017): “Car, Stroller, Juice: Babies Understand When Words Are Related”

Northwestern Research (Winter 2017): “Link between language, cognition drives pediatric research”

KelloggInsight – Podcast (December 2, 2016): “Will machines ever truly understand us?”

NY Magazine - Science of Us (June 22, 2016): “A preverbal baby is way smarter than you think”

NPR Cosmos and Culture Blog (May 16, 2016): “Humans are animals, too”

Proceedings of the National Academies of Science (Dec 22, 2015): “The neuroscience of poverty”

Scientific American (Mar 10, 2014): “Infants use verbs they know to learn new nouns”

Time (Oct 1, 2013): “Who needs nouns? How toddlers learn to speak”

Science Daily (Sept 27, 2013): “Understanding how infants acquire new words across cultures”

NBC News (Sept 2, 2013): “Human baby brains are wired to hear the call of the lemur”

Psychology Today (Nov 14, 2011): “Kids think humans are special”

Huffington Post (Nov 16, 2011): “How the baby brain differentiates between humans and animals”

Science Daily (Mar 26, 2010): “Words influence infants' cognition from first months of life”

ADVISEES

POSTDOCTORAL FELLOWS *all at Northwestern University*

Kali Woodruff (2018-present)

Miriam Novack (2016-present)

Cynthia Blanco (2016-2018)

Duolingo, Pittsburgh, PA

Melanie Havy (2012-2013)

University of Geneva, Psychology

Eileen Graf (2011-2013)

NORC at the University of Chicago, Research Scientist

Sudha Arunachalam (2007-2011)

Boston University, Applied Linguistics, Assistant Professor

Marian Chen (2007-2009)

Nan McKay and Associates, Operations Management Analyst, Chicago
Erin Leddon (2006-2011)
Northwestern University, The Graduate School, Assoc. Dir. of English Language Programs
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