

Nathan R. George, Ph.D.

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Employment

Assistant Professor of Psychology, 2016-present
Derner School of Psychology, Adelphi University
PIRE Postdoctoral Scholar, 2014-2016
Center for Language Science, Penn State University

Education

Temple University, Ph.D., 2014
Developmental Psychology
Dissertation: *The force of language: How children acquire the semantic categories of force dynamics*
Advisor: Dr. Kathy Hirsh-Pasek
Committee Members: Dr. Roberta Michnick Golinkoff, Dr. Peter Marshall,
Dr. Nora Newcombe, Dr. Thomas Shipley, Dr. Phillip Wolff
Lehigh University, B.S., 2008
Psychology
Thesis: *Relating temperament and parenting to children's representations of relationships*
Advisor: Dr. Deborah Laible

Publications

- George, N. R.**, Bulgarelli, F., Roe, M., & Weiss, D. (2019). Stacking the evidence: Parents' use of acoustic packaging with preschoolers. *Cognition*, 191.
- George, N. R.**, Göksun, T., Hirsh-Pasek, K., & Golinkoff, R. M. (2019). Any way the wind blows: Children's inferences about force and motion events. *Journal of Experimental Child Psychology*, 177, 119-131.
- Harris, J., **George, N. R.**, Hirsh-Pasek, K., & Newcombe, N. (2018). Where will it go? How children and adults reason about force and motion. *Cognitive Development*, 45, 113-124.
- George, N. R.**, Kanero, J., Chwilla, D., & Weiss, D. (2016). Are we ON the same page? Monolingual and bilingual acquisition of familiar and novel relational language. In A. Papafragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 111-116). Austin, TX: Cognitive Science Society.

- George, N. R.**, Göksun, T., Hirsh-Pasek, K. & Golinkoff, R. M. (2014). Carving the world for language: How neuroscientific research can enrich the study of first and second language learning. *Developmental Neuropsychology*, 39(4), 262-284.
- George, N. R.**, Konishi, H., Hirsh-Pasek, K., & Golinkoff, R. M. (2014). Event perception and language development. In P. Brooks, V. Kempe, & J. G. Golson (Eds.), *Encyclopedia of language development* (pp 199-204). Thousand Oaks, CA: Sage.
- Göksun, T., **George, N. R.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2013). Forces and motion: How young children understand causal events. *Child Development*, 84(4), 1285-1295.

Publications in Preparation/Under Review *Undergraduate Student **Masters Student

- George, N. R.**, Bulgarelli, F., Miller, C. T.*, & Weiss, D. (under review). *Acoustic packing in adult-directed speech? Bottom-up cues to event boundaries persist across the lifespan*
- George, N. R.**, Hirsh-Pasek, K., & Golinkoff, R. M. (in preparation). *Force dynamics: A semantic window into event hierarchies.*
- George, N. R.**, Göksun, T., Hirsh-Pasek, K., & Golinkoff, R. M. (in preparation). *One force, two force, red force, blue force: Force dynamics in early childhood.*
- Matthews, S.**, Jirout, J., & **George, N. R.** (in preparation). *A book by any other name: Parent's views of traditional books and books with electronic elements.*
- Ciaccio, S.*, Berry, L.*, Weiss, D. & **George, N. R.** (in preparation). *A new path to verb learning? Effect of lexicalization biases on cross-situational verb learning.*

Presentations *Undergraduate Student **Masters Student

- Özdemir, S. C., Demir, E., **George, N. R.**, & Göksun, T. (2022, January). *Combining Forces for Causal Reasoning*. Oral presentation at 12th annual Budapest Conference on Cognitive Development, Budapest, Hungary.
- Gaeta, A.* & **George, N. R.** (2021, April). *Bilingualism, Argumentative Writing, and Perspective Taking*. Poster presented at the 2021 Adelphi University Scholarship and Creative Works Conference. <https://www.adelphi.edu/research/conference/>
- Mouras, A.* & **George, N. R.** (2021, April). *A Crime to Be Bilingual? Jury Perception of Non-Native Language in Testimonies*. Poster presented at the 2021 Adelphi University Scholarship and Creative Works Conference. <https://www.adelphi.edu/research/conference/>
- Gaeta, A.* & **George, N. R.** (2021, April). *Bilingualism, Argumentative Writing, and Perspective Taking*. Poster presented at the 2021 National Conferences on Undergraduate Research. <https://www.cur.org/what/events/students/ncur/2021/>
- Mouras, A.* & **George, N. R.** (2021, April). *A Crime to Be Bilingual? Jury Perception of Non-Native Language in Testimonies*. Poster presented at the 2021 National Conferences on Undergraduate Research. <https://www.cur.org/what/events/students/ncur/2021/>
- Ciaccio, S.* & **George, N. R.** (2020, April). *A Path to Verb Learning: Cross Situational Statistical Learning of Novel Verbs*. Poster presented at the 2020 Adelphi University Research Conference, Garden City, NY. (conference cancelled)
- Hunt, N.* & **George, N. R.** (2020, April). *The Effect of Spanish College Coursework on the Learning of New Verbs*. Poster presented at the 2020 Adelphi University Research Conference, Garden City, NY. (conference cancelled)

- Keogh, J.* & **George, N. R.** (2020, April). *Oh, The Places We'll Talk: Parents' Opinions of Language Learning Environments*. Oral presentation at the 2020 Adelphi University Research Conference, Garden City, NY. (conference cancelled)
- Penzzi, O.* & **George, N. R.** (2020, April). *Evaluating Teachers' Opinions on Technology in the Classroom*. Poster presented at the 2020 Adelphi University Research Conference, Garden City, NY. (conference cancelled)
- Keogh, J.* & **George, N. R.** (2020, March). *Parental perceptions of factors that promote children's language development*. Poster to be presented at the 2020 National Conferences on Undergraduate Research, Bozeman, MT. (conference cancelled)
- Penzzi, O.* & **George, N. R.** (2020, March). *Evaluating preservice and inservice teachers' opinions regarding technology*. Poster to be presented at the 2020 National Conferences on Undergraduate Research, Bozeman, MT. (conference cancelled)
- Ciaccio, S.* & **George, N. R.** (2019, November). *Cross-situational word learning in adults: A comparison of path & manner verbs*. Poster presented at the 2019 ASHA Annual Convention, Orlando, FL.
- Meyers, S.* & **George, N. R.** (2019, April). *False memories and the misinformation effect: Impacts on classroom learning*. Poster presented at the 2019 Adelphi University Research Conference, Garden City, NY.
- Riches, T.* & **George, N. R.** (2019, April). *Bilinguals and language processing*. Poster presented at the 2019 Adelphi University Research Conference, Garden City, NY.
- Li, A.** & **George, N. R.** (2019, April). *Effects of language use on bilinguals' attention to events*. Poster presented at the 2019 Adelphi University Research Conference, Garden City, NY.
- Meyers, S.* & **George, N. R.** (2019, April). *False memories and the misinformation effect: Impacts on classroom learning*. Poster presented at the 2019 National Conference on Undergraduate Research, Atlanta, GA.
- Riches, T.* & **George, N. R.** (2019, April). *Bilinguals and language processing*. Poster presented at the 2019 National Conference on Undergraduate Research, Atlanta, GA.
- Matthews, S.** & **George, N. R.** (2019, March). *What's in a book? Parents' views of traditional books vs. books with electronic elements*. Poster presented at the 2019 Society for Research in Child Development Biennial Meeting, Baltimore, MD.
- Carrera, M.** & **George, N. R.** (2018, April). *The mind-muscle connection: The role of attention in weight training*. Paper presented at the 2018 Adelphi University Research Conference, Garden City, NY.
- Fan, Y.** & **George, N. R.** (2018, April). *The roles of engagement and practical application in language instruction*. Poster presented at the 2018 Adelphi University Research Conference, Garden City, NY.
- Matthews, S.** & **George, N. R.** (2018, April). *What's a book? Parents' views on traditional books vs. books with electronic elements*. Poster presented at the 2018 Adelphi University Research Conference, Garden City, NY.
- Pena-Ortiz, H.* & **George, N. R.** (2018, April). *Perceptions of bilingual assessment*. Poster presented at the 2018 Adelphi University Research Conference, Garden City, NY.
- Pena-Ortiz, H.* & **George, N. R.** (2018, March). *Perceptions of bilingual assessment*. Poster presented at the 2018 National Conference on Undergraduate Research, Oklahoma City, OK.
- Bulgarelli, F., **George, N. R.**, Roe, M., & Weiss, D. (2017, November). *Bottom-up cues to event segmentation: The use of audiovisual synchrony in speech to preschoolers*. Paper presented at the 41st Boston University Conference on Language Development, Boston, MA.

- George, N. R.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2017, July). Building a better event: How language highlights force dynamics. In M. Imai (chair) *Multiple perspectives on mechanisms of lexical acquisition*. The 14th International Congress for the Study of Child Language, Lyon, France.
- Bulgarelli, F., **George, N. R.**, & Weiss, D. (2017, April). Stacking evidence: Parents' use of acoustic packaging continues into the preschool years. Paper presented in **N. R. George** (chair) *Playing with words: How parents highlight event structure through language and gesture*. The 2017 Society for Research in Child Development Biennial Meeting, Austin, TX.
- George, N. R.**, Bulgarelli, F., Theoret, C.,* & Weiss, D. (2016, November). *Dancing with words: The acoustic packaging of events in adult-directed speech*. Poster presented at the 57th Annual Meeting of the Psychonomic Society, Boston, MA.
- Göksun, T., **George, N. R.**, Kartalkanat, H., Uzundag, B., & Turan, E. (2016, November). *Expressions of complex causal relations in speech and gesture*. Poster presented at the 41st Boston University Conference on Language Development, Boston, MA.
- George, N. R.**, Kanero, J., Chwilla, D., & Weiss, D. (2016, August). *Are we ON the same page? Monolingual and bilingual acquisition of familiar and novel relational language* Poster presented at the 38th Annual Meeting of the Cognitive Science Society, Philadelphia, PA.
- Theoret, C.,* Bulgarelli, F., **George, N. R.**, & Weiss, D. (2016, April). *What to Say about Ballet? How the Timing of Language can be Instructive*. Poster presented at the 2016 Undergraduate Exhibition at Penn State University, State College, PA.
- George, N. R.** & Weiss, D. J. (2015, November). *Getting ON the same page: Acquisition of containment and support relations in second language learning*. Poster presented at the Learning Sciences/Science of Learning Poster Conference, University Park, PA.
- George, N. R.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2015, March). *The force of language: How children acquire the semantic categories of force dynamics*. Paper presented in T. Göksun (chair) Who Done It?: Processing Causal Events for Language. The 2015 Society for Research in Child Development Biennial Meeting, Philadelphia, PA.
- George, N. R.** (2014, May). *The force of language: How children acquire the semantic categories of force dynamics*. Temple University Linguistics Conference, Philadelphia, PA.
- George, N. R.**, Göksun, T., Hirsh-Pasek, K., & Golinkoff, R. M. (2013, April). *Any way the wind blows: Children's inferences about force dynamics events*. Poster presented at the 2013 Society for Research in Child Development Biennial Meeting, Seattle, WA.
- Harris, J., **George, N. R.**, Newcombe, N., & Hirsh-Pasek, K. (2013, April). *The mystery of misconceptions: Exploring how understanding of multiple components of motion develops*. Poster presented at the 2013 Society for Research in Child Development Biennial Meeting, Seattle, WA.
- George, N. R.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2013, February). *Why the push: Preschoolers' categories of cause, enable, prevent, and despite*. Poster presented at the Inter-Science of Learning Center Student and Post-Doc Conference, Philadelphia, PA.
- George, N. R.**, Göksun, T., Hirsh-Pasek, K., & Golinkoff, R. M. (2012, June). *Forcing the issue: Testing force dynamics theory in early childhood*. Poster presented at the XVIIIth International Conference on Infant Studies, Minneapolis, MN.
- George, N. R.**, Göksun, T., Hirsh-Pasek, K., & Golinkoff, R. M. (2011, March). *Children's use of causal verbs*. Poster presented at the Inter-Science of Learning Center Student and Post-Doc Conference, Washington, DC.

- Richie, R., Roseberry, S., **George, N. R.**, Hirsh-Pasek, K. & Golinkoff, R. M. (2011, March). *Dynamic event segmentation and verb learning: Pilot work*. Poster presented at the Inter-Science of Learning Center Student and Post-Doc Conference, Washington, DC.
- Göksun, T., Ferrara, K., Winslow, C., **George, N. R.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2010, March). *Forces and motion: How young children understand causal events*. Poster presented at the XVIIth International Conference on Infant Studies, Baltimore, MD.
- Göksun, T., Tynan, E., Roseberry, S., **George, N. R.**, Ferrara, K., Stahl, A., Hirsh-Pasek, K., & Golinkoff, R. M. (2010, March). *A new angle to infant causality*. Poster presented at the XVIIth International Conference on Infant Studies, Baltimore, MD.
- Laible, D., Eye, J., Panfile, T., & **George, N. R.** (2009, April). *Children's representations of relationships: Links with temperament, parenting, and maternal representations of relationships*. Poster presented at the 2009 Society for Research in Child Development Biennial Meeting, Denver, CO.

Invited Talks

Max Planck Institute for Psycholinguistics, June, 2015

“The challenges of relational language for first and second language learners”

Language Division, Donders Centre for Cognition, Radboud University, May, 2015

“The challenges of relational language for first and second language learners”

Spatial Intelligence and Learning Center, Northwestern University, February 2013

“Force dynamics in event perception: Where language and spatial thinking meet”

Honors and Awards

Teaching Fellow, Adelphi University, 2019-2020

Professor of the Year, Adelphi University Psychology Club, 2017, 2018

Grants

Ronald McDonald House Grant, Ronald McDonald House Charities NY, 2020 (not funded)

Co-PIs: Nathan George and Christina Marini, Adelphi University

Title: ““Zooming In: An Examination of the Daily Lives of Ronald McDonald House Families to Promote Individual and Familial Resilience”

Requested Amount: \$13,270

Academic Research Enhancement Award (R15) Grant, NIH, 2018 (not funded)

Co-PIs: Nathan George, Adelphi University and Sarah Grey, Fordham University

Title: “Lexicalization in second language learning: An ERP and eye-tracking approach to understanding the time-course of thinking for speaking”

Requested Amount: \$231,975

Faculty Development Grant, Adelphi University, 2017 (fully funded)

PI: Nathan George, Adelphi University

Title: “Let’s Talk Physics: How Language Influences Our Understanding of Force and Motion”

Funded Amount: \$5,000

Memberships and Affiliations

Cognitive Development Society, 2017-present

International Congress of Infant Studies, 2018-present

Society for Research in Child Development, 2017-present

Center for Language Science (CLS) at Penn State University, 2014-2016

Spatial Intelligence and Learning Center (SILC) at Temple University, 2009-2014

Teaching Experience

Best Teachers Summer Institute, Summer 2017

Teaching in Higher Education Certificate, January 2013

Adelphi University

Cognitive Psychology, *Spring 2017-Fall 2021*

Developmental Psychology, *Fall 2016-Fall 2021*

Advanced Topics in Developmental Psychology, *Spring 2019-Spring 2021*

Psychology of Perception, *Fall 2018-Fall 2019*

Psychology of Perception, *Fall 2018-Fall 2019*

Penn State University

Cognitive Psychology, *Spring 2016*

Temple University

Scientific Thinking, *Summer 2012, Summer 2013*

Service

Adelphi University

Member, Scholarship and Creative Works Conference Committee, Spring 2019-present

Co-Chair Fall 2019-Spring 2021

Organize and execute vision for annual research conference (speakers, abstracts, etc.)

Faculty Advisor, Psi Chi Chapter, Fall 2016-Spring 2019

Oversaw student advisory board, scholarly events, and yearly induction of new members

Committees

Undergraduate Psychology Assessment Committee, *Spring 2020-Fall 2020*

Emerging Scholars Committee, *Fall 2018-present*

Neuroscience Committee, Adelphi University, *Fall 2016-present*

STEP Committee, Adelphi University, *Fall 2016-present*

Undergraduate Curriculum Committee, *Fall 2016-present*

Faculty Senate Committee on Academic Affairs, *Fall 2018-Spring 2019*

Faculty Hiring Committee, *Fall 2018-2019; 2020-2021*

Community

Annual Tri-County Science & Technology Fair Judge, 2020, 2021

Bilingualism Matters at Penn State University Fall 2014-Summer 2016

Assisted with outreach centered on dissemination of bilingualism research to community

Professional

Ad-hoc Reviewer

Conferences: Society for Research in Child Development Biennial Meeting (2019); Adelphi University Research Conference (2017-2018); Events in Language and Cognition Workshop (2016)

Journals: Child Development, Cognitive Research: Principles and Implications, Developmental Science, European Journal of Developmental Psychology, Applied Psycholinguistics

Additional Experience

Temple University

Research Assistantship, 2012-2014

Spatial Intelligence and Learning Center

Topic: Representations of Force and Motion in Language and Space

Research Assistantship, 2011-2012

Temple University Infant and Child Lab

Topic: Representations of Force and Motion in Language

Research Assistantship, 2009-2010

Temple University Infant and Child Lab

Topic: Spatial-Temporal Processing and Social Cognition: Contributions to Language Development in Children with Autism

Johns Hopkins University

Research Internship, Summer 2007

Laboratory for Child Development

Topic: Numerical Discrimination in Infancy

Graduate Theses Chaired

Doctoral Students

- Jessica Gruenstein, *Fall 2020-present*
 Clinical Psychology, Thesis TBD
- Simone Allen, *Spring 2021-present*
 School Psychology, Thesis TBD

Masters Students

- Kendrick Daley, *Fall 2020-Spring 2021*
 Thesis: Cognition, motivation, and video gaming: A new approach to the cognitive functions of gamers
- Tori DiTroia, *Fall 2020-Spring 2021*
 Thesis: Transition to online education during the COVID-19 pandemic for parents and children
- Alex Li, *Fall 2018-Spring 2019*
 Thesis: Event representations in Chinese-English bilinguals
- Michael Carrera, *Summer 2017-Spring 2018*
 Thesis: The mind-muscle connection: The role of attention in weight training
- Yahan Fan, *Fall 2017-Spring 2018*
 Thesis: The roles of engagement and practical application in language instruction
- Shoronda Matthews, *Summer 2017-Spring 2018*
 Thesis: What's A book? Parents' views on traditional books vs. books with electronic elements

Undergraduate Students Mentored

Emerging Scholars

- Emily Wasnieski, *Fall 2021-present*
- Jennifer Williams, *Fall 2021-present*
- Avery Gaeta, *Fall 2020-Spring 2021*
- Anna Mouras, *Fall 2020-Spring 2021*
- Jennifer Keogh, *Fall 2019-Spring 2020*
- Oscar Penzzi, *Fall 2019-Spring 2020*
- Taylor Riches, *Fall 2018-Spring 2019*
- Sophie Meyers, *Fall 2018-Spring 2019*
- Heidi Pena-Ortiz, *Fall 2017-Spring 2018*

Honors Students

- Emily Wasnieski, *Fall 2021-present*
- Jennifer Williams, *Fall 2021-present*
- Avery Gaeta, *Fall 2020-Spring 2021*
- Caitlin Cronin, *Fall 2018-Spring 2019*
- Sophie Meyers, *Fall 2018-Spring 2019*

Other Lab Members

- Izabelle Pinzon, *Summer 2021-present*
- Lucia Berry, *Spring 2020-present*
- Anjana Menghrajani, *Spring 2020-present*
- Sabina Ciaccio, *Fall 2018-Spring 2020*
- Alecia Barton, *Fall 2018-Spring 2020*
- Najee Hunt, *Summer 2017-Spring 2020*
- Anastasia Dakis, *Spring 2019*
- Jessica Grunwald, *Fall 2018-Spring 2019*
- Joanna Troyanos, *Fall 2017-Spring 2019*
- Alaina Merendino, *Summer 2018*
- Danielle D'angelo, *Fall 2017*
- Caitlin McDonagh, *Fall 2017*
- Erin Marie Tyler, *Fall 2016-Fall 2017*
- Lauren Pucci, *Fall 2016-Summer 2017*