

# Jesse Zymet

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## Research interests

My primary research develops and addresses computational models of phonology, its interfaces (with the lexicon, morphology, phonetics, syntax), and phonological learning and its biases. I test predictions made by current hypotheses in the field using experimental methods such as nonce probe tasks and artificial language learning tasks.

I bring fieldwork and corpus data from understudied languages (in particular, Malagasy and Maragoli) to bear on theories of phonology, its interfaces, and phonological learning.

## Education

### University of California, Los Angeles

- Exp. 2018    Ph.D.,            Linguistics  
                  Thesis:        *Lexical propensities in phonology: corpus and experimental evidence from Slovenian and French*  
                  Committee:    Bruce Hayes (co-chair), Kie Zuraw (co-chair), Robert Daland, Megha Sundara
- Summer 2015                            2015 Linguistic Summer Institute (University of Chicago)  
  Central courses: Computational Phonology (Heinz & Riggle),  
  Gradient Symbolic Computation (Goldrick & Smolensky)
- 2012 – 2014    M.A.,            Linguistics  
                  Thesis:        *Distance-based decay in long-distance phonological processes: a probabilistic model for Malagasy, Latin, English, and Hungarian*  
                  Committee:    Bruce Hayes (co-chair), Kie Zuraw (co-chair), Robert Daland, Ed Stabler

### Rutgers, The State University of New Jersey

- 2011            B.A.,            Linguistics (with honors) and Quantitative Economics,  
  with minors in Mathematics and Cognitive Science  
                  Thesis:        *Syntactic headedness and semantic headlessness in coordinative compounding*

## Fellowships, honors, and awards

2017 – 2018	Dissertation Year Fellowship, UCLA
2015 – 2016	Andrew W. Mellon Fellowship for Humanistic Studies
2014	NSF Graduate Research Fellowship Honorable Mention
2014	Graduate Summer Research Mentorship Fellowship, UCLA
2013 – 2014	Graduate Research Mentorship Fellowship, UCLA
2013	Graduate Summer Research Mentorship Fellowship, UCLA
2012 – 2013	Andrew W. Mellon Fellowship for Humanistic Studies
2011	Robert Jeffers Prize for Outstanding Contributions to the Linguistics Department, Rutgers
2011	Aresty Research Award, Rutgers

## Publications/in the pipeline

Irreducible parallelism in phonology: evidence for lookahead in Mohawk, Maragoli, Lithuanian, Sino-Japanese, and beyond. Shared first authorship with Jeffrey Adler.

Under revision for **Natural Language and Linguistic Theory**.

Malagasy OCP targets a single affix: implications for morphosyntactic generalization in learning. Under revision for **Linguistic Inquiry**.

2017	Contradictory markedness preferences across morphological domains. <i>Proceedings of the 35<sup>th</sup> West Coast Conference in Formal Linguistics</i> . Cascadilla Press.
2017	With Jeff Adler, UCSC. Irreducible parallelism in phonology. <i>Proceedings of the 47<sup>th</sup> Annual Meeting of the North East Linguistics Society</i> .
2014	Distance-based decay in long-distance phonological processes. <i>Proceedings of the 32<sup>nd</sup> West Coast Conference in Formal Linguistics</i> . Cascadilla Press.

## Manuscripts

Distance-based decay in long-distance phonological processes: a single probabilistic model for Malagasy, Georgian, Latin, English, and Hungarian.

In preparation for *Natural Language and Linguistic Theory*.

Glewwe, Zymet (co-first authors), Adams, Jacobson, Yates, Zeng, Daland. Substantive bias and word-final (de)voicing: an artificial grammar learning study.

In preparation for *Phonology*.

Lexical propensities in phonology: corpus and experimental evidence from French and Slovenian. In progress.

A case for parallelism: reduplication-repair interactions in Maragoli. Ms.

## Code

*PhoMEnt Maximum Entropy Learner*. Robert Daland, Michael Lefkowitz, Blake Allen, Jesse Zymet, Dustin Bowers, Yun Kim, Paige Fox. 2014. Code: [github.com/rdaland/PhoMEnt](https://github.com/rdaland/PhoMEnt).

## Presentations

**Substantive bias and final (de)voicing: an artificial grammar learning study**  
(Glewwe, Zymet (co-first authors), Adams, Jacobson, Yates, Zeng, Daland)

2018 WCCFL Poster presented at the 36<sup>th</sup> West Coast Conference in Formal Linguistics, University of California, Los Angeles.

2018 LSA Talk presented at the 2018 Annual Meeting of the Linguistic Society of America, Salt Lake City, Utah.

**Evidence for word-specific propensity to undergo variable phonological processes: corpus and experimental studies on French liaison**

2018 WCCFL Poster presented at the 36<sup>th</sup> West Coast Conference in Formal Linguistics, University of California, Los Angeles.

2018 LSA Poster presented at the 2018 Annual Meeting of the Linguistic Society of America, Salt Lake City, Utah.

**A crosslinguistic study of lexical propensity in variable phonological processes**

2017 SCAMP Poster presented at the 2017 Southern California Meeting on Phonology, University of California, Los Angeles.

**Contradictory markedness preferences across morphological domains and their implications for domain generalization in learning**

2017 WCCFL Talk presented at the 35<sup>th</sup> West Coast Conference in Formal Linguistics, University of Calgary, Alberta.

2017 BLS Talk presented at the 43<sup>rd</sup> Annual Meeting of the Berkeley Linguistics Society, University of California, Berkeley.

**Irreducible parallelism in phonological process interactions**

(with Jeff Adler, UCSC)

2016 NELS Talk presented at the 47<sup>th</sup> Meeting of the North East Linguistic Society, University of Southern California.

- 2016 AMP Poster presented at the 2016 Annual Meeting on Phonology, University of Southern California.
- 2016 PHREND Invited talk presented by Jeff Adler at the Phonology Research Weekend, University of California, Santa Cruz.
- 2016 UCLA Invited poster presented at the UCLA Linguistics 50<sup>th</sup> Anniversary, University of California, Los Angeles.

### **Irreducible parallelism in phonology**

- 2016 SCAMP Invited poster presented at the Southern California Meeting on Phonology, University of California, San Diego.

### **The relationship between sonority and glottal vibration**

(Megan Risdal, Ann Aly, Adam Chong, Patricia Keating, and Jesse Zymet)

- 2016 LabPhon Poster presented by Patricia Keating at Laboratory Phonology 15, Cornell University.
- 2016 CUNY Talk presented by Megan Risdal at CUNY Phonology Forum on Sonority, University of Ithaca.

### **A case for parallelism: reduplication-repair interactions in Maragoli**

- 2016 LSA Talk presented at the Annual Meeting of the Linguistic Society of America 2016, Washington D.C.
- 2015 MFM Talk presented at the 32<sup>nd</sup> Manchester Phonology Meeting, University of Manchester.

### **Distance-based decay in long-distance phonological processes: a probabilistic model for Malagasy, Latin, English, and Hungarian**

- 2014 ABC Invited poster presented at the Agreement by Correspondence Conference, University of California, Berkeley.
- 2014 WCCFL Talk presented at the 32<sup>nd</sup> West Coast Conference in Formal Linguistics, University of Southern California.
- 2014 UCSC Invited talk presented at Phonology Lunch, University of California, Santa Cruz.

### **Right-Node Raising and Coordinated Affixation**

(with Clara Sherley-Appel, UCSC)

- 2014 LSA Talk presented at the 2014 Annual Meeting of the Linguistic Society of America, Minneapolis, Minnesota.

## **Syntactic Headedness and Semantic Headlessness in Noun-Noun Coordinative Compounds**

- 2012 HULLS Talk presented at the Hunter Undergraduate Linguistics and Language Study Conference, Hunter College.
- 2011 Rutgers Talk presented at the Aresty Research Conference, Rutgers University.
- 2011 GLEEFUL Talk presented at the 2011 Great Lakes Expo in Experimental and Formal Undergraduate Linguistics, Michigan State University.

## **Collaborators (on projects presented externally)**

- Doshisha University: Yu Tanaka
- Queens Mary U. of London: Adam Chong
- UCLA: Jacob Adams, Ann Aly, Robert Daland, Eleanor Glewwe, Rachel Jacobson, Patricia Keating, Megan Risdal, Anthony Yates, Ann Zeng
- UCSC: Jeff Adler, Clara Sherley-Appel

## **Teaching at UCLA**

### **Instructor for *Introduction to Phonology*, Summer 2016 (25 students)**

Prepare material for and lead class lectures and weekly sections, hold weekly office hours, prepare and grade homework and exams.

### **Teaching Assistant/Associate (typically around 40 students per quarter)**

Attend lectures, prepare material for and lead weekly sections, hold weekly office hours, assist in preparing homework and exams, grade homework and exams.

Winter 2017	Introduction to Linguistics (under Chiara Bozzone)
Spring 2016	Advanced Phonology (under Brian Smith)
Winter 2016	Applied Phonetics (under Patricia Keating)
Spring 2015, 2017	Phonological Structures (under Robert Daland)
Winter 2015	Introduction to Phonology (under Russell Schuh)
Fall 2014	Introduction to Linguistic Theory (under Bruce Hayes)

### **Supervised research assistants**

Joceline Huang, Hee (Peter) Hwang, Weifeng Jin, Soyoung (Susan) Lee, Yihan (Sophy) Xiong, Josh Sciortino, Rick DeAmicis.

**Natural languages:** English (native), French (intermediate), Spanish (beginner), Maragoli (fieldwork and research)

**Technical skills:** **Coding languages:** Python, R, HTML, CS, Java, Javascript, SAS  
**Experiment platforms:** E-Prime, Experigen  
**Speech analysis:** Praat

## Service

### **President of the Graduate Linguistics Circle, 2014 – 2015**

Prepare and moderate quarterly meetings of the graduate student body to discuss department-wide matters; discuss graduate student opinions at faculty meetings.

### **Primary Organizer of the 2017 Southern California Meeting on Phonology**

<https://uclalinguistics.wordpress.com/2017/05/15/scamp-2017-at-ucla/>

Prepare call for presenters, budget request, and meeting schedule; assist in coordinating room reservation, meals, and parking; field meeting-related questions; moderate meeting.

**Reviewer:** *Festschrift for Russell Schuh, Glossa, Linguistic Inquiry.*

### **Member of the Teaching Evaluation Committee, 2015 and ongoing**

Prepare summaries of faculty teaching evaluations.

### **Member of the Computational Linguistics Faculty Hire Search Committee, 2015 – 2016**

Sit for interviews; discuss candidates during graduate student meetings and faculty meetings.

### **Member of the Linguistics Colloquium Committee, 2012 – 2014**

Assist in coordination between faculty and colloquium speakers.

### **President (2010 – 2011), and before that, Vice President (2009 – 2010), of the Linguistics Club, Rutgers University**

Prepare and moderate monthly meetings and other activities; coordinate presentations from internal and external speakers.

*Updated April 2018.*