

**Meredith L. Rowe**

Department of Human Development  
3304T Benjamin Building  
University of Maryland  
College Park, MD 20742  
[mrowe@umd.edu](mailto:mrowe@umd.edu)  
(301) 405-3604

---

**Education:**

2003 Ed.D., Human Development and Psychology, Harvard University, Cambridge, MA.  
1999 Ed.M., Human Development and Psychology, Harvard University, Cambridge, MA.  
1995 M.S., Human Development, University of Rochester, Rochester, NY.  
1993 B.A., Psychology, University of Rochester, Rochester, NY.

**Professional Positions:**

2009 - Present **Assistant Professor of Human Development**, University of Maryland, College Park  
2008-2009 **Postdoctoral Scholar**, Department of Sociology, University of Chicago with Stephen Raudenbush, Ed.D.  
2003-2008 **Postdoctoral Fellow**, Department of Psychology, University of Chicago with Susan Goldin-Meadow, Ph.D.  
1999-2004 **Research Associate**, Maternal Schooling Project, Harvard University to Robert LeVine, Ph.D.  
2000 **Statistical Analyst/Consultant**, UNICEF, Patan, Nepal.  
1997- 2001 **Research Assistant**, Early Head Start Project, Harvard University to Catherine Snow, Ph.D. and Barbara Alexander Pan, Ph.D.  
1996-1997 **Research & Development Assistant**, Education Development Center, Newton, MA.  
1995-1997 **Research Assistant**, Harvard Infant Study, Harvard University to Jerome Kagan, Ph.D.

**Grants/Awards:**

2008-2012 K99/R00 Pathway to Independence Award (NICHD).  
2003-2006 Ruth L. Kirschstein Individual National Research Service Award (NICHD).  
2001-2002 AERA/IES Dissertation Grant.  
2001-2002 Advanced Doctoral Student Grant, Harvard University Graduate School of Education.  
1999, 2000 Spencer Foundation Research Apprenticeship Grants.  
1997-1998 Roy E. Larsen Fellow, Harvard University Graduate School of Education.

**Research interests:**

Child language development; Relations between language and literacy development; Gesture; Environmental and cultural influences on child development and parent-child interactions; The role of parents and parenting in child health and development; Early intervention programs/low-income and underprivileged populations; Language development in atypical populations; Research methods in child language research; Longitudinal research methods and research design.

**Publications in peer reviewed journals:**

- Rowe, M. L. & Goldin-Meadow, S. (2009). Differences in early gesture explain SES disparities in child vocabulary size at school entry. *Science*, 323, 951-953.
- Rowe, M. L., Levine, S. C., Fisher, J., & Goldin-Meadow, S. (2009). Does linguistic input play the same role in language learning for children with and without early brain injury? *Developmental Psychology*, 45, 90-102
- Rowe, M. L. & Goldin-Meadow, S. (2009). Early gesture *selectively* predicts later language learning. *Developmental Science*, 12, 182-187.
- LeVine, R.A. & Rowe, M.L. (2009) Maternal literacy and child health in less-developed countries: Evidence, processes and limitations. *Journal of Developmental and Behavioral Pediatrics*, 30(4), 340-349.
- Rowe, M. L., Özçaliskan, S., & Goldin-Meadow, S. (2008). Learning words by hand: Gesture's role in predicting vocabulary development. *First Language*, 28, 182-199.
- Rowe, M. L. (2008). Child-directed speech: Relation to socioeconomic status, knowledge of child development, and child vocabulary skill. *Journal of Child Language*, 35, 185-205.
- Rowe, M.L., Pan, B.A., & Ayoub, C. (2005). Predictors of variation in maternal talk to children: A longitudinal study of low-income families. *Parenting: Science and Practice*, 5(3) 285-310.
- Pan, B.A., Rowe, M.L., Singer, J.D., & Snow, C.E. (2005). Maternal correlates of growth in toddler vocabulary production in low-income families. *Child Development*, 76(4), 763-782.
- Rowe, M.L., Thapa, B.K., LeVine, R.A., LeVine, S.E., & Tuladhar, S. (2005). How does schooling influence maternal health practices? Evidence from Nepal. *Comparative Education Review*, 49(4) 512-533.
- Schnell-Anzola, B., Rowe, M. L., & LeVine, R. A. (2005). Literacy as a pathway between schooling and health-related communication skills: A study of Venezuelan mothers. *International Journal of Educational Development*, 25(1), 19-37.
- Rowe, M.L., Coker, D., & Pan, B.A. (2004). A comparison of fathers' and mothers' talk to toddlers in low-income families. *Social Development*, 13(2), 278-291.
- Pan, B.A., Rowe, M.L., Spier, E., & Tamis-LeMonda, C. (2004). Measuring productive vocabulary of toddlers in low-income families: Concurrent and predictive validity of three sources of data. *Journal of Child Language*, 31, 587-608.
- LeVine, R.A., LeVine, S.E., Rowe, M.L., & Schnell-Anzola, B. (2004). Maternal literacy and health behavior: A Nepalese case study. *Social Science and Medicine*, 58(4), 863-877.
- Rowe, M.L. (2000). Pointing and talk by low-income mothers and their 14-month-old children. *First Language*, 20, 305-330.

**Publications in conference proceedings:**

Rowe, M.L., Özçaliskan, S., & Goldin-Meadow, S. (2006). The added value of gesture in predicting vocabulary growth. In D. Bamman, T. Magnitskaia & C. Zaller (Eds.), *Proceedings of the 30<sup>th</sup> Annual Boston University Conference on Language Development* (pp 501-512). Somerville, MA: Cascadilla Press.

**Book review:**

Rowe, M. L. (2001) Review of the book *Gesture, speech and sign*. *Applied Psycholinguistics*, 22, 643-647.

**Papers submitted:**

Levine, S.C., Suriyakham, L. W., Huttenlocher, J., Rowe, M. L. & Gunderson, L. What counts in toddlers' development of number knowledge? Paper under review.

**Papers/Chapters in preparation:**

Rowe, M. L. Parental talk to children: The importance of quantity versus quality in child vocabulary skill.

Rowe, M. L. & Casillas, A. Parental beliefs and talk to children.

Rowe, M.L., Raudenbush, S., Goldin-Meadow, S., Hedges, L., Huttenlocher, J., Levine, S.C. & Small, S. Predicting kindergarten language and literacy skills from early vocabulary growth.

Rowe, M. L., Voigt, J., & Masich, M. Measuring vocabulary sophistication from parent-child interaction.

Rowe, M. L. Recording, transcribing, and coding interaction. Chapter to appear in Hoff, E. (Ed.) Guide to Research Methods in Child Language. Wiley-Blackwell.

Schnell-Anzola, B., Rowe, M.L., Pan, B.A., & LeVine, R.A. A cross-linguistic study of low-income families: Mother-child communication in the U.S. and Venezuela.

**Book in preparation:**

LeVine, R.A, LeVine, S.E., Dexter, E., Schnell-Anzola, B., & Rowe, M.L. Literacy and Mothering: How women's schooling changes the lives of the world's children. Under contract with Oxford University Press.

**Presentations:**

Rowe, M. L., Voigt, J., & Masich, M. (2009, October). Measuring Vocabulary Sophistication from Parent-child Interaction. Poster to be presented at the 6<sup>th</sup> Biennial Meeting of the Cognitive Development Society: San Antonio, TX.

Demir, E., Rowe, M.L., Levine, S.C. & Goldin-Meadow, S. (2009, October). Academic Language in the Early Home Environment of Children with Pre- or Perinatal Brain Injury. Poster to be presented at the 6<sup>th</sup> Biennial Meeting of the Cognitive Development Society: San Antonio, TX.

- Rowe, M. L. (2009, April). Academic language in the early home environment: Predictors and outcomes. Poster presented at the Biennial Meeting of the Society for Research in Child Development: Denver, CO.
- Levine, S.C., Huttenlocher, J., Pruden, S.M., Gunderson, E.A., & Rowe, M.L. (2009, April). Preschoolers' spatial knowledge: Relation to early parent-child interactions. Paper presented in R.M. Golinkoff & K. Hirsh-Pasek (Chairs), A mandate for playful learning in preschool: Presenting the evidence. The biennial meeting for the Society for Research in Child Development, Denver, CO.
- Rowe, M. L., & Goldin-Meadow, S. (2008, July). Gesture selectively predicts language learning. Paper presented as part of a symposium at the Eleventh meeting of the International Congress for the Study of Child Language, Edinburgh, United Kingdom.
- Rowe, M. L. (2007, March). Child-directed speech: Relation to knowledge of child development and child vocabulary skill in a diverse American sample. Poster presented at the Biennial Meeting of the Society for Research in Child Development: Boston, MA.
- Sauer, E. A., Levine, S. C., Goldin-Meadow, S. & Rowe, M. L. (2007, March) Gesture and vocabulary development in children with early unilateral brain injury. Poster presented at the Biennial Meeting of the Society for Research in Child Development: Boston, MA.
- Rowe, M.L., Özçaliskan, S., & Goldin-Meadow, S. (2005, Nov). The added value of gesture in predicting vocabulary growth. Paper presented at the Boston University Conference on Language Development: Boston, MA.
- Schnell-Anzola, B., Rowe, M.L., Pan, B.A., & LeVine, R.A. (2005, July). A cross-linguistic study of low-income families: Mother-child communication in the U.S. and Venezuela. Paper presented at the tenth meeting of the International Congress for the Study of Child Language: Berlin, Germany.
- Rowe, M.L. & Gamez, P.B. (2005, April). A longitudinal comparison of mothers' and fathers' talk and gesture to young children. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Atlanta, GA.
- Spier, E., Tamis-LeMonda, C, Pan, B.A., & Rowe, M.L. (2005, March). Pathways between maternal depression and early language development in low-income families. Paper presented as part of a symposium at the 18<sup>th</sup> Annual Research Conference of the Research and Training Center for Children's Mental Health, Tampa, FL.
- Rowe, M.L., & Pan, B.A. (2004, May). Maternal pointing and toddler vocabulary production during book reading versus toy play. Poster presented at the Biennial Meeting of the International Conference on Infant Studies, Chicago, IL.
- Rowe, M.L., Pan, B.A., & Snow, C.E. (2003, April). Predictors of maternal child-directed speech and gesture in low-income families. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Tampa, FL.

- Dexter, E., Schnell-Anzola, B., Rowe, M.L. & LeVine, S. (2003, April). Maternal schooling, home literacy environments, and bilingual language and literacy development in Nepal. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Tampa, FL.
- Rowe, M.L., Pan, B.A., & Snow, C.E. (2002, July). Look who's talking: Maternal correlates of toddlers' vocabulary growth in low-income families. Paper presented at the ninth meeting of the International Congress for the Study of Child Language: Madison WI.
- Pan, B.A., Rowe, M.L., Spier, E. & Tamis-LeMonda, C. (2002, July). Parental report and spontaneous speech measures of low-income toddlers' vocabulary at age 2. Poster presented at the ninth meeting of the International Congress for the Study of Child Language: Madison WI.
- Pan, B.A., Rowe, M. L. & Yont, K. (2001, April). Variation among parents in gesture use accompanying child-directed speech. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Minneapolis, MN.
- Rowe, M. L. & Kingston, H.C. (2001, April). Maternal predictors of three-year-old children's vocabulary comprehension. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Minneapolis, MN.
- Rowe, M.L. (2000, February). Communicative gesture during mother-child interaction: What's the point? Paper presented as part of a symposium at the Harvard Graduate School of Education's annual Student Research Conference, Cambridge, MA.
- Pan, B.A., Rowe, M.L., & Ayoub, C. (2000, June). Portraits of mother child interaction: The interplay of language and affect. Paper presented as part of a symposium at Head Start's Fifth National Research Conference, Washington, DC.
- Rowe, M.L., & Coker, D. (2000, June). A comparison of maternal and paternal talk to toddlers in low-income families. Poster presented at Head Start's Fifth National Research Conference, Washington, DC.
- Pan, B.A. & Rowe, M.L. (1999, July). Sources of variation in the amount mothers talk and gesture in interaction with their 14-month-old children. Paper presented as part of a symposium at the eighth meeting of the International Congress for the Study of Child Language, San Sebastian, Basque Country, Spain.
- Rowe, M. L. (1999, April). Pointing during interaction between mothers and their fourteen-month-old children: Relationship to child lexical development. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Albuquerque, NM.
- French, L. A. & Rowe, M. L. (1995, April). The short-term consequences of being read to: Recall by low-income preschoolers. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Indianapolis, IN.

**Invited colloquia:**

University of Chicago, Workshop on Education, December 2008  
University of Maryland, Department of Human Development, February 2008  
University of California Santa Cruz, Department of Developmental Psychology, January 2008  
Erikson Institute, December 2007  
University of Chicago, Developmental Psychology Brown Bag, December 2007  
University of Chicago, Department of Comparative Human Development, March 2006  
Arizona State University, Department of Family and Human Development, January 2006  
University of Chicago, Developmental Psychology Brown Bag, January 2006  
Williams College, Department of Psychology, December 2005  
University of Chicago, Developmental Psychology Brown Bag, January 2004

**Professional affiliations and citizenship:**

Member: *Society for Research in Child Development (SRCD)*, 1998-present  
Member: *International Association for the Study of Child Language* 1999-present  
Member: *Cognitive Development Society (CDS)*, 2009-present  
Reviewer for: SRCD 2007 Biennial Meeting, Panel 22: Contexts of Childhood Development  
Reviewer for: SRCD 2009 Biennial Meeting, Panel 11: Language: Sociocultural Influences  
Participant: AERA/IES Statistics Institute – Chicago, April 2007

Ad hoc reviewer for:

*Applied Psycholinguistics, Child Development, Developmental Psychology, Discourse Processes, Early Education and Development, Infant and Child Development, Infant Behavior and Development, Journal of Applied Developmental Psychology, Journal of Child Language, Language Learning and Development, Merrill Palmer Quarterly, Social Development.*

**Teaching Experience:**

**Lecturer: Department of Psychology, University of Chicago**

*Winter 2007: Introduction to Language Development*

Enrollment = 35 undergraduates. Lectures covered the history of child language research, the various components of language learning, individual differences, bilingualism, and the relation between language and literacy. Lab sessions and homework assignments focused on methods for child language research (specifically CHILDES).

**Teaching Fellowships (Assistantships): Graduate School of Education, Harvard University**

Spring 2003 Child Rearing, Family, and Culture. *Robert LeVine.*

Spring 2000 Intermediate Statistics. *Suzanne Graham.*

Fall 1999 Applied Data Analyses. *Suzanne Graham.*

Spring 1999 The Development of Communication: The Early Years. *Catherine Snow.*

Fall 1998 The Development of Communication: Preschool and Beyond. *Barbara Pan.*

Fall 1998 Empirical Methods: Statistics for Research. *Terrence Tivnan.*