

**Nicole Burke**

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<https://nicoleburke.github.io/>

**Academic Positions**

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Postdoctoral Associate, Department of Psychology August 2021-present  
**New York University**, New York, NY

**Education**

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Ph.D. in Developmental Psychology 2021  
**University of Chicago**, Chicago, Illinois

Master of Arts in Psychology 2017  
**University of Chicago**, Chicago, Illinois

Bachelor of Arts in Psychology and Cognitive Science 2015  
Cognitive Science Department Honors  
**Northwestern University**, Evanston, Illinois

**Publications**

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**Burke, N., Brezack, N., & Woodward, A.** *The Child Social Network Questionnaire*. Manuscript under review.

**Burke, N., Brezack, N., Meyer, M., & Woodward, A.** *The impact of 3-year-old's social networks on perspective taking*. Manuscript under review. Pre-registered on AsPredicted.org.

**Burke, N., Keating, V., Hwang, H.G., & Woodward, A.** *Preschooler social networks and their effects on social bias*. Manuscript in preparation. Pre-registered on AsPredicted.org.

**Burke, N. & Woodward, A.** *The Cognitive Value of Social Relationships: An argument for Social Network Theory*. Manuscript in preparation.

**Skills**

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Computer

Expert in R, Tobii Eyetracking System, Github  
Familiar with Python

R packages

**SocialNetworkSurvey**: R package to extract and compute network descriptives for the Social Network Survey: <https://github.com/nicoleburke/Social-Network-Survey>

**aoianalysis:** R package that contains simple functions for aoi analysis on eyetracking data: <https://github.com/nicoleburke/aoianalysis>

Languages

Conversant in Spanish and American Sign Language

## **Fellowships, Grants, and Awards**

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Norman Anderson Travel Grant for SRCD in Baltimore	2019
Psychology Graduate Student Organization Travel Award	2018
Norman Anderson Travel Grant for ICIS in Philadelphia	2018
Cognitive Development Society Diversity Travel Award	2017
First-generation college student	
Norman Anderson Travel Grant for SRCD in Austin	2017
Norman Anderson Travel Grant for ICIS in New Orleans	2016
Center for Gesture, Sign, and Language Research Grant at the University of Chicago	2016
“The effect of language experience on visual attention patterns of language and gesture”	
Summer Internship Grant Program Fellow at Northwestern University (\$2,500)	2014
Summer Undergraduate Research Grant at Northwestern University (\$3,000)	2013
Cognitive Science Fellowship at Northwestern University (\$3,000)	2012

## **Invited Presentations**

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**Burke, N. & Woodward, A. (2021, April).** *Associations between preschooler’s social networks and children’s racial friendship choices.* Virtual talk presented at the Social Area Lunch and Discussion at the University of Wisconsin-Madison, Madison, WI.

**Burke, N. & Woodward, A. (2019, December).** *The Impact of 3-year-old’s Social Networks on Perspective Taking.* Talk presented at The Baby BRAIN Group at Radboud University, Nijmegen, The Netherlands.

**Burke, N. & Woodward, A. (2019, November).** *The Cognitive Value of Social Relationships: An argument for Social Network Theory.* Talk presented at Developmental Brown Bag at the University of Chicago Psychology Department, Chicago, IL.

**Burke, N. & Woodward, A. (2019, April).** *The Impact of 3-year-old’s Social Networks on Perspective Taking.* Talk presented at The Project on Development Lab Meeting at Northwestern University, Evanston, IL.

**Burke, N. & Woodward, A. (2019, April).** *The Impact of 3-year-old’s Social Networks on Perspective Taking.* Talk presented at the Development Brown Bag at the University of Illinois Urbana-Champaign Psychology Department, Urbana-Champaign, IL.

**Burke, N. & Woodward, A. (2018, October).** *Social Networks in Infants and Children.* Talk presented at the Cognition Workshop at the University of Chicago Psychology Department, Chicago, IL.

**Burke, N., Woodward, A., & Shneidman, L. (2017, February).** *Word learning in Yucatec Mayan*

*and US Infants*. Talk presented at the Social Cognitive Development Lab at UC Santa Barbara, Santa Barbara, CA.

Lu, J. & **Burke, N.** (2017, February). *The effect of language experience on adult's attention to gesture*. Talk presented at Developmental Brown Bag at the University of Chicago Psychology Department, Chicago, IL.

## Conference Presentations and Posters

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\*Master, undergraduate, or honors thesis student I mentored

**Burke, N.**, \*Thinakaran, A., & Woodward, A. (April, 2021). *Children's changing worlds social networks during COVID-19*. Poster presented at the virtual Biennial Meeting of the Society for Research in Child Development.

**Burke, N.**, Lee, J., Hwang, G.H., & Woodward, A. (July, 2020). *Infant social networks and children's rapidly changing social worlds*. Poster presented at the Virtual International Congress of Infant Studies.

**Burke, N.**, Hwang, H. G., & Woodward, A., (October, 2019). *Social networks and neighborhood demographics: Different dimensions of diversity in children's early social experience*. Poster presented at the Cognitive Development Society, Louisville, KY.

Brezack, N., Meyer, M., **Burke, N.**, & Woodward, A. (October, 2019). *Socio-cognitive and environmental processes involved in perspective-taking development in young children*. Poster presented at the Cognitive Development Society, Louisville, KY.

Fulcher, T., Koster, M., **Burke, N.**, & Woodward, A. (October, 2019). *18-month-olds understand others' needs*. Poster presented at the Cognitive Development Society, Louisville, KY.

**Burke, N.**, Brezack, N., Meyer, M., & Woodward, A. (March, 2019). *The impact of 3-year-old's social networks on perspective taking*. Poster presented at the Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.

Shneidman, L., **Burke, N.**, & Woodward, A. (March, 2019). *Visual Attention to child-directed and observational contexts in US and Yucatec Mayan households*. Symposium paper presented at the Biennial Meeting of the Society for Research in Child Development, Baltimore, MD.

Lu, J., **Burke, N.**, Goldin-Meadow, S., & Woodward, A. (2018, July). *Sign language experience affects comprehension and attention to gesture*. Poster presented at the Cognitive Science Society, Madison, WI.

Yurovsky, D., Meyers, M., **Burke, N.**, & Goldin-Meadow, S. (2018, July). *Children gesture when speech is slow to come*. Poster presented at the Cognitive Science Society, Madison, WI.

**Burke, N.**, Brezack, N., & Woodward, A. (2018, July). *The Infant Social Relationship*

*Questionnaire*. Poster presented at the International Congress of Infant Studies, Philadelphia, PA.

Lu, J., **Burke, N.**, Woodward, A., & Goldin-Meadow, S. (2018, July). *Sign language experience affects comprehension and attention to co-speech gesture*. Parallel talk presented at the International Society for Gesture Studies, Cape Town, South Africa.

**Burke, N.** & Woodward, A. (2018, June). *Exploring Complexity in Infant Social Relationships*. Talk presented at the Second Annual Development of Social Cognition Meeting at the University of Chicago, Chicago, IL.

\*Basargekar, A., **Burke, N.**, Shneidman, L., & Woodward, A. (2018, May). *A cross-cultural investigation of Yucatec Mayan and US infants' object exploration in the contexts of collaborative and independent action*. Poster to be presented at the Jean Piaget Society, Amsterdam, Netherlands.

**Burke, N.**, \*Dolan, M., Shneidman, L., & Woodward, A. (2017, October). *The role of attention in learning from overheard conversations: Individual and cultural variation in 18-month-old infants*. Poster presented at the Cognitive Development Society, Portland, OR.

\*Basargekar, A., **Burke, N.**, Shneidman, L., & Woodward, A. (2017, October). *Yucatec Mayan infants' spontaneous exploration of objects: Alone and with others*. Poster presented at the Cognitive Development Society, Portland, OR.

Yurovksy, D., **Burke, N.**, Woodward, A., & Goldin-Meadow, S. (2017, October). *Children gesture when words are slow to come*. Symposium talk presented at the Cognitive Development Society, Portland, OR.

**Burke, N.** & Woodward, A. (2017, June). *Variations in Social Experience and Learning*. Talk presented at the First Annual Development of Social Cognition Meeting at the University of Chicago, Chicago, IL.

**Burke, N.**, Woodward, A., & Shneidman, L. (2017, April). *Word learning in Yucatec Mayan and US Infants*. Symposium paper presented at the Biennial Meeting of the Society for Research in Child Development, Austin, TX.

Shneidman, L., **Burke, N.**, \*Joyce, E., & Woodward, A. (2017, April). *Self-directed opportunities for learning: an observational study of Yucatec Mayan and US Children*. Poster presented at the Society for Research in Child Development, Austin, TX.

Yurovsky, D., **Burke, N.**, Woodward, A.L., & Goldin-Meadow, S. (2016, November). *Children's gestures provide a continuous signal of word knowledge*. Poster presented at the Boston University Conference on Language Development, Boston, MA.

\*Joyce, E., **Burke, N.**, Shneidman, L., & Woodward, A.L. (2016, May). *Child-directed interactions and the effects on object-action learning: An observational study of US and Mayan children*. Poster presented at the International Congress of Infant Studies, New Orleans, LA.

## **Mentoring**

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Adelle Durrell, Quest+ Scholar at UChicago Mentorship program for low-income and first-generation college students	2020-2021
Victoria Keating, B.A. honors thesis Doctoral student at University of California, Berkeley	2019-2020
Abha Basargekar, M.A. thesis Doctoral student at University of Virginia	2016-2017
Lyzz Joyce, B.A. honors thesis Admissions and College Enrollment Specialist	2015-2017
Professional Development Workshops for Woodward RAs	Summer 2016-Summer 2019

## **Teaching**

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Teaching Assistant, <b>Mathematics for Social Sciences</b> Two week accelerated course for incoming graduate students	Summer 2020
Teaching Assistant (Section Leader), <b>Psychology of Decision Making</b>	Fall 2017, Fall 2019
Teaching Assistant (Section Leader), <b>Introduction to Developmental Psychology</b> Guest Lecture: Theories of Cognitive Development	Spring 2019
Teaching Assistant, <b>Introduction to Language Development</b> Guest Lecture: Vary Language Learning by the Environment	Winter 2019
Teaching Assistant, <b>Psychology of Negotiation</b>	Winter 2018

## **Professional Societies**

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### Member

International Congress of Infant Studies, Society for Research in Child Development, Cognitive Development Society, Association for Psychological Science, R-ladies Chicago

### Service

Dean's Advisory Council (2018-2021), Psychology Graduate Student Organization Treasurer (2018-2019), Psychology Graduate Student Organization (2015-2021), Psychology Graduate Student Union Informant (Spring 2016-Spring 2017), Graduate Student Mentor (2016-2017), Graduate Student Recruitment Weekend Host (2016-2018)

## **Community Outreach**

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Teen Science Research and Communication Program at Museum of Science Boston Invited research presentation for high school interns	May 2021
Package Development Workshop by R-Ladies Chicago Volunteered as an assistant to the workshop to help participants with their code	February 2019

Girls on the Run, Volunteer at 5k Volunteered to help the 5k Race at the end of each season	2017-2018
Expanding Your Horizons Chicago, Group Leader Volunteered to lead middle school girls in STEM workshops	February 2017
Girls on the Run, Head Coach	Fall 2016
Book Buddies for Head Start Evanston	Spring 2014

## References

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### **Amanda Woodward**

Dean of the Division of the Social Sciences  
William S. Gray Professor of Psychology  
University of Chicago  
Department of Psychology  
[woodward@uchicago.edu](mailto:woodward@uchicago.edu)

### **Susan Goldin-Meadow**

Beardsley Ruml Distinguished Service Professor  
University of Chicago  
Department of Psychology, Department of Comparative Human Development  
Committee on Education  
[sgm@uchicago.edu](mailto:sgm@uchicago.edu)

### **Alex Shaw**

Associate Professor  
University of Chicago  
Department of Psychology  
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### **Marjorie Rhodes**

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