THOMAS GRAF

CV

Contact Information

Department of Linguistics   mail@thomasgraf.net
Stony Brook University   https://thomasgraf.net
Stony Brook, NY 11794-4376
USA

July 7, 2019

Research Interests

- Mathematical linguistics
  - Subregularity in phonology, morphology, and syntax
  - Minimalist grammars
  - Model-theoretic syntax
- Parsing theory & syntactic processing
- Generative syntax
  - Binding
  - Economy, locality and encoding of constraints
  - Island constraints
  - Morphosyntax

Academic Employment and Affiliations

2019–present	Associate Professor Department of Linguistics, Stony Brook University
2015–present	Affiliate Professor Institute for Advanced Computational Science (IACS), Stony Brook University
2013–2019	Assistant Professor Department of Linguistics, Stony Brook University

Education

2010–2013	**University of California, Los Angeles** Ph.D. in Linguistics

- Thesis: *Local and Transderivational Constraints in Syntax and Semantics*
- Committee: **Edward P. Stabler** (chair), **David Kaplan**, **Edward L. Keenan**, **Dominique Sportiche**

2008–2010	**University of California, Los Angeles** M.A. in Linguistics

- Thesis: *Logics of Phonological Reasoning*
- Committee: **Edward P. Stabler** (chair), **Robert Daland**, **Edward L. Keenan**, **Kie Zuraw**

2003–2007	**University of Vienna** Mag.phil. ($\approx$ M.A.) in Linguistics

- Thesis: *From Vagueness to Disaster: On the Intricacies of Feature Checking*
- Committee: **Wolfgang U. Dressler** (chair), **Chris Schaner-Wolles**

Refereed Journal Papers

[5] **2019**. Monotonicity as an effective theory of morphosyntactic variation. *Journal of Language Modelling*. to appear.

[4] **2017**. A computational guide to the dichotomy of features and constraints. *Glossa* 2. 1–36. https://doi.org/10.5334/gjgl.212.

[3] **2017**. The power of locality domains in phonology. *Phonology* 34. 385–405. https://doi.org/10.1017/S0952675717000197.

[2] **2017** (with and James Monette and Chong Zhang). Relative clauses as a benchmark for Minimalist parsing. *Journal of Language Modelling* 5. 57–106. https://doi.org/10.15398/jlm.v5i1.157.

[1] **2007**. Agreement with hybrid nouns in Icelandic. *Snippets* 16. Available at: http://www.ledonline.it/snippets/, 7–8.

Invited Book Chapters

[2] **Forthcoming**. Distributed morphology and computational linguistics. In Artemis Alexiadou, Alec Marantz, Isabel Oltra-Massuet & Ruth Kramer (eds.), *Handbook of Distributed Morphology*. Cambridge, MA: Cambridge University Press.

[1] **Forthcoming** (with Jonathan Rawski, Alëna Aksënova and Jeffrey Heinz). The computational nature of hamony patterns. In Harry van der Hulst (ed.), *Handbook of vowel harmony*. Oxford, UK: Oxford University Press.

Refereed Book Chapters

[3] **to appear**. Locality in flux. In Balázs Surányi (ed.), *Minimalist approaches to syntactic locality in natural language*. Berlin: Springer.

[2] **2012**. Concealed reference-set computation: How syntax escapes the parser's clutches. In Anna Maria Di Sciullo (ed.), *Towards a biolinguistic understanding of grammar. Essays on interfaces*, 339–362. Amsterdam: John Benjamins.

[1] **2010**. Formal parameters of phonology: From Government Phonology to SPE. In Thomas Icard & Reinhard Muskens (eds.), *Interfaces: Explorations in logic, language and computation*, vol. 6211 (Lectures Notes in Artifical Intelligence), 72–86. Berlin: Springer.

Paper-Reviewed Proceedings Papers

[18] **2019** (with Mai Ha Vu and Nazila Shafiei). Case assignment in TSL syntax: a case study. In Gaja Jarosz, Max Nelson, Brendan O'Connor & Joe Pater (eds.), *Proceedings of the society for computation in linguistics (scil) 2019*, 267–276. https://doi.org/10.7275/sywz-xw23.

[17] **2019** (with and Nazila Shafiei). C-command dependencies as TSL string constraints. In Gaja Jarosz, Max Nelson, Brendan O'Connor & Joe Pater (eds.), *Proceedings of the society for computation in linguistics (scil) 2019*, 205–215.

[16] **2018** (with and Connor Mayer). Sanskrit n-retroflexion is input-output tier-based strictly local. In *Proceedings of SIGMORPHON 2018*, 151–160.

[15] **2018**. Grammar size and quantitative restrictions on movement. In *Proceedings of the Society for Computation in Linguistics (SCiL) 2018*, 23–33. https://doi.org/10.7275/R5348HJ8.

[14] **2017**. Graph transductions and typological gaps in morphological paradigms. In *Proceedings of the 15th meeting on the mathematics of language (MOL 2017)*, 114–126.

[13] **2016** (with Alëna Aksënova and Sedigheh Moradi). Morphotactics as tier-based strictly local dependencies. In *Proceedings of the 14th SIGMORPHON workshop on computational research in phonetics, phonology, and morphology*, 121–130.

[12] **2016** (with and Alëna Aksënova and Aniello De Santo). A single movement normal form for Minimalist grammars. In Annie Foret, Glyn Morrill, Reinhard Muskens, Rainer Osswald & Sylvain Pogodalla (eds.), *Formal Grammar: 20th and 21st international conferences, FG 2015, Barcelona, Spain, August 2015, revised selected papers. FG 2016, Bozen, Italy, August 2016*, 200–215. Berlin, Heidelberg: Springer. https://doi.org/10.1007/978-3-662-53042-9_12.

[11] **2016** (with Aniello De Santo and Alëna Aksënova). An alternate view on strong lexicalization in TAG. In *Proceedings of the 12th international workshop on Tree Adjoining Grammars and related formalisms (TAG+12)*, 93–102. Düsseldorf, Germany.

[10] **2015** (with, Brigitta Fodor, James Monette, Gianpaul Rachiele and Aunika Warren and Chong Zhang). A refined notion of memory usage for minimalist parsing. In *Proceedings of the 14th meeting on the mathematics of language (MOL 2015)*, 1–14. Chicago, USA: Association for Computational Linguistics.

[9] **2014** (with and Bradley Marcinek). Evaluating evaluation metrics for Minimalist parsing. In *Proceedings of the 2014 ACL workshop on cognitive modeling and computational linguistics (CMCL)*, 28–36.

[8] **2014**. Late merge as lowering movement in Minimalist grammars. In Nicholas Asher & Sergei Soloviev (eds.), *LACL 2014*, vol. 8535 (Lecture Notes in Computer Science), 107–121. Heidelberg: Springer. https://doi.org/10.1007/978-3-662-43742-1_9.

[7] **2014**. Models of adjunction in Minimalist grammars. In Glynn Morrill, Reinhard Muskens, Rainer Osswald & Frank Richter (eds.), *Formal Grammar 2014*, vol. 8612 (Lecture Notes in Computer Science), 52–68. Heidelberg: Springer. https://doi.org/10.1007/978-3-662-44121-3_4.

[6] **2012**. Locality and the complexity of Minimalist derivation tree languages. In Philippe de Groot & Mark-Jan Nederhof (eds.), *Formal Grammar 2010/2011*, vol. 7395 (Lecture Notes in Computer Science), 208–227. Heidelberg: Springer. https://doi.org/10.1007/978-3-642-32024-8_14.

[5] **2012**. Movement-generalized Minimalist grammars. In Denis Béchet & Alexander J. Dikovsky (eds.), *LACL 2012*, vol. 7351 (Lecture Notes in Computer Science), 58–73. https://doi.org/10.1007/978-3-642-31262-5_4.

[4] **2012**. Reference-set constraints as linear tree transductions via controlled optimality systems. In Philippe de Groote & Mark-Jan Nederhof (eds.), *Formal Grammar 2010/2011*, vol. 7395 (Lecture Notes in Computer Science), 97–113. Heidelberg: Springer. `https://doi.org/10.1007/978-3-642-32024-8_7`.

[3] **2011**. Closure properties of Minimalist derivation tree languages. In Sylvain Pogodalla & Jean-Philippe Prost (eds.), *LACL 2011*, vol. 6736 (Lecture Notes in Artificial Intelligence), 96–111. Heidelberg: Springer. `https://doi.org/10.1007/978-3-642-22221-4_7`.

[2] **2010**. Some interdefinability results for syntactic constraint classes. In Christian Ebert, Gerhard Jäger & Jens Michaelis (eds.), *The mathematics of language*, vol. 6149 (Lecture Notes in Computer Science), 72–87. Heidelberg: Springer.

[1] **2009**. Towards a factorization of string-based phonology. In Thomas Icard (ed.), *Proceedings of the 14th student session of the European summer school for logic, language and information (ESSLLI)*, 72–84.

Abstract-Reviewed Proceedings Papers

[7] **2018**. Locality domains and phonological c-command over strings. In *Nels 48: proceedings of the forty-eighth annual meeting of the north east linguistic society*, vol. 1, 257–270. Amherst, MA: GLSA.

[6] **2018**. Why movement comes for free once you have adjunction. In Daniel Edmiston, Marina Ermolaeva, Emre Hakgüder, Jackie Lai, Kathryn Montemurro, Brandon Rhodes, Amara Sankhagowit & Miachel Tabatowski (eds.), *Proceedings of CLS 53*, 117–136.

[5] **2014**. Feature geometry and the Person Case Constraint: an algebraic link. In *Proceedings of CLS 50*. To appear.

[4] **2013**. The syntactic algebra of adjuncts. In *Proceedings of CLS 49*. To appear.

[3] **2012**. Tree adjunction as Minimalist lowering. In *Proceedings of the 11th international workshop on Tree Adjoining Grammars and related formalisms (TAG+11)*, 19–27.

[2] **2012** (with and Natasha Abner). Is syntactic binding rational? In *Proceedings of the 11th international workshop on Tree Adjoining Grammars and related formalisms (TAG+11)*, 189–197.

[1] **2010**. Comparing incomparable frameworks: a model theoretic approach to phonology. *University of Pennsylvania Working Papers in Linguistics* 16(2). Article 10.

Non-Refereed Publications

[6] **2017**. Derivations as representations: News from the computational frontier. In Clemens Mayr & Edwin Williams (eds.), *Festschrift for Martin Prinzhorn*, vol. 82 (Wiener Linguistische Gazette), 61–69.

[5] **2014**. Beyond the apparent: Cognitive parallels between syntax and phonology. In Carson T. Schütze & Linnaea Stockall (eds.), *Connectedness: Papers by and for Sarah van Wagenen*, vol. 18 (UCLA Working Papers in Linguistics), 161–174.

[4] **2012**. An algebraic perspective on the Person Case Constraint. In Thomas Graf, Denis Paperno, Anna Szabolcsi & Jos Tellings (eds.), *Theories of everything. In honor of Ed Keenan*, vol. 17 (UCLA Working Papers in Linguistics), 85–90.

[3] **2010**. A tree transducer model of reference-set computation. *UCLA Working Papers in Linguistics* 15, Article 4. 1–53.

[2] **2010**. *Logics of phonological reasoning*. University of California, Los Angeles MA thesis.

[1] **2007**. *From vagueness to disaster: on the intricacies of feature checking*. University of Vienna MA thesis.

Edited Publications

[2] **2012** (with, Denis Paperno and Anna Szabolcsi and Jos Tellings), eds. *Theories of Everything. In Honor of Ed Keenan*. Vol. 17. (UCLA Working Papers in Linguistics).

[1] **2010**, ed. *Papers in Mathematical Linguistics 1*. Vol. 15. (UCLA Working Papers in Linguistics).

Invited Talks

[25] **2019**. *Features: more trouble than they're worth?* Invited talk, May 27, Workshop on *Thirty Million Theories of Syntactic Features*, University of Tromsø, Tromsø, Norway.

[24] **2018**. *Subregular syntax: the what, how, and why*. Invited talk, December 1, SYNC, Stony Brook University, Stony Brook, NY.

[23] **2018**. *The surprising simplicity of syntax: derivation trees, subregular complexity, and what it implies for language and cognition*. Invited talk, November 26, Integrated Language Science and Technology Seminar, University of Pennsylvania, Philadelphia, PA.

[22] **2018**. *Pogo sticks and wasps: a skeptic's guide to computational linguistics*. Invited talk, October 11, Kasisto Inc, New York City, New York.

[21] **2017**. *One reason to move, a million reasons to be an island: Third-factor explanations from computational syntax*. Invited talk, December 15, Rutgers University, New Brunswick, NJ.

[20] **2017**. *Subregular morpho-semantics: The expressive limits of monomorphemic quantifiers*. Invited talk, December 15, Rutgers University, New Brunswick, NJ.

[19] **2017**. *Do we need features for morphosyntax?* Invited talk, June 26, Workshop on Morphomathematics, Leibniz-Zentrum für Allgemeine Sprachwissenschaft, Berlin, Germany.

[18] **2017**. *It's a (sub-)regular conspiracy: Locality and computation in phonology, morphology, syntax, and semantics*. Invited talk, May 25–27, CLS, University of Chicago, Chicago, IL.

[17] **2017**. *Fragments of first-order logic for linguistic structures*. Invited talk, April 21, UConn Logic Group, University of Connecticut, Storrs, CT.

[16] **2016**. *Computational parallels across language modules*. Invited talk, September 12, Department of Linguistics, Yale University, New Haven, CT.

[15] **2016**. *Computational lessons from and for language*. Invited talk, April 28, IACS, Stony Brook University, Stony Brook, NY.

[14] **2015**. *Towards an algebraic morphosyntax*. Invited talk, December 16, Department of Theoretical and Applied Linguistics, Moscow State University, Moscow, Russia.

[13] **2015**. *Computational unity across language modules*. Invited talk, December 15, Department of Theoretical and Applied Linguistics, Moscow State University, Moscow, Russia.

[12] **2015**. *Adjuncts, conjuncts, ojuncts: Deriving strong island constraints*. Invited talk, Institute of Linguistics, Russian Sate University for the Humanities (RGGU), Moscow, Russia.

[11] **2015**. *Syntax and phonology: A computational common core*. Department of Mathematical Linguistics, Saint Petersburg State University, St. Petersburg, Russia.

[10] **2015**. *Formal processing theory, or parsing without parsers*. Slides of a talk given at the Workshop on Minimalist Parsing, October 9–12, MIT, Boston, MA.

[9] **2014**. *Adjuncts, islands, algebra (with a sprinkling of semantics)*. Invited talk, November 4, CUNY Graduate Center, New York, NY.

[8] **2014**. *Person case constraints and feature complexity in syntax*. Invited talk, January 9, Institut für Sprachwissenschaft, Universität Wien, Vienna, Austria.

[7] **2013**. *Computational computational linguistics*. Invited talk, December 4, Department of Psychology, Stony Brook University, Stony Brook, NY.

[6] **2013**. *Optionality implies islandhood*. Invited talk, November 1, Department of Linguistics, NYU, New York, NY.

[5] **2013**. *Islands without islands*. Invited talk, October 4, Department of Linguistics and Cognitive Science, University of Delaware, Newark, DE.

[4] **2013**. *Constraints emerge from Merge*. Invited talk, February 12, Department of Linguistics, Stony Brook University, Stony Brook, NY.

[3] **2010**. *Syntax, semantics, pragmatics: Where do we find optimality?* Invited talk, December 15, Institut für Anglistik, Universität Göttingen, Göttingen, Germany.

[2] **2010**. *Optimality conditions could care less about optimality*. Invited talk, December 10, Zentrum für Allgemeine Sprachwissenschaft (ZAS), Berlin, Germany.

[1] **2010**. *Reference-set computation = Minimalism + transformational rules?* Invited talk, December 8, Institut für Linguistik, Universität Bielefeld, Bielefeld, Germany.

Other Talks & Posters

[47] **2019** (with and Sabine Laszakovits). *Diagnosing movement via the absence of c-command relations*. Slides presented at the 43rd Penn Linguistics Colloquium (PLC43), March 22–24, University of Pennsylvania, Philadelphia, PA.

[46] **2019** (with and Nazila Shafiei). *C-command dependencies as TSL string constraints*. Poster presented at *SCiL 2019*, January 3–6, co-located with the LSA 2019.

[45] **2019** (with Sedigheh Moradi and Alëna Aksënova). *The computational cost of generalizations: an example from micromorphology*. Poster presented at *SCiL 2019*, January 3–6, co-located with the LSA 2019.

[44] **2019** (with Mai Ha Vu and Nazila Shafiei). *Case assignment in TSL syntax: a case study*. Poster presented at *SCiL 2019*, January 3–6, co-located with the LSA 2019.

[43] **2018** (with and Connor Mayer). *Sanskrit n-retroflexion is input-output tier-based strictly local*. Poster presented at SIGMORPHON 2018, October 31, Brussels, Belgium.

[42] **2018**. *Adjunction to movement paths: Floating quantifiers as the little brother of parasitic gaps*. Poster presented at the 49th Annual Meeting of the North East Linguistic Society (NELS 49), October 5–7, Cornell University, Ithaca, NY.

[41] **2018** (with, Alëna Aksënova, Hyunah Baek, Aniello De Santo, Hossep Dolatian, Sedigheh Moradi, Jon Rawski and Suji Yang and Jeffrey Heinz). *Tiers and relativized locality across language modules*. Slides of a talk given at the 1-day workshop Parallels Between Phonology and Syntax, July 9, Meertens Instituut, Amsterdam, Netherlands.

[40] **2018**. *Grammar size and quantitative restrictions on movement*. Slides of a talk given at SCiL 2018, January 4-7, Utah.

[39] **2017**. *Locality domains and phonological c-command over strings*. Slides of a talk given at the 48th Annual Meeting of the North East Linguistic Society (NELS 48), October 27–29, University of Iceland, Reykjavík, Iceland.

[38] **2017**. *Syntax in phonology? C-command over strings*. Slides of a talk given at NECPhon 2017, October 21, Stony Brook University, Stony Brook, NY.

[37] **2017** (with Aniello De Santo and John E. Drury). *Evaluating subregular distinctions in the complexity of generalized quantifiers*. Poster presented at the ESSLLI Workshop on Quantifiers and Determiners (QUAD 2017), July 17 – 21, University of Toulouse, France.

[36] **2017**. *Graph transductions and typological gaps in morphological paradigms*. Slides of a talk given at the 15th meeting on the mathematics of language (MOL 2017), July 13–14, Queen Mary University of London, London, UK.

[35] **2016** (with Alëna Aksënova and Sedigheh Moradi). *Tier-based strict locality in phonology and morphology*. Slides of a talk given at the 10th Northeast Computational Phonology Meeting (NECPhon), September 24, UMass Amherst, Amherst, MA.

[34] **2016** (with and Alëna Aksënova and Aniello De Santo). *A single movement normal form for Minimalist grammars*. Slides of a talk given at the 21st Conference on Formal Grammar, August 20–21, Bolzano, Italy.

[33] **2016** (with Alëna Aksënova and Sedigheh Moradi). *Morphotactics as tier-based strictly local dependencies*. Slides of a talk given at the 14th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology, August 11, Berlin, Germany.

[32] **2016** (with Aniello De Santo and Alëna Aksënova). *An alternate view on strong lexicalization in TAG*. Slides of a talk given at the 12th International Workshop on Tree Adjoining Grammars and Related Formalisms, June 29 – July 1, Düsseldorf, Germany.

[31] **2015** (with, Brigitta Fodor, James Monette, Gianpaul Rachiele and Aunika Warren and Chong Zhang). *A refined notion of memory usage for Minimalist parsing*. Slides of a talk given at MOL14, July 25–26, University of Chicago, Chicago, IL.

[30] **2015**. *A hidden consensus: Computational invariants of Minimalist syntax*. Poster presented at The Road Ahead, May 28–30, Athens, Greece.

[29] **2015** (with and Jeffrey Heinz). *Commonality in disparity: The computational view of syntax and phonology*. Slides of a talk given at GLOW 2015, April 18, Paris, France.

[28] **2015**. *A computational guide to the dichotomy of features and constraints*. Slides of a talk given at DGfS 2015, April 15–18, University of Leipzig, Leipzig, Germany.

[27] **2014**. *Dependencies in syntax and phonology: A computational comparison*. Slides of a talk given at NECPHON 2014, November 15, NYU, New York, New York.

[26] **2014**. *Models of adjunction in Minimalist grammars*. Slides of a talk given at FG2014, August 16–17, University of Tübingen, Tübingen, Germany.

[25] **2014** (with and Bradley Marcinek). *Evaluating evluation metrics for Minimalist parsing*. Slides for a talk given at Cognitive Modeling and Computational Linguistics (CMCL 2014), June 26, Baltimore, MD.

[24] **2014**. *Late Merge as lowering movement in Minimalist grammars*. Slides of a talk given at LACL 2014, June 18–20, IRIT, Toulouse, France.

[23] **2014**. *Feature geometry and the person case constraint: An algebraic link*. Slides of a talk given at CLS 50, April 10–12, University of Chicago, Chicago, IL.

[22] **2013**. *The syntactic algebra of adjuncts*. Slides of a talk given at CLS 49, April 18–22, University of Chicago, Chicago, IL.

[21] **2013**. *The price of freedom: Why adjuncts are islands*. Slides of a talk given at the Deutsche Gesellschaft für Sprachwissenschaft 2013, March 12–15, University of Potsdam, Potsdam, Germany.

[20] **2013**. *Of tops and bottoms: The algebra of person case constraints*. Slides of a talk given at the Souther California Students in Linguistics Conference 2013 (SCSiL 2013), January 18, University of Southern California, Los Angeles, CA.

[19] **2012** (with and Natasha Abner). *Is syntactic binding rational?* Poster presented at the 11th International Workshop on Tree Adjoining Grammars and Related Formalisms (TAG+11), September 26–28, University Paris-Diderot, Paris, France.

[18] **2012**. *Tree adjunction as Minimalist lowering*. Slides of a talk given at the 11th International Workshop on Tree Adjoining Grammars and Related Formalisms (TAG+11), September 26–28, University Paris-Diderot, Paris, France.

[17] **2012**. *Movement-generalized Minimalist grammars*. Slides of a talk given at LACL 2012, July 2–4, LINA, Nantes, France.

[16] **2012** (with Natasha Abner). *Binding complexity and the status of pronouns in english and asl*. Poster presented at Formal and Experimental Advances in Sign Language (FEAST), June 1–2, University of Warsaw, Warsaw, Poland.

[15] **2012** (with Natasha Abner). *The complexity of binding in English and ASL*. Slides of a talk given at CLS 48, April 19–21, University of Chicago, Chicago, IL.

[14] **2012**. *Why there must be exceptions to Principle B*. Poster presented at the 30th West Coast Conference on Formal Linguistics (WCCFL 30), April 13–15, UCSC, Santa Cruz, CA.

[13] **2011**. *Locality and the complexity of Minimalist derivation tree languages*. Slides of a talk presented at the 16th Conference on Formal Grammar (FG-2011), August 6, 2011, Ljubljana, Slovenia.

[12] **2011**. *Closure properties of Minimalist derivation tree languages*. Slides of a talk given at LACL 2011, June 29–July 1, LIRMM, Montpellier, France.

[11] **2011**. *Optimality is not a race: Against a performance-based view of reference-set computation*. Slides of a talk given at Glow 34, April 28–30, 2011, University of Vienna, Vienna, Austria.

[10] **2011**. *Lost in translation: A formal model of Merge-over-Move and its implications for the language faculty*. Slides of a talk given at ConSOLE XIX, January 5–8, 2011, University of Groningen, Groningen, Netherlands.

[9] **2010**. *Efficient computation at the interfaces*. Poster presented at On Linguistic Interfaces II (OnLI II), December 2–4, 2010, University of Ulster, Belfast, United Kingdom.

[8] **2010**. *Rethinking transderivationality*. Slides of a talk given at the 41st annual meeting of the North East Linguistic Society (NELS 41), October 22–24, University of Pennsylvania, Philadelphia, PA.

[7] **2010**. *Reference-set constraints as linear tree transductions via controlled optimality systems*. Slides of a talk presented at the 15th Conference on Formal Grammar (FG-2010), August 7–8, 2010, University of Copenhagen, Copenhagen, Denmark.

[6] **2010**. *Concealed reference-set computation or how syntax escapes the parser's clutches*. Poster presented at The Language Design, May 27–29, UQAM, Montreal, Canada.

[5] **2009**. *Locality in flux — reducibility results for syntactic constraints*. Poster presented at the Conference on Minimalist Approaches to Syntactic Locality (MASL), August 26 – 28, Research Institute for Linguistics of the Hungarian Academy of Sciences, Budapest, Hungary.

[4] **2009**. *Some interdefinability results for syntactic constraint classes*. Slides of a talk given at the Eleventh Meeting on the Mathematics of Language (MOL11), August 20 – 21, Universität Bielefeld, Bielefeld, Germany.

[3] **2009**. *Towards a factorization of string-based phonology*. Slides of a talk given at the 14th ESSLLI Student Session, July 20 – 31, Université Bordeaux, Bordeaux, France.

[2] **2009**. *Comparing incomparable frameworks — a model theoretic approach to phonology*. Handout of a talk given at the 33rd Penn Linguistics Colloquium (PLC33), March 27 – 29, University of Pennsylvania, Philadelphia, PA.

[1] **2008**. *Ein modelltheoretischer Blick auf syntaktische Constraints*. Handout of a talk given at Generative Grammatik des Südens 2008 (GGS 08), May 2-4, ZAS Berlin, Germany.

Awards, Grants & Prizes

2019	NSF CAREER Award
	Project: *Abstract Universals of (Morpho)Syntax: Computational Characterizations*

and Empirical Implications
National Science Foundation

Dean's Award for Excellence in Graduate Teaching by a Faculty Member
Stony Brook University

2018	Grant for Teaching and Learning with New Technology (TALENT) Project: *Using Jupyter Notebooks as an Interactive, Open Source Learning Platform for Mathematics in Linguistics* **Stony Brook University**
	President's Distinguished Travel Grant Award **Stony Brook University**
	AHLSS Graduate Fellows and Faculty Research Program **Stony Brook University**
2015	Research Initiative Grant for Faculty in the Fine Arts, Humanities, and Lettered Social Sciences (FAHSS) Project: *Human Sentence Processing as a Window into Efficient Structure Inference* **Stony Brook University**
2014	E.W. Beth Dissertation Prize for Outstanding Dissertations in Logic, Language, and Information **Association for Logic, Language and Information**
2010 & 2011	DOC-Fellowship of the Austrian Academy of Sciences **Austrian Academy of Sciences (ÖAW)**
2009	Springer Prize for Best Student Paper at ESSLLI2009 **ESSLLI Student Session**

Teaching

Stony Brook	Computational Linguistics (undergraduate level)
	Computational Linguistics 2 (graduate level)
	Computational Phonology (graduate level)
	Computational Syntax (graduate level)
	Mathematical Methods (graduate level)
	Language and Meaning (undergraduate level)
	Language and Technology (undergraduate level)
	Parsing and Syntactic Processing (graduate level)
	Syntax (undergraduate level)

Service

Reviewing	see table at the end
2009–present	Creator and current maintainer of the **timeline of the history of generative syntax**. Available online: `http://thomasgraf.net/timeline.html`

2009–2013	Creator of the *uclawpl* LaTeX 2_ε class file used by the **UCLA Working Papers in Linguistics**

Department Service

Co-director of CompLab	Fall 2013 – Spring 2017
M.A. CompLing Program Director	since Fall 2017
Program Development	M.A. program in Computational Linguistics (CMLMA)
Course Development	Language & Technology (LIN 120)
	Computational Linguistics 2 (LIN 637)
	Computational Syntax (LIN 628)
	Mathematical Methods (LIN 539)
	Parsing and Syntactic Processing (LIN 630)
Colloquium Committee	2014–2019
Ph.D. Admissions Committee	2016, 2017
Strategic Plan Committee	2015
Student Travel Fund Committee	2016
Stony Brook Career Fair	2016

University Service

IACS Computes! High School Summer Camp	2017, 2018
Mathematics Summer Program	2016, 2017, 2018, 2019
STEM SBC Committee	2017
Stony Brook Visit a Class Program	2016, 2017

Languages

Natural	in decreasing order of proficiency: German, English, French, Icelandic, Old Norse, Latin, Spanish
Markup	CSS, HTML, LaTeX, Markdown, Ti*k*z
Programming	Awk, Bash, Lua, OCaml, Prolog, Python

Paper Reviews in 20…	≤ 13	14	15	16	17	18	19
Biolinguistics			✓	✓			
Cambridge University Press	✓						
Catalan Journal of Linguistics						✓	
Cognitive Modelling & Computational Linguistics			✓	✓	✓	✓	✓
ESSLLI Student Session	✓						
Formal Grammar					✓	✓	✓
Glossa					✓	✓	
Italian Journal of Linguistics		✓					
Journal of Logic, Language, and Information					✓		
Journal of Language Modelling				✓			
Journal of Linguistics			✓				
Linguistic Inquiry	✓	✓					
NAACL-HLT						✓	
Natural Language & Computer Science						✓	
Natural Language & Linguistic Theory	✓						
Phonology					✓		
Oxford University Press	✓		✓				
Syntax					✓		
TAG+					✓		

Abstract Reviews in 20…	≤ 13	14	15	16	17	18	19
AAAI-SSS					✓		
AIMM							✓
FASL							✓
LabPhon				✓			
SCiL						✓	
WCCFL		✓	✓		✓	✓	
XPrag					✓		