

Karen L. Miller

EDUCATION	Ph.D., Linguistics; Dual Title, Cognitive Science, Michigan State University, 2007 M.A., Linguistics, Michigan State University, 2001 B.S., Secondary Education, Central Michigan University, 1996
APPOINTMENTS	Associate Professor, The Pennsylvania State University Co-Director of the Center for Language Science, PSU Assistant Professor, The Pennsylvania State University (2010–2016) Assistant Professor, Calvin College (2005-2010)

EXTERNAL GRANTS AND AWARDS

- 1. 2016 – 2021. National Science Foundation Grant. PIRE: Translating cognitive and brain science in the laboratory and field to language learning environments** (PI: Judith Kroll; CoPIs: Janet van Hell, Paola Dussias, John Lipski; **Core Faculty:** Rena Torres Cacoullos, Matt Carlson, Carrie Jackson, John Lipski, Ping Li, Carol Miller, **Karen Miller**, Marianna Nadeu, Richard Page, Michael T. Putnam, Eleonora Rossi, Daniel Weiss) [5.9 million].
- 2. 2013 – 2018. National Science Foundation Grant BCS #1322763. The effect of variable input on children's acquisition of null subjects** (PI: **Karen Miller**) – Research in the Dominican Republic and Chile, includes tuition/stipend for graduate and undergraduate research assistants, research travel and housing for faculty and students, conference travel, collaborator fees, and other dissemination costs, [\$253,933].
- 3. 2013 – 2015. National Science Foundation Doctoral Dissertation Improvement Grant #BCS 1251989. Doctoral Dissertation Research: Inconsistent input and amount of exposure: child second language acquisition of Fering, a dialect of North Frisian** (PI: Carrie Jackson, **Co-PIs: Karen Miller** and Alison Hendricks) - Student research travel and data collection on the Island of Fohr, Germany, [\$15,118].
- 4. 2010 – 2016. National Science Foundation Grant # 0968369. PIRE: Bilingualism, mind, and brain: An interdisciplinary program in cognitive psychology, linguistics, and cognitive neuroscience** (PI: Judith Kroll; CoPIs: Janet van Hell, Paola Dussias; **Core Faculty:** Rena Torres Cacoullos, Matt Carlson, Carrie Jackson, John Lipski, Ping Li, Carol Miller, **Karen Miller**, Marianna Nadeu, Richard Page, Michael T. Putnam, Eleonora Rossi, Daniel Weiss) [\$2,824,500].
- 5. 2008 – 2013. National Science Foundation Grant BCS #0746089. Collaborative Research: Effects of unreliable input on children's acquisition of plural morphology** (PI: **Karen**

Miller) – Research in Chile, includes undergraduate and graduate research assistants stipends, research travel, conference travel, collaborator fees, and other dissemination costs [\$107,943].

6. **2012. Best Paper by Untenured Faculty Award**, *Language Acquisition: A Journal of Developmental Linguistics*, for 2012 paper: Variable input and the acquisition of plural morphology. *Language Acquisition: A Journal of Developmental Linguistics*, 19, (3), 223-261, [\$500].

7. **2005 – 2007. National Science Foundation Doctoral Dissertation Improvement Grant BCS #0446769**. *Doctoral Dissertation Research: Variable input and the acquisition of plurality in two varieties of Spanish*, [\$12,000].

JOURNAL PUBLICATIONS (*indicates publications with students)

1. Gómez, D., Holtheuer, C., **Miller, K.**, Schmitt, C. (under review) Children's and adults' eye movements and the extraction of number information from redundant markings. Preprint: <https://psyarxiv.com/2yeuc/>.
2. Brehm, L., Jackson, C., **Miller, K.** (forthcoming) Probabilistic online processing of sentence anomalies. *Language, Cognition and Neuroscience*.
3. **Miller, K.** (accepted) Copula Choice is Associated with Discourse Integration Skills in Spanish-speaking Children. *Journal of Hispanic and Lusophone Linguistics*.
4. *Brehm, L., Jackson, C.N., & **Miller, K.** (2019) Incremental interpretation in the first and second language. In *Proceedings of the 43rd Boston University Conference on Language Development* (pp. 1-14). Boston, MA: Cascadilla Press.
5. *Lukyanenko, C. & **Miller, K.** (2019) Learning the plural from variable input: An eye-tracking study of Chilean children's plural comprehension. *Journal of Monolingual and Bilingual Speech 1* (2), 248-279.
6. Dracos, M., Requena, P., & **Miller, K.** (2018) Acquisition of Mood Choice in Spanish-Speaking Children. *Language Acquisition: A Journal of Developmental Linguistics 26* (1), 106-118.
7. *Brehm, L., Jackson, C.N., & **Miller, K.** (2018) Speaker-specific processing of anomalous sentences. *Quarterly Journal of Experimental Psychology*.
8. *Hendricks, A.K., **Miller, K.**, & Jackson, C.N. (2018). Regularizing unpredictable variation: Evidence from a naturalistic setting. *Language, Learning and Development, 14*, 42-60.
9. *Holtheuer, C. & **Miller, K.** (2015) Genericity and the interpretation of the copulas by Spanish-speaking children. *Revista de lingüística teórica y aplicada*, Universidad de Concepción Press (Chile).
10. *Requena, P., Hernandez-Roman, A., & **Miller, K.** (2015) Children's Knowledge of the

Spanish Copulas ser and estar with Novel Adjectives. *Language Acquisition: A Journal of Developmental Linguistics* 22, 193-207.

11. **Miller, K.** (2014) Assessing plural morphology in children acquiring /s/-leniting dialects of Spanish. *Language, Speech, and Hearing Services in Schools* 45(3), 173-184.
12. ***Miller, K.** & Hendricks, A. E. (2014) What impact does ambiguous input have on bilingual language acquisition? *Linguistic Approaches to Bilingualism* 4(3), 362-367.
13. **Miller, K.** & Schmitt, C. (2014) Spanish-speaking children's use of verbal agreement in comprehension. *Lingua* 144, 40-57.
14. **Miller, K.** (2013) Variable Input: What Sarah reveals about non-agreeing don't and theories of root infinitives. *Language Acquisition: A Journal of Developmental Linguistics* 20, 305-324.
15. **Miller, K.** (2013) Acquisition of variable rules: /s/-lenition in the speech of Chilean Spanish-speaking children and their caregivers. *Language Variation and Change* 25, 311-340.
16. **Miller, K.** & Schmitt, C. (2012) Variable input and the acquisition of plural morphology. *Language Acquisition: A Journal of Developmental Linguistics*, 19, (3), 223-261.
Paper received journal's annual award for best paper written by an untenured scientist.
17. **Miller, K.** (2012) Not all children agree: Acquisition of agreement when the input is variable. *Language Learning and Development*, 8, (3), 255-277.
18. **Miller, K.** & Schmitt, C. (2010) Effects of variable input in the acquisition of plural in two dialects of Spanish. *Lingua* 120 (5) 1178-1193.
19. Schmitt, C. & **Miller, K.** (2007) Making discourse dependent decisions: The case of the copulas ser and estar in Spanish. *Lingua* 117 (11) 1907-1929.
20. **Miller, K.** & Schmitt, C. (2004) An experimental study of child comprehension of Spanish indefinites and bare singulars. *Language Acquisition: A Journal of Developmental Linguistics* 12 (3&4), 247-256.

BOOK CHAPTERS (*indicates publications with students)

1. Dussias, G. & **Miller, K.** (forthcoming) Eye Tracking Methods in Child SLA Research.
2. *Ramos, M. & **Miller, K.** (forthcoming) Acquisition of sociolinguistic variation: Acoustic characteristics of /s/ lenition in the speech of young Chilean Spanish-speaking children and their caregivers.
3. **Miller, K.** & Cárdenas, R. (2020) Stylistic Patterns in the Speech of Young Children and Their Caregivers: A Study of Variable /s/ Lenition in Dominican Spanish. In: *An Anthology of*

Bilingual Child Phonology, by Elena Babatsouli and Martin J. Ball (eds.), Multilingual Matters.

4. **Miller, K.** (2019) Children's Acquisition of Sociolinguistic Variation. In: *Three Streams of Generative Language Acquisition Research. Selected papers from the 7th Meeting of Generative Approaches to Language Acquisition – North America, University of Illinois at Urbana-Champaign*, by Ionin, Tania and Matthew Rispoli (eds.) [LALD 63], John Benjamins.
5. **Miller, K.** (2015) Children's production of *ain't*. In: P. Donaher & S. Katz (eds.) *Ain'tology: The History and Life of the Taboo Word Ain't*. Cambridge Scholars Publishing, 96-112.
6. Schmitt, C., **Miller, K.** & Holtheuer, C. (2012) Ser and Estar: What is there to learn? In: A. Avellana y L. Brandani (eds.) *La adquisición del lenguaje y la enseñanza de segundas lenguas*, Universidad Nacional de General Sarmiento (UNGS) Press, Buenos Aires, Argentina.
7. Schmitt, C. & **Miller, K.** (2010) Using comprehension methods in language acquisition research. In: S. Unsworth & E. Blom (eds.) *Experimental Methods in Language Acquisition Research*, John Benjamins, 35-56.
8. **Miller, K.** & Schmitt, C. (2009) Syllable-final /s/ lenition and the acquisition of plural morphology in Spanish-speaking children. In: J. Grinstead (ed.) *Hispanic Child Languages: Typical and Impaired Development*. John Benjamins, 3-27.
9. **Miller, K.** & Schmitt, C. (2009) Variable vs. consistent input: comprehension of plural morphology and verbal agreement in children. In: J. Brucart, A. Gavarro, and J. Sola (eds.) *Merging features: computation, interpretation, and acquisition*. Oxford University Press, 123-137.

CONFERENCE PROCEEDINGS (*indicates publications with students)

1. Brehm, L., Jackson, C.N., & Miller, K. (2019) Incremental interpretation in the first and second language. In *Proceedings of the 43rd Boston University Conference on Language Development* (pp. 1-14). Boston, MA: Cascadilla Press.
2. * Lukyanenko, C. & Miller, K. (2018) Children's and Adult's Processing of Variable Agreement Patterns: Agreement Neutralization in English. *BUCLD 42 Proceedings*.
3. Requena, P. E., Dracos, M., & Miller, K. (2017) Variable use of the Subjunctive in L1 Spanish. In LaMendola, M. & J. Scott. *Proceedings of the 41st Boston University Conference on Language Development*. (Volume 2) pp. 563-575. Somerville, MA. Cascadilla.
4. *Hendricks, A., Miller, K., Jackson, C. (2015) Regularization or Probability-Matching? Acquisition of Inconsistent Gender Marking in Fering-Speaking Children. *Boston University Conference on Language Development (BUCLD) Proceedings 39*.
5. *Miller, K. & Ramos, M. (2014) Acquisition of Sociolinguistic Variation: Acoustic Characteristics of s-lenition in the Speech of Spanish-speaking Children and their Caregivers. *Boston University Conference on Language Development (BUCLD) Proceedings 38*.

6. *Requena, P., Hernandez-Roman, A., & Miller, K. (2014) Puerto Rican Children's Knowledge of the Spanish Copulas Ser and Estar with Adjectives. *Boston University Conference on Language Development (BUCLD) Proceedings 38*.
7. Miller, K. (2012) Sociolinguistic Variation in the Sarah Corpus. In: *Boston University Conference on Language Development (BUCLD) Proceedings 36*. (eds.) A. Biller, E. Chung, A. Kimbal., 339-348, Cascadilla Press.
8. Holtheuer, C., Miller, K., Schmitt, C. (2011) Ser and Estar: The Role of Adjective-types. *Proceedings of the 4 Conference on Generative Approaches to Language Acquisition North America (GALANA), 2010*, Cascadilla Press (<http://www.lingref.com/cpp/galana/4/index.html>).
9. Miller, K. (2011) Acquisition of Agreement Marking on 'do': A Production- Comprehension Asymmetry. In: N. Danis, K. Mesh, and H. Sung (eds.) *Proceedings of the 35th annual Boston University Conference on Language Development, 2010*, Cascadilla Press, 466-476.
10. Munn, A., Miller, K., & Schmitt, C. (2006) Maximality and plurality in children's interpretation of definites. In: D. Bamman, T. Magnitskaia, and C. Zaller (eds.) *Proceedings of the 30th Annual Boston University Conference on Language Development, 2005*, Cascadilla Press, 377-387.
11. Miller, K. & Schmitt C. (2006) The effect of variable input on comprehension: Evidence from Spanish. In: D. Bamman, T. Magnitskaia, and C. Zaller (eds.) *Proceedings of the 30th Annual Boston University Conference on Language Development, 2005*, Cascadilla Press, 365-376.
12. Miller, K., H-H Chang, A. Munn (2005) Young children understand some implicatures. In: A. Brugos, M. R. Clark-Cotton, and S. Ha (eds.) *Proceedings of the 29th Annual Boston University Conference on Language Development, 2004*, Cascadilla Press, 389-400.
13. Miller, K. & Schmitt, C. (2005) The Interpretation of Indefinites and Bare Singulars in Spanish Child Language. In: D. Eddington (ed.). *Proceedings of the Sixth Conference on the Acquisition of Spanish and Portuguese as First and Second Languages 2003*, Cascadilla Press, 92-101.
14. Miller, K. & Schmitt, C. (2004) Wide-scope Indefinites in English Child Language. In: J. van Kampen and S. Baauw (eds.) *Proceedings of Generative Approaches to Language Acquisition 2003 (GALA)*, Utrecht :LOT p. 317-328.
15. Schmitt, C., Holtheuer, C. & Miller, K. (2004) Acquisition of copulas ser and estar in Spanish: learning lexico-semantics, syntax and discourse. *On-line Supplemental Proceedings of the 28 Boston University Conference on Language Development, 2007*.

Ph.D. DISSERTATION and POST DOCTORAL SUPERVISION at PENN STATE UNIVERSITY

Co-Advisor, **Laurel Brehm**, postdoctoral fellowship (2016-17), Penn State University.
Subsequent Position: Senior Investigator at Max Planck Institute for Psycholinguistics.

Director, **Cynthia Lukyanenko**, postdoctoral fellowship (2014-2017), Penn State University.
Subsequent Position: Teaching Faculty at George Mason University.

Director, **Christopher Champi**, Ph.D. granted August 2017 (Penn State), **Subsequent Position:** Language Specialist at Duolingo.

Director, **Pablo Requena**, Ph.D. granted August 2015 (Penn State), **Subsequent Position:** Assistant Professor of Spanish and Linguistics at University of Montana.

Co-Director (with Carrie Jackson), **Alison Eisel Hendricks**, Ph.D. granted July 2014 (Penn State), **Subsequent Position:** Postdoctoral Scholar in Communication Sciences and Disorders at the University of South Carolina.

Director, **Melisa Dracos**, Ph.D. granted May 2013 (Penn State), **Subsequent Position:** Assistant Professor of Linguistics at Baylor University.