

HOSSEP DOLATIAN

Department of Linguistics
Stony Brook University

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RESEARCH INTERESTS

Computational linguistics, mathematical linguistics, Armenian linguistics, morphology, morpho-phonology, prosody, phonology, Semitic linguistics.

EDUCATION

- | | |
|--------------------|---|
| 2020
(expected) | Ph.D. in Linguistics
Stony Brook University: Stony Brook, NY
Dissertation title: <i>Armenian morphophonology: Logic and theory</i> |
| 2016 | M.A. in Linguistics
University of Delaware: Newark, DE |
| 2016 | CELTA (University of Cambridge ESOL Certificate in English Language Teaching to Adults), PASS
International House: Beirut, Lebanon |
| 2014 | B.A. in English Language with Minor in Computer Science
Lebanese American University: Beirut, Lebanon |

PUBLICATIONS

- | | |
|-----------|---|
| To appear | Hossep Dolatian and Jeffrey Heinz. Reduplication with finite-state technology. In <i>Proceedings of the 53rd Annual Meeting of the Chicago Linguistics Society</i> . to appear |
| | Hossep Dolatian . Armenian prosody: a case for prosodic stems. In <i>Proceedings of the 53rd Annual Meeting of the Chicago Linguistics Society</i> . to appear |
| | Hossep Dolatian . Cyclicity and prosody in Armenian stress-assignment. In <i>University of Pennsylvania Working Papers in Linguistics</i> , volume 25. to appear |
| 2018 | Hossep Dolatian and Jeffrey Heinz. Modeling reduplication with 2-way finite-state transducers. In <i>Proceedings of the 15th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology</i> , Brussels, Belgium, October 2018. Association for Computational Linguistics |
| | Hossep Dolatian and Jeffrey Heinz. Learning reduplication with 2-way finite-state transducers. In <i>Proceedings of The 14th International Conference on Grammatical Inference</i> , Proceedings of Machine Learning Research, Wrocław, Poland, September 2018 |
| 2017 | Angeliki Athanasopoulou, Irene Vogel, and Hossep Dolatian . Acoustic properties of canonical and non-canonical stress in French, Turkish, Armenian and Brazilian Portuguese. In <i>Proceedings of Interspeech 2017</i> , pages 1398–1402. 2017 |

ACCEPTED

- Forthcoming **Hossep Dolatian**. The computational complexity of precedence-based phonology. In Jeffrey Heinz, editor, *Doing Computational Phonology*. Oxford University Press, Oxford
- Hossep Dolatian**. Obstruent voicing assimilation in Russian. In Jeffrey Heinz, editor, *Doing Computational Phonology*. Oxford University Press, Oxford

PRESENTATIONS

- 2018 **Hossep Dolatian** and Jeffrey Heinz. Modeling reduplication with 2-way finite-state transducers, October 31, 2018. Poster presented 15th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology, Brussels, Belgium
- Hossep Dolatian** and Jeffrey Heinz. Learning reduplication with 2-way finite-state transducers, September 7, 2018. Paper presented [by Jeffrey Heinz] at the 14th International Conference on Grammatical Inference, Wrocław, Poland
- Thomas Graf, Alëna Aksënova, Hyunah Baek, Aniello De Santo, **Hossep Dolatian**, Sedigheh Moradi, Jonathan Rawski, Suji Yang, and Jeffrey Heinz. Tiers and relativized locality across language modules, July 9, 2018. Paper presented [by Aniello De Santo] at the Parallels Between Phonology & Syntax, Amsterdam, the Netherlands
- Hossep Dolatian** and Jeffrey Heinz. The computational typology and modeling of reduplication, May 4, 2018. Paper presented at the Tenth North American Phonology Conference (NAPhCX), Montreal, Canada
- Hossep Dolatian** and Jeffrey Heinz. Computational models of morphological copying, April 4, 2018. Poster presented at the 3rd Annual Institute for Advanced Computational Science (IACS) Research Day, Stony Brook, NY
- Hossep Dolatian**. Phonological constituents in Armenian: when cyclicity misaligns. Paper presented at the 42nd Penn Linguistics Conference, Philadelphia, PA, March 24, 2018
- Angeliki Athanasopoulou, Irene Vogel, and **Hossep Dolatian**. The manifestation of predictable stress: Turkish and Armenian. Paper presented [by Irene Vogel] at the 3rd Bi-annual Conference on Central Asian Languages and Linguistics, Bloomington, IN, March 3, 2018
- Hossep Dolatian**. Phonological constituents in Armenian: when cyclicity misaligns. Paper presented at the 3rd Bi-annual Conference on Central Asian Languages and Linguistics, Bloomington, IN, March 2, 2018

- Jeffrey Heinz, Kristina Strother-Garcia, Mai Ha Vu, **Hossep Dolatian**, and Herbert Tanner. Integrating the sciences of language learning, activity recognition, human-robot interaction, and pediatric rehabilitation. Paper presented [by Strother-Garcia] at the Linguistic Society of America Annual Meeting, Showcase: Expanding the Reach of Linguistics: Collaborations with Other Disciplines and Beyond, Salt Lake City, UT, January 6, 2018
- 2017 **Hossep Dolatian**. Phonological constituents in Armenian. Paper presented at SYNC, Yale, New Haven, CT, December 9, 2017
- Hossep Dolatian** and Jeffrey Heinz. Reduplication and finite-state machinery. Paper presented at the 53rd Annual Meeting of the Chicago Linguistics Society, Chicago, IL, May 26, 2017
- Hossep Dolatian**. Armenian prosody: a case for prosodic stems. Paper presented at the 53rd Annual Meeting of the Chicago Linguistics Society, Chicago, IL, May 25, 2017
- Irene Vogel, Angeliki Athanasopoulou, and **Hossep Dolatian**. Acoustic properties of canonical and non-canonical stress in French, Turkish, Armenian and Brazilian Portuguese. Paper presented [by Angeliki Athanasopoulou] at Interspeech 2017, Stockholm, Sweden, August 22, 2017
- Irene Vogel, Angeliki Athanasopoulou, and **Hossep Dolatian**. Are the acoustic properties of canonical and non-canonical stress the same?, January 7, 2017. Paper presentation [by Angeliki Athanasopoulou] at LSA Annual Meeting, Austin, Texas
- 2016 **Hossep Dolatian**. The computational complexity of mapping phonology to phonetics, May 7, 2016. Poster presented at the Ninth North American Phonology Conference (NAPhC9), Montreal, Canada
- Hossep Dolatian**. The computational complexity of mapping phonology to phonetics, March 4, 2016. Paper presented at Cognitive Science Graduate Student Conference, University of Delaware, Newark, DE

GRANTS & FELLOWSHIPS

- 2016 **Summer Research Grant**
\$2000 awarded from the Department of Linguistics and Cognitive Science, University of Delaware to recorded collect acoustic data on (Beirut Western) Armenian stress.
- 2011-2014 **Merit Scholarship**
100% tuition waiver was awarded from the Lebanese American University.

TEACHING EXPERIENCE

- 2018 Fall – Present **Teaching Assistant**, Stony Brook University: Stony Brook, NY
Phonology (LIN 301): 2018 Fall
 Instructor: Dr. José Elías-Ulloa
- 2014 Fall – 2017 Spring **Teaching Assistant**, University of Delaware: Newark, DE
Science of Language: 2013 Fall, 2014 Spring
 Instructor: Dr. David Rubio Vallejo
Introduction to Linguistics (LING 101): 2015 Fall
 Instructor: Dr. Gabriella Hermon
Introduction to Linguistics (LING 101): 2016 Spring
 Instructor: Dr. Darrell Larson
Laboratory Phonetics: 2016 Fall
 Instructor: Dr. Ben Parrell
Acoustic Phonetics: 2016 Spring
 Instructor: Dr. Ben Parrell
- 2016 Summer **CELTA Student-Teacher**, International House: Beirut, Lebanon

RESEARCH EXPERIENCE

- 2018-Present **“Perception and Production of Clitics”**
 Lab manager and programmer
 PIs: Dr. Alice Harris (University of Massachusetts Amherst) and Dr. Arthur Samuel (Stony Brook University).
 NSF Grant BSC-1729256, 2017-2020
- 2017-2018 **“GEAR - Grounded Early Adaptive Rehabilitation”**
 Research Assistant
 PIs: Dr. Jeffrey Heinz (Stony Brook University), Dr. Herbert Tanner (University of Delaware), Dr. Cole Galloway (University of Delaware), and Rene Vidal (John Hopkins University).
 National Institute of Health R01-HD08133-01
- 2016 **“Finding the Acoustic Properties of Prominence in Armenian”**, University of Delaware: Newark, DE
 Data collection, research, and acoustic analysis. Advisor: Dr. Irene Vogel.
- 2013–2014 **“Critical discourse analysis of Biblical prophecy”**, Lebanese American University: Beirut, Lebanon
 Senior Study. Advisor: Dr. Dany Badran.

OTHER WORK EXPERIENCE

- 2015 Summer **Freelance Writer**, Fanovit.com: Beirut, Lebanon
- 2014 Spring **Editor and Proofreader**, Lebanese American University: Beirut, Lebanon
 USP Changed My Life, *The USAID University Scholarship Program*

SERVICE

2018 Fall	Organizer , Linguistics Skillz Hour,
2018 Spring	Co-Organizer , Linguistics Colloquium Series, Stony Brook University: Stony Brook, NY
2017 Fall	Co-Organizer , NECPHON 2017: The 2017 Northeast Computational Phonology Workshop, Stony Brook University: Stony Brook, NY
2016-2017	Organizing committee member , LSRL47: The 47 th Linguistic Symposium on Romance Languages, University of Delaware: Newark, DE
2016 Spring	Co-Organizer , Phonology Group, University of Delaware: Newark, DE

LANGUAGE SKILLS

Armenian (native), **English** (near-native), **Arabic** (advanced)

COMPUTER SKILLS

Programming	JAVA, PYTHON, C++, Haskell, Lisp
Other	\LaTeX , Microsoft Office, E-Prime