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

2013   **Jonathan Keane**. "What handshape 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 handshape" 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 handshape" 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

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

Teaching

2013   *Topic Instructor* Phonological Analysis 2 – Jason Riggle
       Topics Data coding, data analysis, R, statistical methods

2012   *Lecturer* Introduction to Linguistics
2012   *Teaching Assistant* Introduction to Linguistics – Ryan Bochnak
       Guest lecture Sign Language Linguistics

2012   *Teaching Assistant* Introduction to Phonetics and Phonology – Alan Yu
2011   *Guest lecture* Sign Language Linguistics – The phonetics of fingerspelling and its relation to ASL

2011   *Teaching Assistant* Introduction to Syntax – Amy Dahlstrom
       Guest lecture Crosslinguistic syntactic reflexes of topic and focus

Service

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