

CATHERINE T. PHAM

Lyles-Porter Hall, Purdue University, 715 Clinic Drive, West Lafayette, IN 47909
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EDUCATION

Ph.D., Psychology and Language Science

Aug 2024

The Pennsylvania State University, University Park, PA

- Advisors: Dr. Michele T. Diaz & Dr. Navin Viswanathan
- Dissertation: *Speaker modifications in language production under adverse conditions*

M.S., Psychology

Aug 2021

The Pennsylvania State University, University Park, PA

- Advisor: Dr. Elisabeth A. Karuza
- Master's thesis: *Examining noise-induced differences in the syntactic complexity of spoken language*

B.A., Linguistics with highest distinctions

May 2019

Minor: Spanish

The University of Kansas, Lawrence, KS

- Advisors: Dr. Robert Fiorentino & Dr. Alison Gabriele
- Honors thesis: *Investigating the relationship between individual differences in cognitive abilities and island sensitivity*

PUBLICATIONS

Pham, C. T., & Viswanathan, N. (2024). Studying Conversational Adjustments in Interaction: Beyond Acoustic Phonetic Changes. *Journal of Speech, Language, and Hearing Research*, 67(1), 196–210.

Pham, C. T., & Karuza, E. A. (2023). Noise-induced differences in the complexity of spoken language. *Quarterly Journal of Experimental Psychology*, 78(7) 1609–1631.

Pham, C., Covey, L., Gabriele, A., Aldosari, S., & Fiorentino, R. (2020). Investigating the relationship between individual differences and island sensitivity. *Glossa: A Journal of General Linguistics*, 5(1), 94.

PRESENTATIONS

Pham, C. T. (2024, April). Exploring LRM effects in interactive language production. Talk presented at *Center for Language Science Speaker Series*. University Park, PA.

Padt, M.*, Lee, J.*, **Pham, C. T.**, Brouwer, S., Viswanathan, N., & Olmstead, A. (2024, March). Speaker adjustments in interaction in Dutch-English bilinguals. Poster presented at *10th Annual Undergraduate Exhibition in Hispanic and General Linguistics at Pennsylvania State University*. University Park, PA.

Krajewski, E., **Pham, C. T.**, Viswanathan, N., Olmstead, A., & Lee, J. (2023, November). Whose turn is it anyway? Conversational dynamics in interactions involving people with dysarthria. Poster presented at *2023 American Speech-Language-Hearing Association Convention*. Boston, MA.

Pham, C. T., Brouwer, S., & Viswanathan, N. (2023, November). Conversational adjustments in adverse conditions: Exploring linguistic release from masking in language production. Poster presented at *64th Annual Meeting of the Psychonomic Society*. San Francisco, CA.

Pham, C. T., & Viswanathan, N. (2023, May). Language production in constrained interaction: Examining speaker modifications beyond acoustic phonetics. Talk presented at *20th Annual Psycholinguistics in Flanders*. Ghent, Belgium.

Shah, V.*, **Pham, C. T.**, & Karuza, E. A. (2022, October). Assessing use of active and passive structures in noisy speech production. Poster presented at *PSU Undergraduate Exhibition*. University Park, PA.

Pham, C. T. (2021, December). Noise-induced differences in the complexity of spoken language. Talk presented at *Center for Language Science Speaker Series*. University Park, PA.

Pham, C. T., & Karuza, E. A. (2021, November). Noise-induced differences in the complexity of language production. Virtual talk presented at *62nd Annual Meeting of the Psychonomic Society*.

Pham, C. T., & Karuza, E. A. (2021, October). Cognitive control associated with noise-induced changes in spoken language complexity. Virtual poster presented at *13th Annual Meeting of the Society for the Neurobiology of Language*.

Covey, L., Fiorentino, R., **Pham, C.**, Wilson, D., & Gabriele, A. (2019, November). Examining island sensitivity in native and nonnative speakers: Evidence from acceptability judgments and event-related potentials. Talk presented at *44th Annual Boston University Conference on Language Development*. Boston, MA.

Pham, C. (2019, April). Investigating the relationship between individual differences in cognitive abilities and island sensitivity. Talk presented at *KU Undergraduate Research Symposium*. Lawrence, KS.

Covey, L., Fiorentino, R., **Pham, C.**, Wilson, D., & Gabriele, A. (2019, March). Tracking the dynamics of wh-dependency resolution inside and outside of islands: An ERP investigation of native speakers and L2 learners. Talk presented at *XV Generative Approaches to Second Language Acquisition Conference*. Reno, NV.

* indicates undergraduate student author

RESEARCH EXPERIENCE

- Speech, Language, and Cognition Lab** | Graduate Student **Aug 2021 - present**
The Pennsylvania State University, University Park, PA
- PI: Dr. Navin Viswanathan
 - Responsibilities: designed, implemented, and ran behavioral experiments with Labvanced; processed and analyzed experimental data with Praat, Bash/Shell, and R; trained/mentored 12 undergraduate research assistants on transcribing production data and running in-person data collection
- Partnership for International Research and Education** | Graduate Fellow **May 2023 - Jul 2023**
Radboud University, Nijmegen, Netherlands
- Received NSF-sponsored grant awarded to the Center for Language Science at Penn State and Radboud University
 - Supervisors: Dr. Navin Viswanathan & Dr. Susanne Brouwer
 - Responsibilities: designed, implemented, and ran behavioral experiments with Labvanced; mentored 2 undergraduate fellows
- Karuza Lab** | Graduate Student **Aug 2019 - Jul 2022**
The Pennsylvania State University, University Park, PA
- PI: Dr. Elisabeth A. Karuza
 - Responsibilities: designed, implemented, and ran behavioral experiments with Psychopy; processed and analyzed experimental data with Bash/Shell and R; trained/mentored 4 undergraduate research assistants on transcribing production data
- Neurolinguistics and Language Processing Lab** | Research Assistant **Sep 2016-Jul 2019**
The University of Kansas, Lawrence, KS
- PI: Dr. Robert Fiorentino
 - Responsibilities: ran EEG and behavioral experiments with Paradigm; implement manual artifact rejection of EEG data; developed linguistic stimuli, trained 3 undergraduate research assistants on administering EEG data collection

AWARDS AND HONORS

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| NSF-funded Partnerships for International Research and Education (PIRE) Fellowship | 2023 |
| Center for Language Science Adele Miccio Travel Award | 2022 |
| Sigma Xi Top Oral Presentation | 2019 |
| KU Undergraduate Research Outstanding Presentation | 2019 |
| KU Undergraduate Research Award (\$1000) | 2018 |
| Lawrence G. & Nanette Pascal Study Abroad Award | 2017 |
| Foreign Study Scholarship | 2017 |
| Harrison Jedel & Jeff Weinberg Opportunity Fund | 2017 |

TEACHING EXPERIENCE

Teaching Assistant

The Pennsylvania State University

- **Psychology of Language** (LING/PSYCH 457) **SP 2020/2021/2023**
 - Instructor: Dr. Katharine Donnelly Adams
 - Seminar providing overview of psychological research and theory on language processes
 - Presented guest lectures on syntax and language comprehension (SP 2020; 2021; 2022; 2023; 2024), bilingualism and second language acquisition (SP 2023), and the study of language in interaction (SP 2023; 2024)

- **Introduction to Cognitive Psychology** (PSYCH 256) **FA 2019/2023**
 - Instructor: Dr. Elisabeth Karuza
 - Introductory course on cognition covering attention, perception, memory, imagery, language, problem solving, creativity, and reasoning
 - Presented guest lecture providing an overview of the study of language in cognitive psychology

- **Networks in Cognitive Science** (PSYCH 490) **SP 2021/2022**
 - Instructor: Dr. Elisabeth Karuza
 - Senior seminar focused on the history of networks in cognitive science and the application of tools from network science to understand the inner workings of the mind

- **Basic Research Methods in Psychology** (PSYCH 301W) **FA 2021**
 - Instructor: Dr. Nicholas Pearson
 - Introduction to methods of psychological research, with special attention to hypothesis formation and testing, threats to validity, and data presentation
 - Led weekly laboratory section to reinforce lecture concepts

- **Psychology of Adjustment and Social Relations** (PSYCH 471) **FA 2020**
 - Instructor: Dr. David Wimer
 - Seminar focused on theory and application of psychological principles to problems in personal and social adjustment

The University of Kansas

- **College Physics I** (PHSX 114) **SP 2018**
 - Instructor: Dr. David Besson
 - Introductory physics course covering principles and applications of mechanics, fluids, heat, thermodynamics, and sound waves
 - Led weekly evening recitation sessions to assist students with homework problem sets and hosted review sessions prior to exams

OUTREACH & SERVICE

Department of Psychology | Graduate Student Liaison

2023-2024

The Pennsylvania State University, University Park, PA

- Communicated student concerns to faculty regarding graduate student climate
- Documented key topics of discussion during faculty meetings

Center for Language Science | Graduate Assistant

2020, 2022-2023, 2024

The Pennsylvania State University, University Park, PA

- Managed the CLS and Bilingualism Matters social media accounts
- Created content for the Bilingualism Matters newsletter
- Organized outreach events to educate the local community about the study of Language Science

Young Language Science Scholar Event | Organizing Committee

2021-2023

The Pennsylvania State University, University Park, PA

- Planned, coordinated, and executed both a virtual and in-person poster session for Penn State's Center for Language Science community

KU Adidas Leadership Scholars | Peer Mentor

2018-2019

University of Kansas, Lawrence, KS

- Mentored incoming first-generation students as they adjusted to university life
- Individually met with six students weekly to set goals and discuss study habits and time management
- Connected students to on-campus resources

TECHNICAL SKILLS

Programming: R for Data Science, Python (Psychopy), Labvanced, Praat, Qualtrics Research Software

Languages: English (native proficiency), Spanish (intermediate proficiency), Vietnamese (elementary proficiency)