

Jonathan Keane

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Current position

PhD Candidate, University of Chicago, Department of Linguistics

Areas of specialization

Articulatory phonetics and phonology, signed languages, ASL, fingerspelling, syntax, morphology, variation, data analysis, computational approaches to linguistics

Education

- 2014 PhD (anticipated) in Linguistics, University of Chicago
Dissertation title (working) Towards an articulatory model of handshape:
What fingerspelling tells us about the phonetics and phonology of handshape in ASL.
Advisors Diane Brentari and Jason Riggle
- 2007 BA (Magna cum Laude) in Linguistics, University of Florida
BA Thesis Nominal Incorporation in English
Advisor D. Gary Miller

Awards + funding

- 2013–2015 NSF Doctoral Dissertation Research Improvement Grant
Coarticulation and the phonetics of fingerspelling
BCS1251807
- 2013 Nominated for best student presentation at TISLR 11 for *Towards an articulatory model of handshape*
- 2013–2014 Mellon Humanities Dissertation-Year Fellowship
- 2010 Rella I Cohn fund Graduate student research funding – ASL fingerspelling data collection
- 2008– Graduate Aid Initiative University of Chicago
- 2007 University Scholars Program University of Florida

Papers + talks

Proceedings

- 2013 Jonathan Keane, Diane Brentari, Jason Riggle. Coarticulation in ASL fingerspelling. In *Proceedings of the North East Linguistic Society*, vol. 42.

Book chapters

- forthcoming Jonathan Keane, Diane Brentari, Jason Riggle. Segmentation and pinky extension in ASL fingerspelling. In Eric Raimy, Chuck Cairns eds., *The Segment in Phonology and Phonetics*.

Conference presentations

- 2014 Jonathan Keane, Leah Geer. “Holds or Transitions: Which Is More Important?” Chicago Linguistics Society

- 2013 **Jonathan Keane.** “What handshake tells us about active versus inactive articulators” Phonology 2013
- 2013 **Jonathan Keane,** Jason Riggle, Diane Brentari. “The Timing of ASL Fingerspelling” Texas Linguistics Society 14
- 2013 **Jonathan Keane.** “Towards an articulatory model of handshake” Theoretical Issues in Sign Language Research 11; London, UK
- 2013 Diane Brentari, Alessio Di Renzo, **Jonathan Keane,** Virginia Volterra. “Handshape (HS) as an Expression of Agency across Languages and Cultures” Theoretical Issues in Sign Language Research 11
- 2013 **Jonathan Keane.** “Developing an articulatory model of handshake” Midwest Speech and Language Days 2013
- 2012 **Jonathan Keane,** Diane Brentari, Jason Riggle. “Handshape assimilation in ASL fingerspelling” Societas Linguistica Europaea, Loanwords as Evidence in Formal Linguistics
- 2012 **Jonathan Keane,** Diane Brentari, Jason Riggle. “Categorical vs. Gradient: What ASL fingerspelling teaches us about the phonetics-phonology interface” Texas Linguistics Society 13
- 2012 **Jonathan Keane,** Diane Brentari, Jason Riggle. “Segments in ASL fingerspelling” CUNY Phonology Forum Conference on the Segment
- 2012 **Jonathan Keane,** Diane Brentari, Jason Riggle. “Handshape and coarticulation in ASL fingerspelling” Linguistic Society of America 2012 Annual Meeting
- 2011 **Jonathan Keane,** Susan Rizzo, Diane Brentari, Jason Riggle. “Phonetic coding of fingerspelling” Building sign language corpora in North America
- 2011 **Jonathan Keane,** Erin Dahlgren, Jason Riggle. “Variation in segment duration in ASL fingerspelling” Linguistic Society of America 2011 Annual Meeting

Invited talks

- 2014 **Jonathan Keane.** “Variation in fingerspelling: time, pinky extension, and what it means to be active” Gesture in Accented Language workshop at University of Illinois at Urbana-Champaign
- 2013 **Jonathan Keane.** “Variation in fingerspelling: time, pinky extension, and what it means to be active” Language Variation and Change; Language, Cognition, and Computation workshops
- 2011 **Jonathan Keane.** “Data coding of, and transition time in, ASL fingerspelling” The Language, Cognition, and Computation workshop, University of Chicago

Posters

- 2014 **Jonathan Keane,** Diane Brentari, Jason Riggle. “The timing of ASL fingerspelling” Linguistic Society of America 2014 Annual Meeting
- 2013 **Jonathan Keane,** Diane Brentari, Jason Riggle. “Dispelling prescriptive rules in ASL fingerspelling: the case of -E-” Theoretical Issues in Sign Language Research 11; London, UK
- 2012 **Jonathan Keane,** Diane Brentari, Jason Riggle. “Pinky extension coarticulation in ASL fingerspelling” Illinois Speech Day
- 2011 **Jonathan Keane,** Diane Brentari, Jason Riggle. “Co-articulation in ASL fingerspelling” North East Linguistic Society 42: University of Toronto

Qualifying papers

- 2011 **Jonathan Keane.** *A new look at scrambling in Japanese* University of Chicago defended 24 May 2011
Advisors: Karlos Arregi and Ming Xiang
- 2010 **Jonathan Keane.** *Segment duration and the phonetics of fingerspelling ASL* University of Chicago defended 18 October 2010 Advisors: Jason Riggle and Diane Brentari

Experience

- 2011– **Lab Manager** [Sign Language Linguistics Laboratory](#) University of Chicago

2009–	Diane Brentari <i>Research Assistant</i> Chicago Language Modeling Laboratory Jason Riggle Automated sign language recognition working group	University of Chicago
2006	<i>Research Assistant</i> Variation in Control Structures Eric Potsdam	University of Florida

Teaching

2013	<i>Topic Instructor</i> Phonological Analysis 2 – Jason Riggle <i>Topics</i> Data coding, data analysis, R, statistical methods
2012	<i>Lecturer</i> Introduction to Linguistics
2012	<i>Teaching Assistant</i> Introduction to Linguistics – Ryan Bochnak <i>Guest lecture</i> Sign Language Linguistics
2012	<i>Teaching Assistant</i> Introduction to Phonetics and Phonology – Alan Yu
2011	<i>Guest lecture</i> Sign Language Linguistics – The phonetics of fingerspelling and its relation to ASL
2011	<i>Teaching Assistant</i> Introduction to Syntax – Amy Dahlstrom <i>Guest lecture</i> Crosslinguistic syntactic reflexes of topic and focus

Service

2011–2013	<i>Coordinator</i> Council on Advanced Studies workshop: Language, Cognition, and Computation
2013	<i>Reviewer</i> 49th Annual Meeting of the Chicago Linguistic Society
2012	<i>Reviewer</i> 48th Annual Meeting of the Chicago Linguistic Society
2011	<i>Graduate Coordinator</i> for prospective student recruitment activities
2011	<i>Reviewer</i> 47th Annual Meeting of the Chicago Linguistic Society
2011	<i>Graduate student liaison</i> to faculty
2009–10	<i>Officer and conference organizer</i> Chicago Linguistic Society
2010	<i>Reviewer</i> 46th Annual Meeting of the Chicago Linguistic Society
2009	<i>Reviewer</i> 45th Annual Meeting of the Chicago Linguistic Society (Committee: Syntax)

Memberships

2013–	Sign Language Linguistics Society
2008–	Linguistic Society of America

Languages

English (native), American Sign Language (fluent), German (reading), Japanese (basic), Hebrew (basic)

Computer languages + applications

Python, R, SQL, \LaTeX , (x)HTML, PHP, C, ELAN, microcontrollers, emacs, OpenOffice, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Mac OS X, Linux/UNIX, PhaseSpace motion capture equipment