A resume document is provided.


Mayer, C., Roewer-Despres, F., Stavness, I., & Gick, B. (2017). Do innate stereotypies serve as a basis for swallowing and learned speech movement? *Behavioral and Brain Sciences*, 40. doi:10.1017/S0140525X16001928


Publications refereed by abstract


**Books**


**Other publications**


**Edited Volumes**


**Presentations**  
(* indicates presenting author)

**Conference talks**


*Mayer, C., Major, T., & Yakup, M. Conflicting trigger effects in Uyghur backness harmony. Presented at the 5th Workshop on Turkic and languages in contact with Turkic. Newark, Delaware. February 2020.*


**Poster presentations**


Invited Talks


Employment Record

UCLA, Los Angeles, CA
Research Assistant, Department of Linguistics
Supervisor: Dr. K. Zuraw

- Designed and implemented an R package for carrying out Maximum Entropy Optimality Theory analyses

June 2020 - June 2021
UCLA, Los Angeles, CA
Research Assistant, Department of Linguistics
Supervisor: Dr. H. Koopman
- Worked on Terraling, a website for managing linguistic datasets
- Performed exploratory data analysis on linguistic data sets
- Fixed bugs in the Ruby on Rails backend

University of British Columbia, Vancouver, BC
Program Development Consultant, Department of Linguistics.
Supervisor: Dr. B. Gick.
- Assisted with curriculum and program planning.
- Conducted market research and interviews with industry professionals.
- Wrote funding applications.
- Performed linguistics research.

Demonware Inc., Vancouver, BC
Software developer
- Responsible for developing new scalable and robust online features for AAA video games, helping studios integrate Demonware technology into their games, and maintaining and updating existing Demonware services.

Software development intern
- Performed research into how router QoS settings apply to and affect video game traffic.

Software development intern
- Wrote ETL software for the Demonware data warehouse.
- Worked on an internal web application used by Demonware engineers and studios.
- Titles worked on in this time period include Call of Duty: Modern Warfare 3 and Skylanders: Spyro’s Adventure.

University of British Columbia, Vancouver, BC
NSERC Undergraduate Student Research Assistant. Department of Linguistics.
Supervisor: Dr. E. Vatikiotis-Bateson.
- Wrote scripts in Matlab and Python to automatically extract multiple maximum and minimum peaks from discrete signals and format and tag the expected data for use in R.
- Wrote scripts in Matlab and Python to take the integrals on specified intervals of discrete signals and format and tag the extracted data for use in R.
- Work from this position was used in Abel et al. (2011).

Work Study Assistant. Department of Linguistics
Supervisor: Dr. B. Gick.
- Designed and ran experiments examining speech perception and production.
- Wrote online quizzes for LING 313, Introduction to Linguistic Phonetics and Speech Science.
- Proofread grant applications and academic papers.
- Helped to organize an academic conference as liaison between speakers and organizers.
- Work from this position was used in Mayer et al. (2013).

NSERC Undergraduate Student Research Assistant. Department of Linguistics.
Supervisor: Dr. B. Gick.
- Designed and ran experiments examining speech perception and production.
- Analyzed experimental ultrasound and acoustic data.
- Work from this position was used in Mayer & Gick (2012).
Graduate Research Assistant. Department of Asian Studies. 
Supervisor: Dr. A. Sathaye.

- Worked on a system for archiving and cataloging Asian folklore.

Advising Experience

Creating GUIs for phonological learning software  
September 2019 - June 2021
Supervised two undergraduate research assistants to create graphical user interfaces for the software presented in Mayer (2020) and Mayer and Daland (2020).

Creating a corpus of Spanish vowels  
April 2019 - June 2021
Co-supervised, with Megha Sundara, one undergraduate research assistant to record, segment, and analyze acoustic data for a corpus of Spanish vowel Acoustics.

Uyghur vowel harmony and prosody, UCLA  
January 2019 - June 2021
Co-supervised, with Travis Major, six undergraduate research assistants to code, segment, and analyze acoustic data.

Teaching Experience

Instructor (UCI)
Computational skills for language science research (LSCI 202A)  
Fall 2021

Instructor (UCLA)
Computational linguistics I (LING 185A)  
Summer 2020
Computational linguistics I (LING 185A)  
Summer 2019

Teaching assistant (UCLA)
Computational linguistics I (LING 185A), with Dr. Timothy Hunter  
Winter 2019
Introduction to linguistic analysis (LING 20), with Dr. Carson Schütze  
Spring 2018
Experimental phonetics (LING 104), with Dr. Patricia Keating  
Winter 2018
Introduction to general phonetics (LING 103), with Dr. Patricia Keating  
Fall 2017

Teaching assistant (University of British Columbia)
Basic algorithms and data structures (CPSC 221), with Dr. Alan Hu  
Spring 2013
Languages of the world (LING 101), with Dr. Strang Burton  
Spring 2010

Guest lecturer
Teaching demo (University of British Columbia)  
March 2021
Lecture: Introduction to vector models of semantics

Teaching demo (University of California, Irvine)  
March 2021
Lecture: Introduction to vector models of semantics
Honours

UCLA, Dissertation Year Fellowship (2020)
Wisconsin Intensive Summer Language Institutes Partial Tuition Scholarship (2020)
Central Eurasian Studies Summer Institute Tuition Remission (2020)
Social Sciences and Humanities Research Council (SSHRC), Doctoral Fellowship (2017-2021)
SelfScore Scholarship for International Students (2016)
UCLA, Graduate Dean's Scholar Award (2016)
UBC Computer Science Department Academic Award Of Excellence (BCS) (2013)
UBC, David Macaree Prize in English 301 (2010)
UBC Trek Excellence Scholarship for Continuing Students (2009)
UBC, Margaret Lawrence Scholarship in Arts (2008)
UBC, Timothy Martin Canfield Memorial Scholarship (2008)
UBC, Trek Excellence Scholarship for Continuing Students (2008)
UBC, Trek Excellence Scholarship for Continuing Students (2007)
UBC, President's Entrance Scholarship (2006)
Langara College, Leon and Simma Holt Arts and Science Scholarship (2006)

Affiliations

Institutional affiliations

Visiting researcher 2016 – present
Interdisciplinary Speech Research Lab, University of British Columbia

Professional organizations

Member, Association for Computational Linguistics
Member, Association for Laboratory Phonology
Member, Canadian Acoustical Association
Member, Linguistic Society of America

Professional Service

Virtual Presence Manager (website, social media, Youtube), UCI Language Science. July 2021 – present
Head of UCLA linguistics department open house committee September 2019 – March 2020
Student volunteer, SALT 29 May 2019
Reviewer, Abstracts Review Board April 2019
Southern California Undergraduate Linguistics Conference
Linguistics blog maintainer, UCLA September 2018 – June 2021
Housing organizer, WCCFL 36 April 20-22, 2018
Food committee, UCLA linguistics department open house September 2017 – February 2018
Vice president, Graduate Linguistics Circle, UCLA September 2017 – August 2018
Organizer, Southern California April Meeting on Phonology May 6, 2017
Linguistics department website committee member, UCLA January 2017 – June 2021
### Computer Experience

**Languages:** Python, C++, MySQL, C, Java, R, Matlab, Bash, Latex, Javascript, Erlang, Prolog, Haskell, Ruby  
**Source control:** git, SVN  
**Operating Systems:** Windows, OSX, Linux (Ubuntu and Centos)  
**Programs:** Visual Studio, XCode, Eclipse, Praat, ELAN, Palatoglossatron, Edgetrak, Psyscope, Artisynth

### Languages

- **Native:** English  
- **Proficient:** Japanese (JLPT Level 2)  
- **Basic:** French, Spanish, Uyghur  
- **Fieldwork:** Kwak'wala, Nuu-chah-nulth, Yemba

### Non-degree training

- **Central Eurasian Studies Summer Institute - Intermediate Uyghur**  
  June 2020 - August 2020
- **European Summer School in Language Logic and Information 2018, Soña, Bulgaria**  
  August 2018