

CHARLES ‘CHUCK’ BRADLEY

CONTACT

address 340 N. 12th St. Apt 701
Philadelphia, PA 19107
USA

email bradley4@purdue.edu

phone +1 215 630 2838

website <https://github.com/C-huck/>
C-huck.github.io

nationality American

RESEARCH INTERESTS

iconicity • gesture • American Sign Language (ASL) • argument structure •
vision/ praxis • evolution of L/language • neurolinguistics • event
semantics and its syntax

I am interested in the emergence of grammatical features in L/language via iconicity. My current work explores perceptual features that guide transitivity de/coding in pantomime and ASL signs. In future work, I will explore the neural correlates of gestural and linguistic transitivity distinctions in production and perception. My previous work has focused on linguistic constraints on ‘gestural’ elements in ASL verbs of motion and location.

EDUCATION

2013-2019 PhD in Linguistics, Purdue University
Major professor: Ronnie Wilbur
Committee: Jeffrey Mark Siskind, Evie Malaia, Elaine Francis
Dissertation: *Transparency of transitivity distinctions in pantomime, sign language*
[\[ToC/ abstract\]](#) [\[full\]](#)

2010-2013 MA in Linguistics, Purdue University
Major professor: Ronnie Wilbur
Committee: Elena Benedicto, Elaine Francis
Thesis: *Motion events and event segmentation in American Sign Language*
[\[ToC/ abstract\]](#) [\[full\]](#)

2005-2009 BA in Linguistics, Middlebury College
Major professors: Christopher Star, Vera Lee-Schoenfeld
Thesis: *A theoretical look at the Person Agreement Marker in German Sign Language*
Major: Linguistics, *cum laude*
Minor: Latin

AWARDS

2013
Lynn Fellowship, Interdisciplinary Studies, Purdue University

2010
David M. Knox Fellowship, The Graduate School, Purdue University

PUBLICATIONS

Submitted

Bradley, C., Malaia, E., Siskind, J. M. and R. B. Wilbur. Visual form of ASL verb signs predicts non-signer judgment of transitivity. [MS]

In progress

Bradley, C., Malaia, E. and R. B. Wilbur. Iconicity of transitivity distinctions in ASL classifier constructions and the pantomimes of hearing non-signers.

PRESENTATIONS

2018

Can formal features be predicted from form? Using Machine Learning to predict transitivity class from the form of pantomime and ASL classifier constructions. Poster presented at *Formal and Experimental Advances in Sign Language Theory 7*. Venice, IT. [abstract]

2017

with Siskind, J.M., and R. Wilbur. Neural representation of minimal syntactic units. Poster presented at Cognitive Computational Neuroscience 1. New York, NY, USA. [abstract]

with H. Nassar. Rapid processing of ELAN data: quick and dirty numbers for statistical analysis. Poster presented at *Formal and Experimental Approaches to Sign Language Theory 6*. Reykjavik, Iceland. [abstract]

2010

with V. Lee-Shoenfeld. A theoretical look at the Person Agreement Marker in German Sign Language. Poster presented at *Theoretical Issues in Sign Language Research 10*. West Lafayette, IN, USA.

TEACHING, EMPLOYMENT

2015 - 2018 Instructor, Purdue University

Syntax and Semantics (3 semesters)
[example lecture] [example final exam]

Introduction to Linguistics (2 semesters)
[example lecture] [example final exam]

2013 - 2018 Manager, Sign Language & Linguistics Lab

Managed teams of 3 - 10 undergraduate researchers (URs). Introduced members to (a) conducting research (b) research standards, (c) tools used in sign language research, etc. Guided URs in their research projects and subsequent reports, many on a one-to-one basis. Created stimuli for sign language elicitation tasks; filmed, processed, and edited sign language data; kept and organized lab data and records, including IRBs, consent forms, protocols, etc.

2017 Research Assistant, Alejandro Cuzo-Blanco

Edited articles and book chapters for publication (non-native English). Designed the Second Language Acquisition Research Lab's website. Note: Current web design may no longer be my work.

2011 - 2015 Teaching Assistant

Introduction to Linguistics (4 semesters):

Course material preparation (exams, quizzes, etc.); grader and proctor; limited mentoring

American Deaf Community: Language, Culture, and Society (1 semester):

Grader and proctor; Occasional guest lecturer

American Sign Language levels 1, 2, and 4 (3 semesters; volunteer):

Grader and proctor; Occasional guest lecturer

SKILLS

<i>Natural languages</i>	English (native); American Sign Language (perception/ expression: working proficiency); French (reading: advanced; speaking/ listening: diminishing proficiency); Latin, Mandarin (language of study)
<i>Artificial languages</i>	Python, \LaTeX (advanced); HTML5, MATLAB (intermediate); SQL, PHP (basic); R (learning)
<i>Neuroimaging</i>	Primary operator GE 3T scanners with extensive scanning experience. CPR certified (Spring, 2018).
<i>Software</i>	ELAN (video annotation); MS Office/ Google Products (word processing, spreadsheets, etc.); FSL, AFNI, SPM (neuroimaging); ffmpeg (video/ audio editing)
<i>Methodologies</i>	Amazon Mechanical Turk, Qualtrics (survey); fMRI (neuroimaging); linguistic fieldwork/ interview; corpus construction and analysis; general linear model, text classification/ machine learning (analyses)
<i>Teaching</i>	Course design, syllabus/ exam/ assignment development, mentorship

REFERENCES

Ronnie Wilbur, PhD

Relation to candidate: Major professor (8 years) and dissertation chair
Professor

Speech, Language & Hearing Sciences; Linguistics Program
Purdue University

Phone: +1 765 494 3822

Email: wilbur@purdue.edu

Evie Malaia, PhD

Relation to candidate: Mentor (5 years) and dissertation committee member
Associate Professor

Communicative Disorders
The University of Alabama

Cell: +1 765 418 1229

Email: eamalaia@ua.edu

Website: <https://malaia.people.ua.edu/>

OTHER INFORMATION

<i>Work experiences</i>	2012 - 2013 Assistant, Office of Interdisciplinary Studies, Purdue University 2009 - 2010 Paralegal, Lockheed Martin/ Office of Consumer Litigation, US Justice Department
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October 30, 2019