

Cynthia A. C. Lukyanenko

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Professional Appointments

Assistant Professor of Linguistics , George Mason University	Aug 2021–present
Term Assistant Professor of Linguistics , George Mason University	Jan 2019–Aug 2021
Adjunct Assistant Professor of Linguistics , George Mason University	Aug 2017–Dec 2018
Postdoctoral Scholar , Penn State University, 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

- Sandberg, C. W., Blanchette, F., & **Lukyanenko, C.** (2022). Comprehension of vernacular features in aphasia. *Journal of Speech, Language, and Hearing Research*.
- Lidz, J., **Lukyanenko, C.**, & Sutton, M. (2021). The hunt for structure-dependent interpretation: The case of Principle C. *Cognition*.
- 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*.
- 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*.
- 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*.
- Lukyanenko, C.**, Conroy, A., & Lidz, J. (2014). Is she patting Katie? Constraints on pronominal reference in 30-month-olds. *Language Learning and Development*.

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*.

- 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*.
- 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*.

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., & Miller, K. (November 2021).** Acquisition of stable variation: A corpus study of English subject-verb agreement. Paper presented at the 46nd Boston University Conference on Language Development.
- 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.** (April 2022). Keynote Speaker, Virginia Area Linguistics Conference. Department of Linguistics, College of William & Mary.
- Lukyanenko, C.** (March 2022). Agreement variation in child and caregiver English. Applied Developmental Psychology Colloquium, Department of Psychology, George Mason University.
- Blanchette, F., & **Lukyanenko, C.** (October 2021). What's in a grammar? Variation in American English negation. Sociolinguistics Lab Meeting. Linguistics Department, New York University.
- Lukyanenko, C.** (March 2021). There's things to learn: Acquiring variable English subject-verb agreement. Department of Linguistics, University of Toronto.
- Blanchette, F., Sandberg, C., & **Lukyanenko, C.** (March 2021). Acceptability and comprehension of a vernacular feature in aphasia. Center for Language Science, Pennsylvania State University.
- 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

Predocctoral 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
Provide hands-on experimental design and statistics mentorship for Linguistics PhD and MA students.	

Graduate Student Research Supervision

H. Aldakheelallah , committee chair	PhD expected 2023
“Use of morphophonological cues in noun processing: The case of the Arabic definite article”	
A. Alotaibi , committee chair	PhD expected 2024
“Second-language learners' identification of regional spoken Arabic varieties”	
M. Alrashed , committee member	PhD expected 2023
“Loanword adaptation and emphasis spread in Qassimi Arabic”	

Other 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 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	
R. Painter , “L2 Acquisition of Variable Clitic Placement”	2016–2017
PIRE undergraduate research project, Center for Language Science, Pennsylvania State University	

Laboratory Supervision

PI, Processing and Acquisition of Language @ Mason (PALM), George Mason University 2021–present

Establish laboratory systems and norms. Train and supervise graduate and undergraduate research assistants in data collection, coding and analysis.

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

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

Train and supervise 1-3 RAs per semester 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 Spoken; PennState).

Manager, Language Acquisition and Variation Laboratory, Penn State 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, University of Illinois 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

Certifications Earned

Online Course Development Fundamentals Summer 2020

7-week online course. Adapted in-person curriculum for engaging, accessible distance-learning.

Linguistics Program, George Mason University

LING 882: Seminar in First Language Acquisition Spring 2018, 2020, 2022

Spring 2022: Language Acquisition and Linguistic Variation

Spring 2020: Development of Processing

Spring 2018: Bilingual Child Language Acquisition.

LING 770: Research Methods Fall 2017, 2018, 2019, Spring 2021, 2022

Introduction to research methods and statistics for incoming PhD students.

LING 480: First Language Acquisition Fall 2017, 2018, 2019, 2020, 2021

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

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

LING 486: Syntax 1 Spring 2019, 2020, 2021

Introduction to generative syntax for undergraduate students.

LING 522: Modern English Grammar Spring 2018

English syntax for Master's students in the TESOL certificate program.

LING580: First Language Acquisition Fall 2017, 2018, 2019, 2020

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

LING786: Syntax 1 Spring 2019

Introduction to generative syntax for graduate students.

LING 886: Seminar in Syntax Spring 2019

Seminar on syntax and psycholinguistics of negation.

Department of Psychology, University of Illinois, Urbana-Champaign

PSYC 216: Child Psychology , Instructor (co-taught with Kyong-sun Jin)	Summer 2013
PSYC 363: Developmental Research Methods , Lab Instructor	Fall 2011
PSYC 216: Child Psychology , Teaching Assistant	Fall 2010

Training Seminars

Writing Conference Abstracts , How to Ling: Introductory talks in Linguistics, GMU	Spring 2021
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

LING 306: Introduction to Linguistics	Fall 2020
“Child language acquisition”, Instructor Sylvia Schreiner	
PSYC 615: Language Development	Spring 2019
“Preschoolers’ acquisition of English subject-verb agreement”, Instructor: Adam Winsler	
LING 686: Special Topics - Morphology	Fall 2018
“Acquisition of morphology”, Instructor: Sylvia Schreiner	
LING 522: Proseminar in Professional Issues in Language Science	Spring 2016 & 2017
“Child language research”, 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>	
<i>International Congress of Infant Studies, Communication Panel</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>Cognitive Processing</i>	<i>Language Acquisition</i>
<i>Frontiers in Psychology</i>	<i>Language Learning and Development</i>
<i>Journal of Child Language</i>	<i>Linguistic Approaches to Bilingualism</i>
<i>Journal of Experimental Child Psychology</i>	<i>NSF</i>
<i>Journal of Experimental Psychology: Learning,</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

Research

General: Experimental design, Recruitment, Data collection, Data analysis, Communication.

Techniques: Eye-tracking (reading, visual world), Elicitation, Survey measures, Corpus analysis.

Analysis: Data visualization, Descriptive statistics, Linear modeling, Non-parametric statistics.

Software

Statistical Analysis: R, SPSS

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

Stimulus presentation: Qualtrics, Amazon MT, Eyelink

Other: Microsoft Office, Google Suite, L^AT_EX, Blackboard

Languages

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