

GAJA JAROSZ  
September 1, 2018

Department of Linguistics  
N410 Integrative Learning Center  
University of Massachusetts  
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POSITIONS HELD

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2015 - present	Associate Professor (with tenure), Department of Linguistics, University of Massachusetts, Amherst.
2013 - 2015	Associate Professor (untenured), Department of Linguistics, Yale University.
2013 - 2014	Visiting Scholar, Department of Linguistics & Philosophy, MIT.
2007 - 2013	Assistant Professor, Department of Linguistics, Yale University.
2006 - 2007	Visiting Assistant Professor in Phonology, Department of Linguistics, University of Massachusetts, Amherst.

EDUCATION

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2006	Ph.D. Johns Hopkins University, Baltimore, Maryland Department of Cognitive Science Thesis Title: <i>Rich Lexicons and Restrictive Grammars – Maximum Likelihood Learning in Optimality Theory</i> Committee: Paul Smolensky (chair), Bruce Tesar, Robert Frank, Jason Eisner, Fred Jelinek
2003	M.A. Johns Hopkins University, Baltimore, Maryland Department of Cognitive Science Thesis Title: <i>Modeling Structure and Category Learning Separately: A Model of Phrasal Categories</i>
2003	European Summer School in Logic, Language, Information Vienna, Austria
2001	B.A. Washington University, St. Louis, Missouri First Major: Social Thought and Analysis Second Major: Mathematics – Probability and Statistics Track

PEER-REVIEWED PUBLICATIONS

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In prep.                      Gaja Jarosz. Indexed Morphemes and Locality Conditions on Polish Yer Deletion.

## GAJA JAROSZ

- In prep. Aleksei Nazarov & Gaja Jarosz. Statistical learning of stress parameters without domain-specific learning mechanisms.
- In prep. Gaja Jarosz & Amanda Rysling. The Roles of Prior Bias and Phonological Structure in Phonotactic Learning.
- Under Revision Gaja Jarosz. Expectation Driven Learning of Phonology. Submitted.
- To appear / 2019 Gaja Jarosz. Computational Modeling of Phonological Learning. To appear in *Annual Review of Linguistics* (5).
- 2017 Gaja Jarosz. Defying the Stimulus: Acquisition of Complex Onsets in Polish. In *Phonology* 34(2). 269-298
- 2017 Gaja Jarosz, Shira Calamaro & Jason Zentz. Input Frequency and the Acquisition of Syllable Structure in Polish. In *Language Acquisition* 24(4). 261-399.  
<https://doi.org/10.1080/10489223.2016.1179743>.
- 2016 Gaja Jarosz. Investigating the Efficiency of Parsing Strategies for the Gradual Learning Algorithm. In *Dimensions of Stress*. Cambridge University Press.
- 2016 Gaja Jarosz. Computational Models of Learning with Violable Constraints. Invited chapter for Jeff Lidz, William Snyder, & Joe Pater (eds.), *The Oxford Handbook of Developmental Linguistics*. Oxford University Press.
- 2015 Shira Calamaro & Gaja Jarosz. Learning General Phonological Rules from Distributional Information: A Computational Model. In *Cognitive Science* 39 (3), 647-666.  
doi: 10.1111/cogs.12167
- 2014 Natalie Schrimpf & Gaja Jarosz. Comparing Models of Phonotactics for Word Segmentation. Association of Computational Linguistics: *SIGMORPHON 2014*.
- 2013 Gaja Jarosz. Learning with Hidden Structure in Optimality Theory and Harmonic Grammar: Beyond Robust Interpretive Parsing. *Phonology* 30(1), 27-71. Cambridge University Press.
- 2013 Gaja Jarosz and J. Alex Johnson. The Richness of Distributional Cues to Word Boundaries in Speech to Young Children. *Language Learning and Development* 9(2), 175-210.
- 2010 Gaja Jarosz. Implicational Markedness and Frequency in Constraint-Based Computational Models of Phonological Learning. In *Journal of Child Language* 37(3), Special Issue on Computational Models of Child Language Learning, 565-606.
- 2006 Gaja Jarosz. Richness of the Base and Probabilistic Unsupervised Learning in Optimality Theory. Association for Computational Linguistics: *Proceedings of the Eighth Meeting of the ACL Special Interest Group in Computational Phonology*.
- 2002 Matthew Snover, Gaja Jarosz, and Michael Brent. Unsupervised Learning of Morphology Using a Novel Directed Search Algorithm: Taking the First Step. Association for Computational Linguistics: *Proceedings of the Workshop on Morphological and Phonological Learning*.

## GAJA JAROSZ

### CONFERENCE PROCEEDINGS (ABSTRACT REVIEWED)

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- 2017 Gaja Jarosz & Amanda Rysling. Sonority Sequencing in Polish: the Combined Roles of Prior Bias and Experience. *Proceedings of the 2016 Annual Meetings on Phonology*, USC.
- 2017 Aleksei Nazarov & Gaja Jarosz. Learning Parametric Stress without Domain-Specific Mechanisms. *Proceedings of the 2016 Annual Meetings on Phonology*, USC.
- 2016 Gaja Jarosz. Learning Opaque and Transparent Interactions in Harmonic Serialism. *Proceedings of the 2015 Annual Meetings on Phonology*, Vancouver, BC.
- 2015 Kasia Hitczenko & Gaja Jarosz. Cognitive Limitations Impose Advantageous Constraints on Word Segmentation. *Proceedings of the 39<sup>th</sup> Annual Meeting of the Boston University Conference on Language Development (BUCLD)*, Boston, MA.
- 2014 Gaja Jarosz. Serial Markedness Reduction. *Proceedings of the 2013 Annual Meetings on Phonology 1(1)*, Amherst, MA.
- 2013 Gaja Jarosz. Naïve parameter learning for Optimality Theory - The hidden structure problem. *Proceedings of the 40<sup>th</sup> Annual Meeting of the North East Linguistic Society (NELS)*, vol. 2, 1-14.
- 2011 Gaja Jarosz. The Roles of Phonotactics and Frequency in the Learning of Alternations. *Proceedings of the 35<sup>th</sup> Annual Meeting of the Boston University Conference on Language Development (BUCLD)*, Boston, MA.
- 2009 Gaja Jarosz. Restrictiveness in Phonological Grammar and Lexicon Learning. *Proceedings of the 43<sup>rd</sup> Annual Meeting of the Chicago Linguistic Society (CLS)*, Chicago, Illinois.
- 2008 Gaja Jarosz. Partial Ranking and Alternating Vowels in Polish. In Rodney L. Edwards, Patrick J. Midtlyng, Colin L. Sprague, and Kjersti G. Stensrud, eds., *Proceedings of the Chicago Linguistic Society 41*, vol. 1. Chicago: CLS, 193-206.
- 2006 Gaja Jarosz. Polish Yers and the Finer Structure of Output-Output Correspondence. In Cover, Rebecca T. and Yuni Kim, eds., *Proceedings of the 31st Annual Meeting of the Berkeley Linguistics Society*. Berkeley, CA: Berkeley, 181-192.

### OTHER WRITTEN WORK

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- 2007 Gaja Jarosz. Stages of Acquisition without Ranking Biases: the Roles of Frequency and Markedness in Phonological Learning. In M. Becker (ed.), *UMass Occasional Papers in Linguistics 36*.
- 2006 Gaja Jarosz. Rich Lexicons and Restrictive Grammars – Maximum Likelihood Learning in Optimality Theory. PhD dissertation, Johns Hopkins University, Baltimore, Maryland. Rutgers Optimality Archive #884.

### CORPORA & SOFTWARE

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- In prep. Gaja Jarosz and Alexandra Nyman. Polish Corpus Tools.  
Software for performing automatic conversion of Polish text to phonetic transcription and for searching phonological neighborhoods.

## GAJA JAROSZ

- 2018 Jarosz, Gaja & Anderson, Carolyn. 2018. Hidden Structure Suite: Version 2. <http://github.com/gajajarosz/hidden-structure>  
Software for learning of hidden phonological structure, including prosodic structure and underlying representations. Public release of implementations of six learning models I have proposed in recent work (RRIP/OT, EIP/OT, RRIP/HG, EIP/HG, EDL Batch, EDL Online) and existing alternatives (RIP/OT, RIP/HG, RIP/EDCD, among others).
- 2013 Weist-Jarosz Corpus of Child Polish. Publicly available as part of the PhonBank Project of CHILDES (<http://childes.psy.cmu.edu/browser/index.php?url=Slavic/Polish/WeistJarosz/>). Phonetic transcription of 35 audio recordings of spontaneous speech productions of 4 children acquiring Polish.

### INVITED TALKS

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- Jan 2019 Gaja Jarosz. TBA. Invited talk at the Second Annual Meeting of the Society for Computation in Linguistics (SCiL), NYC.
- May 2018 Gaja Jarosz. Expectation Drive Learning of Phonology: Learning Biases and UG. Invited talk, University of Amsterdam, Netherlands.
- April 2017 Gaja Jarosz. Sonority Sequencing in Polish: Interaction of Prior Bias and Experience. Invited talk, Department of Linguistics, MIT.
- Nov 2016 Gaja Jarosz. Sonority Sequencing in Polish: Interaction of Prior Bias and Experience. Invited talk, Department of Linguistics, UCLA.
- Oct 2016 Gaja Jarosz. Refining UG: Connecting Phonological Theory and Learning. Invited talk, *North East Linguistic Society 47 (NELS 47)*. Amherst, MA.
- Sep 2016 Gaja Jarosz. Modeling Phonological Structure: Connecting Theory and Data. Invited talk, *Workshop on Advances in Linguistic Theory through Computation at the 2016 Annual Meeting of the Linguistics Association of Great Britain*. York, UK.
- May 2016 Gaja Jarosz. Sonority Sequencing in Polish: Defying the Stimulus? Invited talk, *Formal Approaches to Slavic Linguistics*. Ithaca, NY.
- Mar 2016 Gaja Jarosz. Sonority Sequencing in Polish: Defying the Stimulus? Invited talk, Department of Linguistics, University of Chicago, Illinois.
- Nov 2015 Gaja Jarosz. Sonority Sequencing in Polish: Defying the Stimulus? Invited talk, SUNY Stony Brook Linguistics Department Colloquium Series, Stony Brook, NY.
- Oct 2015 Gaja Jarosz. Modeling Acquisition of Phonological Structure: Nature vs. Nurture. Invited talk, Washington University Linguistics Program, St. Louis, MO.
- Mar 2015 Gaja Jarosz. Sonority Sequencing in Polish: Defying the Stimulus? Invited talk, Department of Linguistics, University of Massachusetts, Amherst.
- Mar 2014 Gaja Jarosz. Modeling the Acquisition of Phonological Structure. Invited talk, Harvard University *Language Universals Workshop*, Cambridge, MA.
- Feb 2014 Gaja Jarosz. Learning Probabilistic Phonology: Integrating Theoretical, Developmental, and Computational Perspectives. Invited talk, Department of Linguistics, University of Colorado, Boulder.

## GAJA JAROSZ

- Nov 2013 Gaja Jarosz. Searching for Phonological Universals: Computational Modeling of Sound Structure Acquisition. Invited talk, Tufts University, *Cognitive and Brain Sciences Colloquium*, Medford, MA.
- Nov 2012 Gaja Jarosz. Learning Phonology with Hidden Structure. Invited talk, *University of Delaware Workshop on Stress and Accent*. Newark, DE.
- May 2012 Gaja Jarosz. Learning Phonology: Integrating Theoretical, Computational & Developmental Perspectives. Invited talk, *Mayfest 2012: The Role of Computational Models in Linguistic Theory*. University of Maryland, College Park, MD.
- May 2012 Gaja Jarosz. Learning Hidden Structure in OT and HG. Invited talk, University of Massachusetts Department of Linguistics Colloquium, Amherst, MA.
- May 2010 Gaja Jarosz. Typological Universals and Grammar Induction. Invited commentary, *Cornell Workshop on Grammar Induction*, Cornell, Ithaca, NY.
- May 2009 Gaja Jarosz. Learning of Phonology: Integrating Developmental and Computational Perspectives. Invited talk, New York University Phonetics/Phonology Lab, New York, NY.
- April 2008 Gaja Jarosz. Online learning of phonology via Stochastic Partial Orders. Invited talk, Rutgers Optimality Research Group, New Brunswick, NJ.
- April 2008 Gaja Jarosz. Markedness and Probability in Phonological Learning. Invited talk, SUNY at Stony Brook, NY.
- February 2006 Gaja Jarosz. Maximum Likelihood Learning of Phonology. Invited talk: Yale University Department of Linguistics Colloquium, New Haven, Connecticut.

### REFEREED CONFERENCE PRESENTATIONS

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- May 2018 Gaja Jarosz. Indexed Morphemes and Locality Conditions on Polish Yer Deletion. Talk at the *26<sup>th</sup> Manchester Phonology Meeting*, Manchester, England.
- June 2017 Gaja Jarosz & Amanda Rysling. Sonority Sequencing in Polish: Experimental and Computational Implications for UG. *Approaches to Phonetics and Phonology*, Lublin, Poland.
- Oct 2016 Gaja Jarosz & Amanda Rysling. Sonority Sequencing in Polish: the Combined Roles of Prior Bias and Experience. *Proceedings of the 2016 Annual Meetings on Phonology*, USC.
- Oct 2016 Aleksei Nazarov & Gaja Jarosz. Learning Parametric Stress without Domain-Specific Mechanisms. *Proceedings of the 2016 Annual Meetings on Phonology*, USC.
- Oct 2015 Gaja Jarosz. Learning Opaque and Transparent Interactions in Harmonic Serialism. Paper presentation at the *Annual Meetings on Phonology 2015*, Vancouver, BC.
- May 2015 Gaja Jarosz. Phonotactic Probability and Sonority Sequencing in Polish Initial Clusters. Paper presented at the *23<sup>rd</sup> Manchester Phonology Meeting*, Manchester, England.
- April 2015 Gaja Jarosz. Phonotactic Probability and Sonority Sequencing in Polish Initial Clusters. Paper presented at the *GLOW Computational Phonology Workshop*, Paris, France.

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- Nov 2014 Kasia Hitczenko & Gaja Jarosz. Cognitive Limitations Impose Advantageous Constraints on Word Segmentation. Paper presented at the *39<sup>th</sup> Annual Meeting of the Boston University Conference on Language Development (BUCLD)*, Boston, MA.
- Jul 2014 Kasia Hitczenko & Gaja Jarosz. Cognitive Limitations Impose Advantageous Constraints on Word Segmentation. Poster presentation at COGSCI 2014.
- Jun 2014 Natalie Schrimpf & Gaja Jarosz. Comparing Models of Phonotactics for Word Segmentation. Paper presentation at *SIGMORPHON 2014*, Baltimore, MD.
- Jan 2014 Gaja Jarosz. Stochastic, Reward-Based Learning of Hidden Structure in Phonology. Paper presentation at *11<sup>th</sup> Meeting of the Old World Conference in Phonology*, Leiden, Holland.
- Jan 2014 Gaja Jarosz. Stochastic, Reward-Based Learning of Hidden Structure in Phonology. Paper presentation at *89<sup>th</sup> Annual Meeting of the Linguistic Society of America*, Minneapolis, MN.
- Nov 2013 Gaja Jarosz. Serial Markedness Reduction. Paper presentation at *Phonology 2013*, Amherst, MA.
- Nov 2011 Gaja Jarosz, Shira Calamaro, & Jason Zentz. Measures of Frequency and the Acquisition of Syllable Structure in Polish. Poster presented at *The 36<sup>th</sup> Annual Meeting of the Boston University Conference on Language Development (BUCLD)*, Boston, MA.
- Nov 2010 Gaja Jarosz. The Roles of Phonotactics and Frequency in the Learning of Alternations. Paper presented at *The 35<sup>th</sup> Annual Meeting of the Boston University Conference on Language Development (BUCLD)*, Boston, MA.
- Jan 2010 Gaja Jarosz. Pairwise ranking learning for optimality theory - The hidden structure problem. *84<sup>th</sup> Annual Meeting of the Linguistic Society of America*, Baltimore, MD.
- Nov 2009 Gaja Jarosz. Naïve parameter learning for Optimality Theory - The hidden structure problem. *40<sup>th</sup> Annual Meeting of the North East Linguistic Society (NELS)*, MIT, Cambridge, MA.
- Mar 2009 Gaja Jarosz. Effects of lexical frequency and phonotactics on learning of morphophonological alternations. Talk at *Learning meets Acquisition: the learnability of linguistic frameworks from formal and cognitive perspective*, Osnabrueck, Germany.
- Oct 2008 J. Alex Johnson, Ahmet Aktay, Dan McClory, and Gaja Jarosz. Exploring the Predictive Power of Distributional Cues to Word Boundaries in Three Languages. Poster presented at the *Boston University Conference on Child Development*.
- May 2007 Gaja Jarosz. Restrictiveness in Phonological Grammar and Lexicon Learning. *43<sup>rd</sup> Annual Meeting of the Chicago Linguistic Society*, Chicago, Illinois.
- Jun 2006 Gaja Jarosz. Richness of the Base and Probabilistic Unsupervised Learning in Optimality Theory. Association for Computational Linguistics: *Proceedings of the Eighth Meeting of the ACL Special Interest Group in Computational Phonology*.
- Jan 2006 Gaja Jarosz. Probabilistic Unsupervised Learning of Optimality Theoretic Grammars. *3<sup>rd</sup> Annual Meeting of the Old World Conference in Phonology*, Budapest, Hungary.
- Jan 2006 Gaja Jarosz. A Probabilistic Unsupervised Algorithm for Learning Optimality Theoretic Grammars. *80<sup>th</sup> Annual Meeting of the Linguistic Society of America*, Albuquerque, New Mexico.
- Mar 2005 Gaja Jarosz. Partial Ranking and Alternating Vowels in Polish. *41<sup>st</sup> Annual Meeting of the Chicago Linguistic Society*, Chicago, Illinois.

## GAJA JAROSZ

- Feb 2005 Gaja Jarosz. Polish Yers and the Finer Structure of Output-Output Correspondence. *31<sup>st</sup> Annual Meeting of the Berkeley Linguistics Society*, Berkeley, California
- Jan 2004 Gaja Jarosz. Separating Structure and Category Learning: A Model of Phrasal Categories. *78<sup>th</sup> Annual Meeting of the Linguistic Society of America*, Boston, Massachusetts.
- Oct 2003 Gaja Jarosz. Modeling Variation in the Case Acquisition of Polish: Partial Ranking vs. Stochastic OT. *7th Workshop on Optimality Theory Syntax*, Nijmegen, Netherlands.
- Apr 2003 Gaja Jarosz. Separating Structure and Category Learning: A Model of Phrasal Categories. *Bootstrapping in Language Acquisition: Psychological, Linguistic, and Computational Aspects*, Bloomington, Indiana.

### WORKSHOP PRESENTATIONS

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- October 2015 Gaja Jarosz. Learning Opaque and Transparent Interactions in Harmonic Serialism. *9<sup>th</sup> Annual Northeast Computational Phonology Meeting*, University of Delaware, Newark, DE.
- October 2012 Gaja Jarosz, Shira Calamaro, & Jason Zentz. Frequency and Learning Biases in Acquisition of Syllable Structure. *6<sup>th</sup> Annual Northeast Computational Phonology Meeting*, UMD, College Park, MD.
- October 2010 Gaja Jarosz. Beyond Robust Interpretative Parsing for the Gradual Learning Algorithm. *4<sup>th</sup> Annual Northeast Computational Phonology Meeting*, UMass, Amherst, MA.
- October 2009 Gaja Jarosz. Learning Phonology with Stochastic Partial Orders. *3rd Annual Northeast Computational Phonology Meeting*, MIT, Cambridge, MA.
- November 2008 Gaja Jarosz and J. Alex Johnson. Comparing Phonotactic Cues to Word Boundaries in Three Languages. *2nd Annual Northeast Computational Phonology Meeting*, Yale, New Haven, Connecticut.
- November 2007 Gaja Jarosz. Deriving Phonological Acquisition Stages: the Roles of Markedness and Frequency. *1st Annual Northeast Computational Phonology Meeting*, Amherst, MA.

### TEACHING

AT UNIVERSITY OF MASSACHUSETTS (2015-PRESENT)

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|-------------------------------|---|
| Fall 2015, 2016, 2017, 2018   | Linguistics 603: Generative Phonology                             |
| Spring 2016 (co-taught)       | Linguistics 606: Phonological Theory                              |
| Fall 2017                     | Linguistics 692C: Cognitive Modeling                              |
| Spring 2016, 2017 (co-taught) | Linguistics 791B: Sound Workshop                                  |
| Spring 2017                   | Linguistics 797C: Computational Phonology Seminar                 |
| Spring 2018                   | Linguistics 751: Lexically-Conditioned Phonology & Exceptionality |
| Spring 2016, 2017, 2018, 2019 | Linguistics 402: Speech Sounds and Structure                      |
| Spring 2019                   | Linguistics 492: Computational Linguistics                        |
| Spring 2019 (co-taught)       | Linguistics TBA: (online) Python for Linguists                    |

## GAJA JAROSZ

### AT YALE UNIVERSITY (2007-2015)

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Spring 2013	Linguistics 220/720: Origins of Sound Structure
Spring 2008, 2011	Linguistics 251b/651b: Learnability and Development
Fall 2007, 2008, 2010, 2011, 2012, Spring 2015	Linguistics 141a/541a/Psych 327a: Language and Computation
Fall 2011, 2012	Linguistics 132/532: Introduction to Phonological Analysis
Spring 2008, 2009, 2011, 2012, 2015	Linguistics 135b/535b: Phonological Theory
Spring 2009, 2013 & Fall 2010	Linguistics 224b/624b: Formal Foundations of Linguistic Theories
Fall 2008	Linguistics 240a/640a: Topics in Phonology: Variation
Spring 2012	Linguistics 242/642: Topics in Phonology: Probability

### AT UNIVERSITY OF MASSACHUSETTS (2006-2007)

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Spring 2007	Linguistics 606: Phonological Theory
Fall 2006	Linguistics 730: Proseminar in Phonological Theory
Fall 2006	Linguistics 402: Speech Sounds and Structure

### ADVISING DISSERTATIONS

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2018-present	Brian Collins, University of Queensland <i>Investigating phonetic properties of Polish alternating (yer) vowels</i> External dissertation committee member (Erich Round, chair)
2018	Jeroen Breteler, University of Amsterdam <i>A foot-based typology of tonal reassociation: Perspectives from synchrony and learnability</i> External dissertation committee member (Paul Boersma & René Kager, co-chairs)
2015-2016	Aleksei Nazarov <i>Extending Hidden Structure Learning: Features, Opacity, and Exceptions</i> Co-chair of dissertation
2015-2017	Amanda Rysling Dissertation committee member
2011-2017	Shira Calamaro <i>Stratal Harmonic Serialism: Theoretical and Computational Implications</i> Chair (former) of dissertation (external committee member as of 7/1/2015)



## GAJA JAROSZ

- 2014 Tsung-Ying Chen (Phd candidate, University of Alberta, Canada)  
*Probabilistic Selection of Input in Morphophonological Acquisition*  
External dissertation committee member
- 2011 Crystal Akers (Phd candidate, Rutgers University, Department of Linguistics)  
*Simultaneous Learning of Hidden Linguistic Structures*  
External dissertation committee member
- 2008 - 2011 Scott McClure  
*Automatic Induction of Phonology and Inflectional Morphology*  
Co-chair of dissertation

### SUPERVISION OF QUALIFYING PAPERS, PORTFOLIO PAPERS & SENIOR ESSAYS

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- 2018-present Max Nelson – Learning allomorphy  
Committee member for 1<sup>st</sup> generals paper
- 2017-2018 Andrew Lamont – Subregular Serial Phonology  
Committee member for 1<sup>st</sup> generals paper
- 2017-2018 Brandon Prickett – Connectionist learning biases of infixation  
Committee member for 2<sup>nd</sup> generals paper
- 2016-2017 Brandon Prickett – Complexity in Phonological Alternation Learning  
Committee member for 1<sup>st</sup> generals paper
- 2016-present Jaieun Kim  
Committee chair for 1<sup>st</sup> generals paper
- 2016-2017 Thuy Bui  
Committee chair for 1<sup>st</sup> & 2<sup>nd</sup> generals paper
- 2015-present Rodica Ivan  
Committee chair for 1<sup>st</sup> and 2<sup>nd</sup> generals paper
- 2015-2016 Ivy Hauser – Input Contextual Constraints in Harmonic Serialism  
Committee member for 2<sup>nd</sup> generals paper
- 2016 Amanda Rysling – Polish Yers Revisited  
Committee member for 2<sup>nd</sup> generals paper
- 2012-2015 Jennifer Runds – Computational Models of Sound Change  
Supervisor of Annotated Bibliography and Field Exam
- 2013-2014 Katarzyna Hitczenko – Word Segmentation with Distributional and Lexical Cues  
Supervisor of Senior Essay
- 2013-2014 Natalie Schrimpf – Enriched Phonotactic Models for Word Segmentation  
Supervisor of Qualifying Paper
- 2012-2013 Sophia Gilman – *Automatic Reconstruction and Phylogenetic Inference*  
Supervisor of Senior Essay
- 2012-2013 Hannah LaPalombara – *An Optimality Theory Approach to Phonological Variation in Kimberley Kriol*  
Co-supervisor of Senior Essay

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2012	Sabina Matyiku – <i>Connectionist Modeling of Long-distance Wh-Movement</i> Second Reader of Qualifying Paper
2012	Jason Zentz – <i>Labial attraction and labial blocking of progressive front vowel harmony in Warlpiri: A Serial Harmony approach</i> Supervisor of Qualifying Paper
2012	Emily Gasser – <i>Wamesa Verbal Infixation: An Amphichronic Approach</i> Co-supervisor of Qualifying Paper
2011-2012	Gregg Castellucci – portfolio paper in phonology Jennifer Runds – portfolio paper in phonology Sara Sanchez – portfolio paper in phonology
2011-2012	Alysia Harris – portfolio paper in phonology Yao-Ying Lai – portfolio paper in phonology
2011	Shira Calamaro – <i>Alternations in Phonological Acquisition</i> Supervisor of Qualifying Paper
2008-2009	J. Alex Johnson – <i>Phonotactic Cues to Word and Morpheme Boundaries</i> Supervisor of Senior Essay
2008	E-Ching Ng – portfolio paper in phonology Michael Freedman – portfolio paper in phonology Leandro Bolanos – portfolio paper in phonology
Spring 2008	Nancy Liang - <i>Morpho-Syntactic Acquisition in Adult Second Language Learner: The Distance-Difficult Relation Model</i> Second Reader of Senior Essay
Fall 2007	Scott McClure - <i>Morpho-phonological parsing</i> Supervisor of Qualifying Paper

### OTHER ADVISING

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Fall 2018	Max Nelson – hidden structure learning RA supervisor
Summer 2018	Alexandra Nyman – software development for Polish Corpus Tools RA supervisor
2017-2018	Garrett Sager – Opacity Database Undergraduate RA co-supervisor
Summer 2017	Mina Puig – Opacity Database Undergraduate RA co-supervisor
Spring 2017	Andrew Lamont – computational modeling of opacity and UR learning. RA supervisor
Fall 2016	Carolyn Anderson – GUI interface for hidden structure learning software. RA supervisor
Spring 2016	Aleksei Nazarov – computational modeling of parameteric stress learning. RA supervisor

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Fall 2015 – 2016	Amanda Rysling – consonant cluster phonotactics and their acquisition in Polish. RA supervisor
Fall 2014 - 2016	Kasia Hitczenko (joint project) – <i>Modeling Cognitive Limitations in Word Segmentation</i> .
Fall 2010 - 2015	Shira Calamaro & Jason Zentz (joint project) – <i>Input Frequency &amp; Learning Bias in the Acquisition of Syllable Structure in Polish</i>
2012 - 2013	Eli Feldman, Achutha Raman, Isaac Hudis - Freshman Faculty Advisor
2011 - 2012	Angela Cain & Dana Schneider - Freshman Faculty Advisor
2010 - 2011	Kasia Hitczenko and Gosia Rejniak Training and Supervision in Phonetic transcription of child speech in Polish
2010 - 2011	Sophia Grais & Nicholas Sas - Freshman Faculty Advisor
Fall 2010	Shira Calamaro, Emily Gasser, Sabina Matyiku, & Jason Zentz (joint project) – <i>The Predictiveness of Frequency and Markedness in Phonological Acquisition</i>
Spring 2008	J. Alex Johnson, Ahmet Aktay, Dan McClory (joint project) - <i>Exploring the Predictive Power of Distributional Cues to Word Boundaries in Three Languages</i>
Spring 2008	Kate Dobiecka – <i>The Acquisition of Polish Consonant Clusters</i> Supervisor
2007 –2009	Maria Castellanos and David Mackenzie Training and Supervision in Phonetic transcription of child speech in Polish

### ACADEMIC SERVICE

#### UNIVERSITY & DEPARTMENT

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2018-present	Psycholinguistics Search Committee Member, Department of Linguistics / Cognitive Science
2018-present	Graduate Program Director, Department of Linguistics
2017-present	Co-Founder and Organizer of Computational Linguistics Community
2016-present	Commonwealth Honors College Program Director for Linguistics
2017-2018	TO Supervisor
Spring 2016	UMass Linguistics Graduate Admissions Committee
Spring 2015	Co-chair of Graduate Admissions Open House
Spring 2015	Graduate Admissions Committee Member, Department of Linguistics
Spring 2015	Faculty mentor for NACLO competition training
Fall 2014	Acting Director of Graduate Studies, Department of Linguistics
Fall 2014	Faculty Reappointment Evaluation Committee, Department of Linguistics
Fall 2014	Organizer, Departmental Climate Meeting for Women of Linguistics
2014-2015	Co-organizer, Professional Development Series for Graduate Students, Department of Linguistics

## GAJA JAROSZ

2014-2015	Career Placement Officer for Graduate Students, Department of Linguistics
2007-present	Founder and co-organizer of CLAY (Computational Linguistics at Yale) research group
2013	Member, Search Committee for Lecturer Position in Linguistics
2013	Member, Review Committee for Yale College Dean's Research Fellowship in the Humanities and Social Sciences
2012-2013	Chair, Linguistics Department Colloquium Series Committee
2011-2012	Member & Diversity Representative, Phonology Search Committee
2011-2012	Chair, Linguistics Department Website Committee
2011	Co-chair of Graduate Admissions Open House
2009	Co-founder and co-organizer of Yale Phonology Group
2004-2005	Co-founder of the Johns Hopkins Linguistics Research Group
2004	Department of Cognitive Science Representative, Johns Hopkins Graduate Representative Organization
2004	Vice President, Trojka – Johns Hopkins International Film Group
2002	JHU Center for Language and Speech Processing Website Construction Committee

### CONFERENCE & WORKSHOP ORGANIZATION

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2018-2019	Co-organizer – 2 <sup>nd</sup> annual meeting of <i>Society for Computation in Linguistics (SCiL)</i> , to be held at LSA 2019.
2016-2018	Co-founder and Co-organizer - <i>Society for Computation in Linguistics (SCiL)</i> and the associated first annual meeting, to be held at LSA 2018.
Spring 2017	Co-organizer - PhoNE: Phonology in the Northeast, to be held at UMass, Amherst, April 2017.
Fall 2016	Co-organizer - NECPHON: Northeast Computational Phonology Workshop, to be held at UMass, Amherst, Fall 2016.
Spring 2015	Co-organizer - PhoNE: Phonology in the Northeast, held at Yale, Spring 2015.
Fall 2011	Organizer - NECPHON: Northeast Computational Phonology Workshop, held at Yale, Fall 2011.
Fall 2008	Organizer - NECPHON: Northeast Computational Phonology Workshop, held at Yale, November 15, 2008.
Spring 2008	Organizing Committee Member - FASL: Formal Approaches to Slavic Linguistics, held at Yale.
Fall 2007	Co-Founder & Organizing Committee Member - NECPHON: Northeast Computational Phonology Workshop, held at Amherst, MA.
Spring 2006	Organizing Committee Member - HUMDRUM: Annual Graduate Student Conference on Optimality Theory

## GAJA JAROSZ

### EDITORIAL BOARDS, REVIEWING & PROGRAM COMMITTEES

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Boards	<i>Phonology (2016-2020) – Editorial Board Member</i>
Journals & Book Chapters	<i>Phonology (2010 - present)</i> <i>Linguistic Inquiry (2008, 2016-2017)</i> <i>Glossa (2016-2017)</i> <i>Yearbook of the Poznań Linguistic Meeting (2016)</i> <i>Lingua (2015)</i> <i>Dimensions of Stress, CUP (2014)</i> <i>Language and Linguistics Compass (2010)</i> <i>Journal of Child Language (JCL) (2009)</i> <i>Natural Language and Linguistic Theory (NLLT) (2008)</i> <i>Language Resources and Evaluation (2008)</i>
Conferences	Program Committee: Special Interest Group in Computational Morphology and Phonology (ACL: SIGMORPHON) (2018) Program Committee: Special Interest Group in Computational Morphology and Phonology (ACL: SIGMORPHON) (2016) NELS (2016) Annual Meetings on Phonology (2015-2018) Generative Linguistics in the Old World (GLOW)(2015) Florida Linguistics Yearly Meeting (2014) Old World Conference in Phonology 11 (2013) Annual Meetings on Phonology (2013) Program Committee: Cognitive Modeling and Computational Linguistics Workshop (ACL: CMCL) (2012) Program Committee: Special Interest Group in Computational Morphology and Phonology (ACL: SIGMORPHON) (2012) Cognitive Modeling and Computational Linguistics Workshop (ACL: CMCL) (2011) North American Chapter of the Association for Computational Linguistics - Human Language Technologies (NAACL-HLT) (2009) North East Linguistics Society (NELS) (2009) Formal Approaches to Slavic Linguistics (FASL) (2008)
Other	National Science Foundation (NSF) (2010-2014)

## GAJA JAROSZ

### GRANTS, HONORS AND AWARDS

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2018-2020	PI. NSF Conference Grant 1832737: Learning Hidden Linguistic Structure (\$17,922)
2016-2019	Co-PI. NSF Grant 1424077: Computing Constraint-Based Derivations: Phonological Opacity and Hidden Structure Learning (\$317,613)
2001-2004	Johns Hopkins University Owens Fellowship
Summer 2000	Joint Program in Survey Methodology Junior Fellow
1997-2001	Washington University Scholarship

### LANGUAGES AND NATIONALITY

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Languages:	English (native), Polish (fluent), French (rudimentary)
Citizenship:	United States and Poland (dual citizenship)