

Aron Marvel

617 East Angeleno Ave., Burbank, CA
(970) 316-3190 • aronmarv@buffalo.edu

EDUCATION

PhD in Linguistics **June 2019**

University at Buffalo

Dissertation Title: "Event Categories beyond Verb Senses"

Committee: Jean-Pierre Koenig (Chair), Gail Mauner, Rui Chavez, John Pate

BA in English, *summa cum laude* **2009**

Colorado State University, Fort Collins, CO

BA in Philosophy **2005**

Colorado State University, Fort Collins, CO

RESEARCH EXPERIENCE

Doctoral Researcher **2015-present**

Department of Linguistics, University at Buffalo

- Designed and conducted event categorization experiments with human participants
- Employed computational methods such as Latent Semantic Analysis, GloVe and Word2vec to extract data from corpora
- Wrote Perl and Python scripts for data collection and analysis

Research Assistant **2012-present**

Department of Linguistics, University at Buffalo

- Assistant to Dr. Jean-Pierre Koenig, conducting primary on the Oneida language
- Designed and implemented a morphological parser for Oneida using an augmented version of the Prolog programming language (TRALE)

Research Assistant **2010**

Department of English, Colorado State University

- Assistant to Dr. Sue Doe, conducting primary research on the working conditions of adjunct instructors in academia
- Used text analysis and semantic network software (AutoMap, ORA) to analyze transcripts of faculty and instructor interviews

TEACHING EXPERIENCE

English Instructor **2010-present**

TutorABC Interactive English Education

- Taught small classes of 1-6 Taiwanese adults at medium to advanced proficiency
- Prepared teaching materials for use on an interactive online blackboard

Teaching Assistant **2011-2012**

Department of Linguistics, University at Buffalo

- Graded exams, led class discussions, assisted students in preparation of projects
- Lectured on neural networks, including history, theory and uses of dual-path models

Tutor

2008

Department of English, Colorado State University

- Assisted students in preparing for projects and exams concerning English teaching

PUBLICATIONS

Marvel, A. & Koenig, J.P. (2015). Event Categorization Beyond Verb Senses. In *ACL Anthology: Proceedings of the 11th Workshop on Multiword Expressions*, pp. 77-86. Available online at <http://www.aclweb.org/anthology/W15-0913>

CONFERENCE PRESENTATIONS

"Event Categorization Using Non-Verb Cues," CUNY. Boulder, CO, March 2019.

"Using Computational Tools to Aid Morphological Analysis," Analyzing Morphological Systems (AnaMorphoSys). Lyon, France, June 2016.

"Micro-senses: Exploring Multi-word Event Categorization," Events in Language and Cognition. Gainesville, FL, March 2016.

"Event Categorization beyond Verb Senses," NAACL 11th Workshop on Multiword Expressions. Denver, CO, June 2015.

"Parsing Oneida: It Doesn't Always Pay to Be Shallow!" Workshop on New Field Methods. Buffalo, NY, April 2015.

HONORS AND AWARDS

CAS Dissertation Fellowship, University at Buffalo	2017
Summer Research Grant, University at Buffalo	2015-2016
Conference Travel Grant, University at Buffalo	2015
Outstanding Graduate in the College of Liberal Arts, Colorado State University	2009

PROFESSIONAL AND UNIVERSITY SERVICE

Organizational Committee

International Conference on HPSG 2014

- Processed payments, assisted with registration, organized conference materials
- Moderated afternoon sessions

PROFESSIONAL MEMBERSHIPS

- Association for Computational Linguistics