

# Katherine Simeon

EDUCATION	<b>Northwestern University</b> , Evanston, Illinois, USA	
	Ph.D. in Communication Sciences & Disorders	<i>Expected 2020</i>
	<ul style="list-style-type: none"> <li>• Specialization in Cognitive Science</li> <li>• Teaching Certificate</li> </ul>	
	M.A. in Communication Sciences & Disorders (Non-Clinical)	2017
	<b>Johns Hopkins University</b> , Baltimore, Maryland, USA	
EMPLOYMENT	B.A. in Cognitive Science	2013
	<ul style="list-style-type: none"> <li>• Concentrations in Linguistics &amp; Cognitive Neuropsychology</li> </ul>	
	<b>AT NORTHWESTERN</b>	
	<b>Searle Center for the Advancement of Learning &amp; Teaching</b>	
	Teaching Consultant, Faculty Initiatives	2018 – Present
	<b>Academic Support &amp; Learning Advancement</b>	
	Research & Evaluation Data Manager, Undergraduate Programs	2016 – Present
	<b>Hearing &amp; Language Lab</b>	
	Graduate Student Researcher	2014 – Present
	<b>OTHER EMPLOYMENT</b>	
	<b>Language &amp; Hearing Research Laboratory</b> , New York Eye & Ear Infirmary, Research Assistant, Otolaryngology (PI: Richard Schwartz)	2014
	<b>Laboratory for Computational Audio Perception</b> , Johns Hopkins University, Research Assistant, Electrical & Computer Engineering (PI: Mounya Elhilali)	2012 – 2013
	<b>Language Processing &amp; Development Lab</b> , Johns Hopkins University, Research Assistant, Cognitive Science (PI: Akira Omaki)	2012 – 2013
	<b>Social Cognition Lab</b> , George Washington University, Research Intern, Speech Hearing Science (PI: Francys Subiaul)	Summer 2013
	<b>Acoustic Phonetics &amp; Speech Perception Lab</b> , New York University, Research Assistant, Communicative Sciences Disorders (PI: Susannah Levi)	Summer 2012
AWARDS & HONORS	<b>FELLOWSHIPS</b>	
	NIH NIDCD National Research Service Award (F31DC017878)	2019 – 2021
	Advanced Cognitive Science Fellowship, Northwestern University	2016 – 2017
	Language & Cognition Fellowship, Northwestern University	2014 – 2015
	<b>OTHER AWARDS</b>	
	RStudio Conference Diversity Scholarship, RStudio	2019
	Cognitive Science Travel Grant, Northwestern University	2019
	Datanauts, Open NASA	2018
	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
	<b>PUBLICATIONS</b>	
	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. <i>Frontiers in Psychology</i> , 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. <i>Language, Cognition and Neuroscience</i> , vol. 32, no. 10, pp. 1344–1356.	

## CONFERENCE PRESENTATIONS

Simeon, K. *Every voice matters: An analysis of @WeAreRLadies*. Talk at RStudio Conference (rstudio::conf), San Francisco, CA. Jan 2020.

Das, D., Li, A., and Simeon, K. *Teaching R Outside the Classroom: Supporting Instructors and Learners*. Poster presentation at RStudio Conference (rstudio::conf), San Francisco, CA. Jan 2020.

Simeon, K.M. and Grieco-Calub, T.M. *Children's use of phonological and semantic information during spoken word recognition*. Talk at the 94th Annual Meeting of the Linguistic Society of America, New Orleans, LA, Jan 2020.

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., Simeon, K., 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.

## TEACHING EXPERIENCE

### AT NORTHWESTERN

#### Searle Center for the Advancement of Learning & Teaching

Graduate Teaching Mentor 2018 – 2019  
Teaching Certificate Program

Workshop Leader 2016 – 2018

Led workshops on:

- SMART Teaching Practices in Language, Speech, & Hearing Sciences
- Communication Strategies for the Multilingual Classroom
- Audiencced-Centered TAing in Communication Sciences & Disorders

- Facilitating Learning with Small Group Work
- Promoting Active Learning in STEM: Strategies for Labs & Lectures

### **Department of Communication Sciences & Disorders**

Lab Instructor/Teaching Assistant

2015 – 2018

*Courses:*

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

Teaching Assistant

2015 – 2018

*Courses:*

- Special Education (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**

Certified Instructor, Software & Data Carpentries

2019 – Present

Instructor, Evanston Township High School

2018

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

### **MENTORING**

#### **DOCTOR OF AUDIOLOGY STUDENTS**

Caylin McCallick

2018 – 2019

Katie Schramm

2017 – 2018

Clare Furuta

2016 – 2017

Valerie Tiscerano

2015 – 2016

#### **UNDERGRADUATE STUDENTS**

Sophia Liu, *Undergraduate Research Grant Awardee*

2018 – Present

Noah Holubow, *Undergraduate Research Assistant Program*

2019

Christine Schlaug, *Undergraduate Honors Thesis, Department of Linguistics*

2017 – 2018

Nancy Le, *Northwestern Undergraduate Bioscientist Program*

2017

### **LEADERSHIP & SERVICE**

#### **useR! 2020 (St. Louis, MO)**

Chair, Diversity, Equity & Inclusion Core Committee

2019 – Present

#### **R-Ladies Chicago, R-Ladies Global**

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, Python/PschoPy, Praat, R, SPSS  
*Familiar* - Adobe Creative Suite, Anime Studio Pro, E-Prime, HTML,  $\text{\LaTeX}$ , MATLAB  
*Learning Management Systems* - Canvas, Google Classroom

[Last Updated 2019-11-11]