

Cynthia A. C. Lukyanenko

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Department of English
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Professional Appointments

George Mason University, Term Assistant Professor of Linguistics	Jan 2019–present
George Mason University, Adjunct Assistant Professor of Linguistics	Aug 2017–Dec 2018
Penn State University, Postdoctoral Scholar, PI: K. Miller	Sep 2014–Aug 2017

Education

PhD Developmental Psychology , University of Illinois, Urbana-Champaign, Advisor: C. Fisher	2014
MA Developmental Psychology , University of Illinois, Urbana-Champaign	2011
BA Linguistics , University of Maryland, College Park, Advisor: J. Lidz	2008

Publications

Journal Articles

- 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).
- Blanchette, F., & **Lukyanenko, C.** (2019). Asymmetries in the acceptability and felicity of English negative dependencies: Where Negative Concord and Negative Polarity (do not) overlap. *Frontiers in Psychology* 10, 2486.
- Blanchette, F., & **Lukyanenko, C.** (2019). Unacceptable grammars? An eye-tracking study of English Negative Concord. *Language and Cognition*.
- Lukyanenko, C., & Fisher, C.** (2016). Where are the cookies? 2- and 3-year-olds use number-marked verbs to anticipate upcoming nouns. *Cognition* 146, 349-370.
- Lukyanenko, C., Conroy, A., & Lidz, J.** (2014). Is she patting Katie? Constraints on pronominal reference in 30-month-olds. *Language Learning and Development* 10(4), 328-344.

Conference Proceedings

- Lukyanenko, C., & Miller, K.** (2018). Children's and adults' processing of variable agreement patterns: Agreement neutralization in English. *Proceedings of the 42nd Annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press.
- Lukyanenko, C., & Fisher, C.** (2014). 30-month-olds use verb agreement features in online sentence processing. *Proceedings of the 38th Annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press.
- Sutton, M., **Lukyanenko, C., & Lidz, J.** (2011). The onset of Principle C at 30 months: The role of vocabulary, syntactic development and processing efficiency. *Proceedings of the 35th Annual Boston University Conference on Language Development*. Somerville, MA: Cascadilla Press.

Dissertation & Theses

- Lukyanenko, C.** (2014). *Coming to Agreement: Representation and processing of English subject-verb agreement*. Dissertation, University of Illinois, Urbana-Champaign.
- Lukyanenko, C.** (2011). *Where are the cookies? 3-year-olds use number-marked verbs to anticipate upcoming nouns*. Masters Thesis, University of Illinois, Urbana-Champaign.
- Lukyanenko, C.** (2008). *Binding Principles B and C in 30-month-olds*. Undergraduate Honors Thesis, University of Maryland, College Park.

Conference Sessions Organized

- Lukyanenko, C., & Blanchette, F.** (January 2020). Perspectives on Negation: A cross-disciplinary discussion. Workshop at the 94th Annual Meeting of the Linguistics Society of America.

Conference Presentations

- Lukyanenko, C., & Blanchette, F.** (March 2020). What's in a grammar? Mainstream speakers' processing of English negative concord. Poster presented at the 33rd annual CUNY Conference on Human Sentence Processing (online).
- Blanchette, F., **Lukyanenko, C., & Muschler, K.** (January 2019). Processing negative concord and double negation in context: An eye-tracking study. Paper presented at the 93rd Annual Meeting of the Linguistic Society of America.
- Lukyanenko, C., & Miller, K.** (November 2017). Children's and adults' processing of variable agreement patterns: Agreement neutralization in English. Paper presented at the 42nd Boston University Conference on Language Development.
- Featherstone, M., **Lukyanenko, C., & Miller, K.** (March 2017). Processing variable number agreement: Evaluating /s/-lenition in comprehension. Poster presented at the 30th annual CUNY Conference on Human Sentence Processing.
- Lukyanenko, C., & Miller, K.** (September 2016). Learning the plural from variable input: An eye-tracking study. Paper presented at GALANA 7.
- Lukyanenko, C., & Miller, K.** (October 2015). Agreeing when to disagree: A corpus analysis of variable agreement neutralization in caregiver and child speech. Poster presented at New Ways of Analyzing Variation 44.
- Lukyanenko, C., & Fisher, C.** (March 2015). Where are the scissors? Using verb agreement to anticipate grammatical and notional number. Paper presented at the 2015 Society for Research in Child Development Biennial Meeting.
- Lukyanenko, C., & Fisher, C.** (March 2014). Abstract agreement: Children's sensitivity to subject-verb agreement in comprehension does not require knowledge of specific lexical co-occurrences. Poster at the 27th annual CUNY Conference on Human Sentence Processing.
- Lukyanenko, C., & Fisher, C.** (November 2013). 30-month-olds use verb agreement in online sentence processing. Paper presented at the 38th Boston University Conference on Language Development.
- Lukyanenko, C., & Fisher, C.** (March 2013). Here comes the subject! Listeners use number-marked verbs to predict subject number. Poster at the 26th annual CUNY Conference on Human Sentence Processing.
- Lukyanenko, C., & Fisher, C.** (November 2012) Agreeing with conjoined subjects: Three-year-olds know that one and one are (usually) two. Paper presented at the 37th Boston University Conference on Language Development.

- Lukyanenko, C., & Fisher, C.** (March 2012). Grammatical or notional number? Three-year-olds' production and comprehension of verb agreement. Poster at the 25th annual CUNY Conference on Human Sentence Processing.
- Lukyanenko, C., & Fisher, C.** (November 2010). Where are the cookies? Three-year-olds use number-marked verbs to anticipate noun number in online sentence interpretation. Paper presented at the 35th Boston University Conference on Language Development.
- Sutton, M., **Lukyanenko, C., & Lidz, J.** (November 2010). The onset of Principle C at 30 months: The role of vocabulary, syntactic development and processing efficiency. Paper presented at the 35th Boston University Conference on Language Development.
- Lukyanenko, C. & Conroy, A.** (November 2007). Principle C: Evidence from 30-month-olds. Paper presented at the 32nd Boston University Conference on Language Development.

Invited Talks

- Lukyanenko, C.** (March 2020). English subject-verb agreement: Variability, representation and processing in acquisition. Integrative Language Sciences and Technology Colloquium, University of Pennsylvania.
- Lukyanenko, C.** (February 2020). English subject-verb agreement: Variability, representation and processing in acquisition. Linguistics Colloquium, University of Washington.
- Lukyanenko, C.** (June 2015). First language acquisition of morphosyntax: a proposal and cross-linguistic predictions. Memory and Language Research Group, University of Granada, Granada, Spain.
- Lukyanenko, C.** (May 2015). Acquiring agreement: First language acquisition of morphosyntax. Language Science Colloquium, Center for Language Science, Pennsylvania State University.
- Lukyanenko, C.** (January 2014). Coming to agreement: Representing subject-verb agreement in acquisition. Language Processing Brown Bag, Beckman Institute, University of Illinois, Urbana-Champaign.
- Lukyanenko, C.** (November 2013). Representing agreement: 3-year-olds' use of agreeing verb-forms in online sentence comprehension. Cognitive Psychology Brown Bag, Northwestern University.

Grants & Awards

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| Predoctoral Fellowship | 2013–2014 |
| NIH Language Processing Training Grant, University of Illinois, Urbana-Champaign
Stipend, tuition, and research funds for one year. Awarded to two graduate trainees annually. | |
| Travel Award, GALANA 7 | 2016 |
| Awarded to the 10 highest-scored abstracts by early-career scientists. | |
| Postdoctoral Travel Award | 2015, 2017 |
| Office of Postdoctoral Affairs, Pennsylvania State University | |
| List of Teachers Ranked as Excellent by their Students | 2013 |
| Child Psychology, University of Illinois, Urbana-Champaign | |
| Paula Menyuk Travel Award | 2010, 2012, 2013 |
| Boston University Conference on Language Development | |
| Baggett Scholarship for Undergraduate Research | 2006, 2007 |
| Department of Linguistics, University of Maryland, College Park
Two months' summer stipend to conduct research at the Project on Children's Language Learning. | |

Mentorship and Research Supervision

Methods and Statistics Mentorship

Research Methods and Statistics Mentorship

2019 – present

Regular office hours for PhD and MA students in the Linguistics Program to discuss experimental design, help plan and troubleshoot statistical analyses, and create data visualizations. 6-10 projects per semester.

Student Research Supervision

R. Chon, “Phonetic cues to plurality in Eastern Andalusian Spanish”

Summer 2018

Summer Internship, Linguistics Program, George Mason University

Worked with rising HS senior, R. Chon for 5 weeks to prepare and perform new analyses of recorded audio. The student learned to use new software, create graphs in R, and perform basic statistical tests.

M. Featherstone, “Processing of Variable Number Agreement”

2016–2017

Honors Thesis in Communication Sciences and Disorders, PIRE undergraduate research project, Center for Language Science, Pennsylvania State University

Data collection in Granada, Spain. Student travel and research costs fully funded by PIRE grant.

R. Painter, “L2 Acquisition of Variable Clitic Placement”

2016–2017

PIRE undergraduate research project, Center for Language Science, Pennsylvania State University

Data collection in Granada, Spain. Student travel and research costs fully funded by PIRE grant.

Laboratory Supervision

DC Area Principle Investigator, Microvariation in American English Negation Project 2018–present

Co-PIs: Frances Blanchette, Penn State, Paul Reed, U of Alabama, & Jessie Grieser, U of Tennessee

Supervise 2 graduate and 1 undergraduate RA in corpus analysis, data collection and coding.

Project explores negation in corpora of African-American English (CORAAAL; DC), Appalachian English (AAPCApPE; Alabama) and Mainstream American English (COCA; PennState).

Research Supervisor, Language Acquisition and Variation Laboratory

2014–2017

PI: Karen Miller

Trained 6 undergraduate RAs (1-2 per semester) in stimulus creation, data collection and coding.

Built students’ understanding through regular discussions of ongoing projects, related research.

Supervisor, Language Acquisition Laboratory

2008–2014

PI: Cynthia Fisher

Supervised over 50 undergraduate research assistants (4-6 per semester).

Trained RAs in running and coding lab studies, working with families in the lab.

Teaching

Linguistics Program, George Mason University

LING480: First Language Acquisition, online

Fall 2020

First Language Acquisition for upper-level undergraduate students. Linguistics Capstone.

Research-intensive course. Students design and complete original research projects.

LING580: First Language Acquisition, online

Fall 2020

First Language Acquisition for graduate students. Students conduct original research projects.

LING486: Syntax 1	Spring 2020
Introduction to generative syntax for undergraduate students.	
LING882: Seminar in First Language Acquisition	Spring 2020, Spring 2018
Spring 2020 topic: Development of Processing, Spring 2018: Bilingual Child Language Acquisition. 5 students. Mean student rating of teaching: Spring 2018 5.00 out of 5	
LING480/LING580: First Language Acquisition	Fall 2019, Fall 2018, Fall 2017
First Language Acquisition for upper-level undergraduate and graduate students. Research-intensive course. Students completed semester projects involving original data. 20-24 students. Mean student rating of teaching: Fall 2018 4.89 out of 5; Fall 2017 4.21 out of 5	
LING770: Research Methods	Fall 2019, Fall 2018, Fall 2017
Introduction to research methods and statistics for incoming PhD students. 4-6 students. Mean student rating of teaching: Fall 2018 5.00 out of 5; Fall 2017 4.00 out of 5	
LING486/LING786: Syntax 1	Spring 2019
Introduction to generative syntax for undergraduate and graduate students. 27 students. Mean student rating of teaching: 5.00 out of 5	
LING886: Seminar in Syntax	Spring 2019
Seminar on syntax and psycholinguistics of negation. 4 students. Mean student rating of teaching: 4.50 out of 5	
LING522: Modern English Grammar	Spring 2018
English syntax for Master's students in the TESOL certificate program. 18 students. Mean student rating of teaching: 4.61 out of 5	

Department of Psychology, University of Illinois, Urbana-Champaign

PSYC216: Child Psychology , Instructor (co-taught with Kyong-sun Jin)	Summer 2013
PSYC363: Developmental Research Methods , Lab Instructor	Fall 2011
PSYC216: Child Psychology , Teaching Assistant	Fall 2010

Training Seminars

CV Workshop , How to Ling: Introductory talks in Linguistics, GMU	Spring 2020
Your first experiment , How to Ling: Introductory talks in Linguistics, GMU	Spring 2019
Eye-tracking Methods Training Seminar , Organizer and Instructor, Penn State	Fall 2015
Session 1: Hands-on introduction, Session 2: Experimental design and data analysis	

Guest Lectures

Child Language Acquisition , Guest Lecture	Fall 2020
LING306: Introduction to Linguistics, Instructor Sylvia Schreiner	
Preschoolers' acquisition of English subject-verb agreement , Guest Lecture	Spring 2019
PSYC615: Language Development, Instructor: Adam Winsler	
Acquisition of morphology , Guest Lecture	Fall 2018
LING686: Special Topics - Morphology, Instructor: Sylvia Schreiner	
Child language research , Guest Lecture	Spring 2016 & 2017
LING522: Proseminar in Professional Issues in Language Science, Instructor: Carrie Jackson	

Service

Curriculum and Program Development Coordinator	2019–present
Linguistics Program, George Mason University Lead curriculum design and revision efforts for both graduate and undergraduate program.	
Co-organizer, Linguistics Colloquium	2017–present
Linguistics Program, Department of English, George Mason University	
Conference Reviewing	2017–present
<i>Boston University Conference on Language Development</i> <i>Linguistic Society of America Annual Meeting</i>	
Ad Hoc Reviewing	2014–present
<i>Applied Psycholinguistics</i>	<i>Memory, and Cognition</i>
<i>Cognition</i>	<i>J. of Speech, Language, and Hearing Research</i>
<i>Frontiers in Psychology</i>	<i>Language Acquisition</i>
<i>Journal of Child Language</i>	<i>Language Learning and Development</i>
<i>Journal of Experimental Child Psychology</i>	<i>Linguistic Approaches to Bilingualism</i>
<i>Journal of Experimental Psychology: Learning,</i>	<i>NSF</i>
Judge, Postdoctoral Research Exhibition	2014, 2015
Office of Postdoctoral Affairs and Penn State Postdoc Society, Pennsylvania State University	
Co-organizer, Language Processing Brown Bag	2013–2014
NIH Language Processing Training Program, University of Illinois, Urbana-Champaign	

Outreach & Service to the Community

Judge, Fairfax County Regional Science and Engineering Fair	2019
Center for Language Science Language and Linguistics Day , for local high schoolers	2017
Penn State Exploration U , Hands-on language and cognitive science activities, all ages	2015
McKinley Presbyterian Church Summer Sunday School: Science and Math , ages 4-8	2014
UIUC Developmental Psychology Labs recruitment and outreach program	2008–2014
How can we find out what children know? Presentation, for a high school Statistics class	2010

Skills

Experimental Skills

General: Experimental design, Participant recruitment, Data collection, Data analysis, Communicating results.

Techniques: Eye-tracking (reading, visual world), Picture-choice, Elicitation, Head-turn Preference Procedure.

Analysis: Data visualization, Linear modeling,

Software

Stimulus creation: FinalCut (video), Photoshop, GIMP (still image), Praat (sound).

Stimulus presentation: Qualtrics, Amazon MT.

Data management and statistics: R (mixed-effects models, data visualization), SPSS, Microsoft Excel.

Languages

English (native), Italian (intermediate), Spanish (intermediate), Russian (intermediate), ASL (beginner), Arabic (beginner)