Katherine Simeon

EDUCATION

Northwestern University, Evanston, Illinois, USA

Ph.D. in Communication Sciences & Disorders *Expected 2020*
- Specialization in Cognitive Science
- Teaching Certificate

M.A. in Communication Sciences & Disorders (Non-Clinical) 2017

Johns Hopkins University, Baltimore, Maryland, USA

B.A. in Cognitive Science 2013
- Concentrations in Linguistics & Cognitive Neuropsychology

PUBLICATIONS

Simeon, K.M, Bicknell, K., and Grieco-Calub, T.M. (2018). .Belief shift or only facilitation: how semantic expectancy affects processing of speech degraded by background noise. *Frontiers in Psychology*, vol. 9 no. 116.

Grieco-Calub, T.M., Simeon, K.M., Snyder, H.E. and Lew-Williams, C. (2017). Word segmentation from noise-band vocoded speech. *Language, Cognition and Neuroscience*, vol. 32, no. 10, pp. 1344–1356.

CONFERENCE PRESENTATIONS

Grieco-Calub, T.M., Simeon, K.M., and McMurray, B. *Audiovisual speech speeds lexical access in children with cochlear implants*. Poster presented at the 46th Annual Scientific and Technology Conference of the American Auditory Society, Scottsdale, AZ, Mar 2019.

Simeon, K.M., Birger, S., and Grieco-Calub, T.M. *Utilizing phonological cues during spoken word recognition in children with cochlear implants*. Poster presented at the 93rd Annual Meeting of the Linguistic Society of America, New York, NY, Jan 2019.

Simeon, K.M., Schramm, K., Gordon, K., and Grieco-Calub, T.M. *Quantifying expressive word learning in the presence of background speech*. Poster presented at the 176th Meeting of the Acoustical Society of America, Victoria, BC, Nov 2018.

Grieco-Calub, T.M., Simeon, K.M., and Birger, S. *Children's real-time spoken language processing in the presence of background speech*. Invited podium presentation at the 176th Meeting of the Acoustical Society of America, Victoria, BC, Nov 2018.

Simeon, K.M. and Grieco-Calub, T.M. *Effects of speech competitors on encoding features of novel word-object pairs*. Poster presented at the 175th Meeting of the Acoustical Society of America, Minneapolis, MN, May 2018.

Grieco-Calub, T.M., Simeon, K.M., Le, N., and Bicknell, K. *Role of semantic expectancy during online processing of degraded speech*. Poster presented at the 45th Annual Scientific and Technology Conference of the American Auditory Society, Scottsdale, AZ, Mar 2018.

Simeon, K.M., Bicknell, K., and Grieco-Calub, T.M. *The effect of hearing acuity on using semantic expectancy in degraded speech*. Poster presented at the 173rd Meeting of the Acoustical Society of America, Boston, MA, Jun 2017.

Grieco-Calub, T.M., Fang, T., and Simeon, K.M.. *Novel word learning in the presence of speech competitors is influenced by preschool children's executive function*. Poster presented at the 173rd Meeting of the Acoustical Society of America, Boston, MA, Jun 2017.

Simeon, K.M., Bicknell, K., and Grieco-Calub, T.M. *Great Expectations: weighting expectancy when processing degraded speech*. Talk at the 91st Annual Meeting of the Linguistic Society of America, Austin, TX, Jan 2017.

Simeon, K.M., Snyder, H.E., Lew-Williams, C., and Grieco-Calub, T.M. *Temporal information facilitates statistical learning of spectrally degraded speech*. Talk at the 90th Annual Meeting of the Linguistic Society of America, Washington, DC, Jan 2016.

Simeon, K.M., Snyder, H.E., Lew-Williams, C., and Grieco-Calub, T.M. *The effect of isolating words on segmenting noise-band vocoded speech*. Poster presented at the 68th Linguistic Society of America Linguistics Institute, Chicago, IL, Jul 2015.

Atkinson, E., <u>Simeon, K.</u>, and Omaki, A. *The time course of the filler-gap dependency in the developing parser*. Poster presented at the 26th Annual CUNY Conference on Human Sentence Processing, Columbia, SC, Mar 2013.

AWARDS & HONORS	**FELLOWSHIPS**	
	NIH NIDCD National Research Service Award (F31DC017878)	2019 – 2021
	Advanced Cognitive Science Fellowship, Northwestern University	2016 – 2017
	Language & Cognition Fellowship, Northwestern University	2014 – 2015
	OTHER AWARDS	
	RStudio Conference Diversity Scholarship, RStudio	2019
	Cognitive Science Travel Grant, Northwestern University	2019
	Ann and Paul Arenberg Travel Award, Northwestern Knowles Hearing Center	2017
	Advocating for Science Travel Scholarship, The Future of Research	2016
	Conference Travel Grant, Northwestern University	2016, 2018
	Dean's List, Johns Hopkins University	2012, 2013

EMPLOYMENT	**AT NORTHWESTERN**	
	Searle Center for the Advancement of Teaching & Learning	
	Teaching Consultant, Faculty Initiatives	2018 – Present
	Academic Support & Learning Advancement	
	Research & Evaluation Data Manager	2016 – Present
	Hearing & Language Lab	
	Graduate Student Researcher	2014 – Present
	OTHER EMPLOYMENT	
	Language & Hearing Research Laboratory, New York Eye & Ear Infirmary, Research Assistant, Otolaryngology (PI: Richard Schwartz)	2014
	Laboratory for Computational Audio Perception, Johns Hopkins University, Research Assistant, Electrical & Computer Engineering (PI: Mounya Elhilali)	2012 – 2013
	Language Processing & Development Lab, Johns Hopkins University, Research Assistant, Cognitive Science (PI: Akira Omaki)	2012 – 2013

TEACHING EXPERIENCE	**AT NORTHWESTERN**	
	Searle Center for the Advancement of Teaching & Learning	
	Graduate Teaching Mentor Teaching Certificate Program	2018 – 2019
	Workshop Leader *Led workshops on:*	2016 – 2018

- SMART Teaching Practices in Language, Speech, & Hearing Sciences
- Communication Strategies for the Multilingual Classroom
- Facilitating Learning with Small Group Work
- Promoting Active Learning in STEM: Strategies for Labs & Lectures

	Department of Communication Sciences & Disorders	
	Lab Instructor *Courses:*	2015 – 2018

- Phonetics (Winter 2016, 2018)
- Language Science (Fall 2017)

	Teaching Assistant *Courses:*	2015 – 2018

- Special Education (Spring 2018)
- Sound & Communication Health (Spring 2018)
- Pediatric Audiology (Winter 2018)
- Clinical Methods in Pediatric Populations (Spring 2016)
- Language Development & Usage (Fall 2015)

Northwestern Research Computing Services

Teaching Assistant   2018

Practice Session Leader for two workshops:
- Intro to R
- Data Visualization in R with ggplot

OTHER TEACHING

Instructor, Evanston Township High School   2018

Course Title: Say *What?* An Introduction to Speech Science

Substitute Teacher, New Jersey Department of Education   2014

Elementary & High School

MENTORING	**DOCTOR OF AUDIOLOGY STUDENTS**	
	Caylin McCallick	2018 – Present
	Katie Schramm	2017 – 2018
	Clare Furuta	2016 – 2017
	Valerie Tiscerano	2015 – 2016

UNDERGRADUATE STUDENTS

Sophia Liu, *Undergraduate Research Grant Awardee*   2018 – Present

Christine Schlaug, *Undergraduate Honors Thesis, Department of Linguistics* 2017 – 2018

Nancy Le, *Northwestern Undergraduate Bioscientist Program*   2017

LEADERSHIP & SERVICE

R-Ladies Chicago

Board Member   2018 – Present

Linguistic Society of America

Committee Member   2016 – Present
- Committee on the Status of Women in Linguistics
- Committee on Student Issues & Concerns

Graduate Women Across Northwestern

Member   2014 – Present
- President (2017 – 2019)
- Communications Chair (2015 – 2017)

Northwestern University Graduate School

Appointed Member, Student & Postdoctoral Engagement Advisory Council   2017 – 2018

Communicating Science Convention

President, Chicago Organizing Committee   2015 – 2017

PROFESSIONAL AFFILIATIONS

Acoustical Society of America
American Auditory Society
Linguistic Society of America

AT NORTHWESTERN

Institute for Innovations in Developmental Science
Cognitive Science Program

SKILLS

Proficient - Git/Github, Markdown, PsychoPy (Python), Praat, R, SPSS
Familiar - Adobe Creative Suite, Anime Studio Pro, E-Prime, HTML, LaTeX, MATLAB

[*Last Updated 2019-04-24*]