

Curriculum Vitae

Rui Pedro Chaves

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ACADEMIC POSITIONS

2008 – now **Department of Linguistics**, University at Buffalo

2022 – now *Professor*

2014 – 2022 *Associate Professor*

2008 – 2014 *Assistant Professor*

2008 – 2021 **Collaborator**

[Centro de Linguística da Universidade de Lisboa](#), Lisbon University, Portugal

2004 – 2007 **Visiting Researcher**

[LinGo Lab](#), Center for the Study of Language and Information, Stanford University, California

AFFILIATIONS

2016 – now **Member**

[Center for Language Science](#), The Pennsylvania State University

EDUCATION

2003 – 2007 **Ph.D. in Linguistics (with specialization in Computational Linguistics)**

University of Lisbon, Portugal

Thesis: *Coordinate Structures - constraint-based syntax-semantics processing*.

Advisors: Ivan A. Sag (Stanford, USA) & Palmira Marrafa (Lisbon, Portugal)

(Laudabiliter et Honorifice)

1999 – 2002 **M.A. in Linguistics (with specialization in Natural Language Processing)**

Faculty of Letters, University of Lisbon, Portugal

Dissertation: *Fundamentos para uma Gramática Computacional do Português*

Advisor: Palmira Marrafa

1995 – 1999 **B.S. in Natural Language and Knowledge Engineering**

Faculty of Sciences, University of Lisbon, Portugal

GRANTS

- 2012 *Relative Clauses* – Official consultant. Research group led by Professor Gert Webelhuth, Goethe-University of Frankfurt. 148,740 €. Granting agency: German Research Foundation (Deutsche Forschungsgemeinschaft).
- 2012 Professional Development Award Program grant of \$237 awarded by the United University Professions Joint Labor-Management Committees.
- 2010 Professional Development Award Program grant of \$480 awarded by the United University Professions Joint Labor-Management Committees.

PUBLICATIONS

MONOGRAPHS

- (in prep.) Chaves, Rui P. *Streamlining Text Analysis with Bash*, Cambridge University Press, pp.136
- 2025 Chaves, Rui P., Paul Kay and Laura Michaelis. *Unrealized Arguments and the Grammar of Context*, Elements in Cognitive Linguistics. Cambridge University Press.
- 2021 Chaves, Rui P. and Michael T. Putnam. *Unbounded Dependency Constructions: theoretical and experimental perspectives*, Oxford Surveys in Syntax and Morphology 10. Oxford University Press.

ARTICLES IN REFEREED JOURNALS

- 2025 Chaves, Rui P. Exploring reward effects in experimental syntax, *Linguistic Research*, Vol.42 (1), p.1–30.
- 2024 Chaves, Rui P. and Elaine Francis. Long-term effects of repeated exposure to Subject Island constructions: evidence for syntactic adaptation, *Glossa Psycholinguistics*, 3(1): 17, pp. 1–45.
- 2022 Chaves, Rui P. Sources of Discreteness and Gradience in Island Effects, *Languages*, 7(4), 245 – 270.
- 2020 Kim, Jong-Bok and Rui P. Chaves. A Constructional Account of English Small and Nonfinite Clauses, *Linguistic Research*, 37(3): 389–438.
- 2020 Sag, Ivan A., Rui P. Chaves, Anne Abeillé, Bruno Estigarribia, Dan Flickinger, Paul Kay, Laura Michaelis, Stefan Müller, Geoffrey Pullum, Frank Van Eynde, Thomas Wasow. Lessons from the English auxiliary system, *Journal of Linguistics*, 56(1): 87–155.
- 2019 Chaves, Rui P. and Adriana King. A usage-based account of subextraction effects, *Cognitive Linguistics*, 30(4): 719–750.

- 2019 Chaves, Rui P. and Jeruen E. Dery. Frequency Effects in Subject Islands, *Journal of Linguistics*, 55(3), 475 – 521.
- 2014 Chaves, Rui P. On the disunity of Right Node Raising phenomena: Extraposition, Anaphora, and Deletion. *Language*, 90(4): 834 – 886.
- 2013 Chaves, Rui P. An expectation-based account of subject islands and parasitism, *Journal of Linguistics*, 49(2): 285 – 327.
- 2012 Chaves, Rui P. Conjunction, cumulation and *respectively* readings, *Journal of Linguistics*, 48(2): 297 – 344.
- 2012 Chaves, Rui P. On the grammar of extraction and coordination, *Natural Language and Linguistic Theory*, 30(2): 465 – 512.
- 2008 Chaves, Rui P. A Linearization-based Account of Word-part Ellipsis, *Linguistics & Philosophy*, 31(3): 261 – 307.

BOOK CHAPTERS

- (submitted) Chaves, Rui P. *Auxiliary Verbs*, in *International Encyclopedia of Language and Linguistics* (3rd ed.), Hilary Nesi and Petar Milin(eds.), pp.5, Elsevier.
- (submitted) Chaves, Rui P. and Adele E. Goldberg. *Syntax*, in Howard Manns, Anna Margetts, and Alice Gaby (eds.), *Routledge Handbook of Linguistics*, pp.44, Taylor and Francis.
- 2023 Chaves, Rui P. *Coordination and gapping in words*. In Peter Ackema, Sabrina Bendjaballah, Eulàlia Bonet, and Antonio Fábregas (eds.) *The Wiley Blackwell Companion to Morphology*, Chapter 2, 513–540. Wiley-Blackwell.
- 2021 Chaves, Rui P. *Island phenomena and related matters*. In Anne Abeillé, Robert D. Borsley, Jean-Pierre Koenig, and Stefan Müller (eds.) *Head-Driven Phrase Structure Grammar: The Handbook* (Empirically Oriented Theoretical Morphology and Syntax 99), Chapter 15. Berlin: Language Science Press.
- 2021 Abeillé, Anne and Rui P. Chaves. *Coordination*. In Anne Abeillé, Robert D. Borsley, Jean-Pierre Koenig, and Stefan Müller (eds.) *Head-Driven Phrase Structure Grammar: The Handbook* (Empirically Oriented Theoretical Morphology and Syntax 99), Chapter 16. Berlin: Language Science Press.
- 2019 Chaves, Rui P. *Construction Grammar*. In András Kertész, Edith Moravcsik, and Csilla Rákosi (eds.) *Current approaches to syntax: a comparative handbook*, pp. 49–96. Berlin/New York: De Gruyter Mouton.
- 2018 Chaves, Rui P. *Freezing as a probabilistic phenomenon*. In Jutta Hartmann, Marion Knecht, Andreas Konietzko and Susanne Winkler (eds.) *Freezing: Theoretical Approaches and Empirical Domains, Studies in Generative Grammar*. 403–429. Berlin/New York: De Gruyter.

- 2014 Chaves, Rui P. *Grammatical alignments and the gradience of lexical categories*. In Philip Hofmeister and Elisabeth Norcliffe (eds.) *The Core and the Periphery: data-driven perspectives on syntax inspired by Ivan A. Sag*, 167–220. CSLI Publications.
- 2013 Chaves, Rui P. *A Organização do Léxico*. In *Gramática do Português*, ed. Mota, M^a Antónia, Fernanda B. Nascimento, Eduardo Raposo & Luísa Segura, Chapter 8 (Vol. I), 185–211. Lisboa: Fundação Calouste Gulbenkian.
- 2010 Chaves, Rui P. *Crash-free Syntax and Crash Phenomena in Model-theoretic Grammar*, In Michael T. Putnam (ed.), *Exploring Crash-Proof Grammars*, pp. 269–298. John Benjamins.
- 2006 Amaro, Raquel, Rui P. Chaves, Palmira Marrafa, and Sara Mendes. *Enriching Wordnets with new relations and with event and argument structures*. In Alexander Gelbukh (ed.), *Seventh International Conference on Intelligent Text Processing and Computational Linguistics*, Mexico, Mexico City. *Lecture Notes in Computer Science*, Vol. 3878, pp. 28 – 40. Springer-Verlag.
- 1999 Faria, Isabel H., Rui P. Chaves, Vasco R. Pedro, Nuno Silva e Ana Água. *Os primeiros passos de uma mãe artificial*. Palmira Marrafa e Maria Antónia Mota (Organizadoras), *Linguística Computacional: Investigação Fundamental e Aplicações: I Workshop de Linguística Computacional da APL*, pp. 271 – 287. Edições Colibri, Associação Portuguesa de Linguística.

CONFERENCE PROCEEDINGS

- 2021 Chaves, Rui P. and Stephanie Richter. *Look at that! BERT can be easily distracted from paying attention to morphosyntax*, In *Proceedings of the 4th Annual Meeting of the Society for Computational Linguistics*, Vol. 4, Article 4, pp.11.
- 2020 Chaves, Rui P., Paul Kay, and Laura Michaelis. *Unrealized Arguments in SBCG*, In Stephan Müller (Ed.), *Proceedings of the International Head-driven Phrase Structure Conference*, pp. 21. CSLI Publications, Stanford.
- 2020 Richter, Stephanie and Rui P. Chaves. *Investigating the Role of Verb Frequency in Factive and Manner-of-speaking Islands*. In *Proceedings of the 42nd Annual Meeting of the Cognitive Science Society*, Toronto. pp. 1771–1777.
- 2020 Chaves, Rui P. *What Don't RNN Language Models Learn About Filler-Gap Dependencies?* In *Proceedings of the 3rd Annual Meeting of the Society for Computation in Linguistics (SCiL)*, Vol. 3, Article 4:20–30.
- 2020 DaCosta, Jillian K. and Rui P. Chaves, *Assessing the ability of Transformer-based Neural Models to represent structurally unbounded dependencies*. In *Proceedings of the 3rd Annual Meeting of the Society for Computation in Linguistics (SCiL)*, Vol. 3, Article 20:189–198.

- 2019 Ryu, Soo Hyun and Rui P. Chaves. On the interaction between dependency frequency and thematic fit in sentence processing. In *The 2nd Annual Meeting of the Society for Computation in Linguistics (SCiL)*, Vol. 2 , Article 39, 330–333.
- 2019 Park, SangHee, JP. Koenig, and R. P. Chaves. A semantic underspecification-based analysis of scope ambiguities in Gapping. In *Sinn und Bedeutung* 23, pp.15. Barcelona, Spain.
- 2018 Park, SangHee, JP. Koenig, and R. P. Chaves. Gapping and Semantic Underspecification. In *Silence Workshop/LSK Conference*, Kyung Hee University, South Korea.
- 2014 Chaves, Rui P. and Jeruen E. Dery. Which subject islands will the acceptability of improve with repeated exposure?. In Robert E. Santana-LaBarge (edt), *31st West Coast Conference on Formal Linguistics*, pp. 96 – 106. Cascadilla Proceedings Project, Somerville, MA, USA.
- 2010 Chaves, Rui P. On the syntax and semantics of *vice versa*. In Stephan Müller (Ed.), *Proceedings of the 17th International Conference on Head-Driven Phrase Structure Grammar*, Paris university, Paris Diderot. pp. 101–121. CSLI Publications, Stanford.
- 2010 Petrova, Nyurguyana and Rui P. Chaves. Focus realization in chaining constructions. In *46th Annual Meeting of the Chicago Linguistic Society: Reevaluating the Semantics-Pragmatics Interface parassesion*, Chicago, IL: Chicago Linguistic Society.
- 2009 Chaves, Rui P. Construction-based adjunct extraction and cumulation. In Stephan Müller (Ed.), *Proceedings of the 16th International Conference on Head-Driven Phrase Structure Grammar*, Göttingen, Germany. pp. 47–67. CSLI Publications, Stanford.
- 2008 Ito, Chizuru and Rui P. Chaves. Apparent Non-Constituent Coordination in Japanese. In Stephan Müller (Ed.), *Proceedings of the 15th International Conference on Head-Driven Phrase Structure Grammar*, pp. 95–115, Keihanna, Japan. CSLI Publications, Stanford.
- 2007 Chaves, Rui P. Dados para uma melhor compreensão das Estruturas de Coordenação em Português, *Sessão de Estudantes do 75º Aniversário do Centro de Linguística da Universidade de Lisboa*, 6pp (online publication).
- 2007 Chaves, Rui P. and Denis Paperno. On the Russian hybrid coordination construction. In Stephan Müller (Ed.), *Proceedings of the The 14th International Conference on Head-Driven Phrase Structure Grammar*, Stanford, USA. pp. 46–64, CSLI Publications, Stanford.
- 2007 Chaves, Rui P. Dynamic model checking for Discourse Representation Structures with pluralities. In J. Geertzen, E. Thijssse, H. Bunt, and A. Schiffrin (Eds.),

- Proceedings of the 7th International Workshop on Computational Semantics*, pp. 28 – 40. Tilburg, The Netherlands.
- 2006 Chaves, Rui P. Coordination of Unlikes without unlike categories. In Stephan Müller (Ed.), *13th International Conference on Head-Driven Phrase Structure Grammar*, Varna, Bulgaria. pp. 102 – 122, CSLI Publications, Stanford.
- 2006 Marrafa, Palmira, Raquel Amaro, Rui P. Chaves, Susana Lourosa, Catarina Martins and Sara Mendes. WordNet.PT new directions. In the Proceedings of the *3rd International Wordnet Conference*. Project Report, pp. 3, Jeju Island, Korea.
- 2005 Chaves, Rui P. Underspecification and NP Coordination in Constraint-based Grammar. In F. Richter and M. Sailer (Eds.), *Workshop on Empirical Challenges and Analytical Alternatives to Strict Compositionality*, pp. 38–58. 17th ESSLLI, Heriot-Watt University, Edinburgh, Scotland.
- 2005 Chaves Rui P. A Linearization-based approach to Gapping. In G. Jäger, P. Monachesi, G. Penn, and S. Wintner (Eds.), *FG–MOL 2005: The 10th conference on Formal Grammar and The 9th Meeting on Mathematics of Language*, pp. 207–220, University of Edinburgh, Scotland.
- 2005 Chaves, Rui P. DRT and underspecification of plural ambiguities. In H. Bunt, J. Geertzen and E. Thijse (Eds.), *Proceedings of the 6th International Workshop on Computational Semantics*, pp. 78–89. Tilburg, The Netherlands.
- 2005 Marrafa, Palmira, Raquel Amaro, Rui P. Chaves, Susana Lourosa, Catarina Martins & Sara Mendes. WordNet.PT – Uma rede Léxico-conceptual do Português on-line, Actas do XXI Encontro da APL, Porto: Associação Portuguesa de Linguística.
- 2004 Ribeiro Catarina, Rita Santos, João Correia, Rui P. Chaves, Palmira Marrafa. INQUER: A WordNet-based Question-Answering application. In *Proceedings of the Fourth International Conference on Language Resources and Evaluation (LREC 2004)* vol. VI, pp. 1947–1950. Lisbon, Portugal.
- 2004 Ribeiro, Catarina, Ricardo Santos, Rui P. Chaves, Palmira Marrafa. Semi-automatic UNL Dictionary generation using WordNet.PT. In *Proceedings of the Fourth International Conference on Language Resources and Evaluation (LREC 2004)*, vol. I, pp. 279-282. Lisbon, Portugal.
- 2003 Chaves, Rui P. Non-redundant scope disambiguation in underspecified semantics. In Balder ten Cate (Ed.) *Proceedings of the 8th ESSLLI Student Session*, pp. 47 – 58. Vienna, Austria.
- 2002 Chaves, Rui P. Principle-based DRTU for HPSG: a case study. In *First International Workshop on Scalable Natural Language Understanding – SCANALU 2002*, EML, Heidelberg, Germany.

- 2001 Chaves, Rui P. WordNet and automated text summarization. In *NLPRS 2001, 6th Natural Language Processing Pacific Rim Symposium*, pp. 109–116. Tokyo, Japan.
- 2001 Mendes, Sara and Rui P. Chaves. Enriching WordNet with Qualia information. In *Proceedings of NAACL 2001, Workshop on WordNet and Other Lexical Resources*, pp. 108–112. Pittsburgh, PA, USA.

REFEREED POSTERS

- 2023 Chaves, Rui P. and Elaine J. Francis. Enduring effects of repeated exposure to Subject Islands: evidence for syntactic adaptation, in the *36th Annual Conference on Human Sentence Processing*, University of Pittsburgh.
- 2022 Chaves, Rui P. and Avery Malone. Reward-modulated syntactic adaptation in self-paced reading, in the *35th Annual Conference on Human Sentence Processing*, UC Santa Cruz.
- 2010 Petrova, Nyurguyana and Rui P. Chaves. Interface studies of converbal constructions. In Stephan Müller (Ed.), *Proceedings of the 17th International Conference on Head-Driven Phrase Structure Grammar*, Paris university, Paris Diderot, France.
- 2009 Chaves, Rui P. and Jeruen E. Dery. Complexity, ellipsis and agreement puzzles in NP coordination. In *15th Annual Conference on Architectures and Mechanisms for Language Processing*, Barcelona, Spain.
- 2003 Antunes, S. and Rui P. Chaves. On the licensing conditions of co-predication. In *GL'2003 Second International Workshop on Generative Approaches to the Lexicon*, University of Geneva, Switzerland.

COMMENTARIES

- 2022 Chaves, Rui P. and Michael T. Putnam. Islands, expressiveness, and the theory/formalism confusion, *Theoretical Linguistics*, 48(3–4): 219–231.

BOOK REVIEWS

- 2023 Review of *Coordination and the Syntax-Discourse Interface* (by Daniel Altshuler and Robert Truswell), *Journal of Linguistics*, pp. 1–5.
- 2012 Review of *Edge-Based Clausal Syntax - A Study of (Mostly) English Object Structure* (by Paul M. Postal), *Language*, volume 88, number 2, pp. 439–442.
- 2009 Review of *Subordination versus Coordination in Sentence and Text, A cross-linguistic perspective* (Edited by Cathrine Fabricius-Hansen & Wiebke Ramm), *Linguist List* 20.1262. April 4th.

PRESENTATIONS

CONFERENCE PRESENTATIONS

- 2020 Chaves, Rui P. What Don't RNN Language Models Learn About Filler-Gap Dependencies? Talk given at the 3rd Annual Meeting of the Society for Computation in Linguistics (SCiL).
- 2014 Chaves, Rui P. Nobody expects tensed subject parasitic gaps. Talk given at the *21st International Conference on Head-Driven Phrase Structure Grammar*, University at Buffalo – The State University of New York.
- 2013 Chaves, Rui P. Which subject islands will the acceptability of improve with repeated exposure?. Talk given at the *31st West Coast Conference on Formal Linguistics*, Arizona State University.
- 2012 Chaves, Rui P. and Eun Hee Lee. 'The case alternation on duration and frequency adverbials in Korean. Talk given at the 86th Annual Meeting of the LSA, Portland, Oregon.
- 2011 Chaves, Rui P. Extraposition and Additive Right Node Raising. Talk given at the 18th International Conference on Head-Driven Phrase Structure Grammar, University of Washington, Seattle.
- 2010 Chaves, Rui P. On the syntax and semantics of *vice versa*. Talk given at the 17th International Conference on Head-Driven Phrase Structure Grammar, Paris University, Paris Diderot, France.
- 2009 Chaves, Rui P. Construction-based adjunct extraction. Talk given at the 16th International Conference on Head-Driven Phrase Structure Grammar, University of Göttingen, Germany.
- 2009 Chaves, Rui P. Reassessing *respectively* readings. Talk given at the 83rd Annual Meeting of the LSA, San Francisco, California.
- 2007 Chaves, Rui P. Non-parallelism in *respectively* readings. Talk given at the 17th Biennial Conference – The Linguistic Society of New Zealand, The University of Waikato.
- 2007 Chaves, Rui P. On the Russian Hybrid Coordination construction. Talk given at the 14th International Conference on Head-Driven Phrase Structure Grammar, Stanford University.
- 2007 Chaves, Rui P. Dynamic model checking for discourse representation structures. Talk given at the 7th International Workshop on Computational Semantics, Tilburg University.
- 2007 Chaves, Rui P. Coordination of unlikes without unlike categories. Talk given at the 13th International Conference on Head-Driven Phrase Structure Grammar, Bulgaria.

- 2005 Chaves, Rui P. Underspecification and NP coordination in constraint-based grammar. Talk given at the Workshop on Empirical Challenges and Analytical Alternatives to Strict Compositionality, ESSLLI, Herriot-Watt University.
- 2005 Chaves, Rui P. A Linearization-Based approach to Gapping. Talk given at the 10th Formal Grammar conference, University of Edinburgh.
- 2005 Chaves, Rui P. DRT and underspecification of plural ambiguities. Talk given at the 6th International Workshop on Computational Semantics, Tilburg University.
- 2003 Chaves, Rui P. Non-redundant scope disambiguation in underspecified semantics. Talk given at the 15th ESSLLI Student Session, Austria.
- 2002 Chaves, Rui P. DRT *Unplugged* for HPSG. Talk given at the Conference on Scalable Natural Language Understanding, European Media Laboratory, Heidelberg.
- 2001 Chaves, Rui P. WordNet and automated text summarization. Talk given at the 6th Natural Language Pacific Rim Symposium, National Center of Sciences, Tokyo.
- 2001 Mendes, Sara and Rui P. Chaves, Enriching WordNet with qualia information. 2nd NAACL, Carnegie Mellon University.
- 1998 Chaves, Rui P., Isabel H. Faria, Vasco R. Pedro. 'Produção e descrição de descrições. Talk given at the Workshop sobre Linguística Computacional, Faculdade de Letras da Universidade de Lisboa.

INVITED TALKS

- 2025 Chaves, Rui P. Meaning as a constraint in English Coordination of Unlikes. Invited talk given at the *16th Syntax and Semantics Conference in Paris (CSSP)*, France.
- 2022 Chaves, Rui P. *On Syntactic Adaptation*. Talk given at the 2022 Linguistic Evidence Conference, Université Paris Diderot, Paris, France.
- 2021 Chaves, Rui P. *Deep learning models and the future of linguistic theory*. Talk given at the Department of English Language & Literature, Kyung Hee University, Seoul, the Republic of South Korea.
- 2021 Chaves, Rui P. *A reassessment of the CED*. Talk given at the Department of Linguistics and Cognitive Science at the University of Delaware, USA.
- 2020 Chaves, Rui P. *Semantic-Pragmatic Peninsulas*. Talk given at TedLab, Department of Brain & Cognitive Sciences, Massachusetts Institute of Technology, Cambridge, USA.

- 2019 Chaves, Rui P. *Two sources of probabilistic gradience in island effects*. Talk given at the Department of Linguistics of the Ohio State University, Ohio, USA.
- 2018 Chaves, Rui P. *Framing effects in extraction*. Talk given at the *Long-distance dependencies* workshop, Humboldt-Universität zu Berlin, Germany.
- 2016 Chaves, Rui P. *What does syntax have to do with island effects?* Talk given at the Department of Linguistics, University of Rochester, USA.
- 2015 Chaves, Rui P. *Functional aspects of Freezing*. Talk given at the *Freezing: Theoretical Approaches and Empirical Domains Workshop*, SFB 833, University of Tübingen, Germany.
- 2013 Chaves, Rui P. *On the nature of Subject Islands*. Talk given at COGSCI, University at Buffalo, USA.
- 2012 Chaves, Rui P. *On Subject Islands*. Talk given at the Laboratoire de Linguistique Formelle, Université Paris Diderot, Paris, France.
- 2012 Chaves, Rui P. *On the disunity of Right Node Raising Phenomena*. Talk given at the International Conference – Topics in the Typology of Elliptical Constructions, Université Paris Diderot & UMR 7110: Laboratoire de Linguistique Formelle, Paris, France.
- 2008 Chaves, Rui P. *On a uniform syntax and semantics for conjunction*. Talk given at the SONY Computer Science Lab, Paris, France.
- 2004 Chaves, Rui P. *Introdução à Head-Driven Phrase Structure Grammar: Teoria e Formalismo*. Talk given at Laboratório de Sistemas de Língua Falada (INESC-ID Lisboa), Portugal.
- 2004 Chaves, Rui P. *Pluralities and semantic underspecification*. Talk given at the Seminar für Sprachwissenschaft, Eberhard-Karls Universität Tübingen, Sonderforschungsbereichs 441, Project A5, Germany.
- 2001 Chaves, Rui P. and S. Mendes. *WordNet.PT*. Demo given at the Simpósio Internacional: *O Universo da Língua Portuguesa: Diversidade e Inovação* (Instituto Camões), Portugal.
- 2001 Chaves, Rui P. *Semântica Lexical: polissemia e co-hiponímia compatível*. Talk given at the Workshop Interno do Nexing #4. Faculdade de Ciências da Universidade de Lisboa, Portugal.

SERVICE

INSTITUTIONAL SERVICE

2023 – now Chair of the Linguistics Department

2015 – now Director of Graduate Studies for the M.S. in Computational Linguistics

- 2022 – now Director of Undergraduate Studies for the B.S. in Computational Linguistics
- 2025 – now Director of Undergraduate Studies for the AI and Language Technology program
- 2022 – 2023 Member of the Future of Computer Science and Computing Committee
- 2021 – 2023 Member of the Linguistics graduate admissions committee
- 2020 – 2024 Liason (with Dr. Christian DiCanio) to the Linguistic Department Graduate Students
- 2015 – now Director of Graduate Studies for the M.S. in Computational Linguistics
- 2012 – 2023 Webmaster, [Center for Cognitive Science](#) page
- 2012 – 2023 [Listserv](#) manager for the Center for Cognitive Science
- 2012 – now Webmaster, [Department of Linguistics](#) page
- 2012 – now Webmaster, [Role and Reference Grammar](#) page

PROFESSIONAL SERVICE

- 2023 – now Editorial Board member of the Language Science Press.
- 2024 – 2025 Guest Co-Editor for Special Issue of *Languages: Gradience in Syntax and Semantics: Experimental, Modeling, and Formal Perspectives*, with Elaine Francis.
- 2019– 2023 General Editor at the Cambridge University Press journal *Language and Cognition: An Interdisciplinary Journal of Language and Cognitive Science*.
- 2020 – 2023 Review Editor on the Editorial Board of the *Linguistic Research* Journal, Institute of the Study of Language and Information, Kyung Hee University, the Republic of South Korea.
- 2019 – 2021 Chair of the Standing Committee for the *International Conference in Head-driven Phrase Structure Grammar*.
- 2015 – 2018 Standing Committee member for the International Conference in Head-driven Phrase Structure Grammar
- Grants*
 - Reviewer for the Research Foundation Flanders, Belgium, 2019.
 - Reviewer for the National Research Foundation, South Africa, 2019.
- Publishers* Ad-hoc reviewer for CSLI Publications, De Gruyter Mouton, Oxford University Press, MIT Press, and Language Science Press.

Journals Ad-hoc reviewer for Trends in Cognitive Science Cognition, Glossa, Natural Language and Linguistic Theory, Linguistic Inquiry Bilingualism, Cognitive Science, Folia Linguistica, IBERIA, Journal of Dialogue & Discourse, Journal of Language, Logic and Information, Journal of Language Modelling, Journal of Linguistics, Journal of French Language Studies, Language, Language Sciences, Lingua, PLOS-ONE, and Syntax.

Conferences Ad-hoc external reviewer for ACL (Association for Computational Linguistics), SCiL (Society for Computation in Linguistics), Linguistic Evidence, The 15th International Conference on Computational Semantics, The 15th Syntax and Semantics Conference in Paris (CSSP), Learning with Small Data 2023, HPL (Annual Conference on Human Sentence Processing), CoNLL (Conference on Computational Natural Language Learning), IWCS (International Conference on Computational Semantics), EMNLP (Empirical Methods in Natural Language Processing), PaM (Conference on Probability and Meaning), NELS (North East Linguistics Society), COLING (Conference on Computational Linguistics), HeadLex, Syntax of the World's Languages Conference, HPSG (International Conference on Head-Driven Phrase Structure Grammar), Annual Meeting of the Linguistic Society of America (LSA), CSSP (Colloque de Syntaxe et Sémantique à Paris, France), SALT (Semantics and Linguistic Theory), *SEM - Joint Conference on Lexical and Computational Semantics, Linguistic Evidence 2016 conference on Empirical, theoretical, and computational perspectives' at the University of Tübingen (Germany), International Workshop on Computational Semantics, XXIII Encontro Nacional da Associação Portuguesa de Linguística (Portugal).

COMMUNITY SERVICE

June 2022 Invited speaker for the STEM class at Lackawanna Highschool, Buffalo, NY. [74% of students are economically disadvantaged, and 31% are minorities]

2021 – now Portuguese Interpreter/Translator for Williamsville Central Schools.

2014 Expert consultant on a legal case (13-11351 MJK) in the United States Bankruptcy Court for the Western District of New York, testifying about a syntactic ambiguity in an industrial lease contract.

CONFERENCES AND WORKSHOPS ORGANIZED

2024 Program Chair, the *31st International Conference on Head-Driven Phrase Structure Grammar*, Palacký University Olomouc, Czech Republic

2017 Program Chair, the *24th International Conference on Head-Driven Phrase Structure Grammar*, University of Kentucky, Lexington

2014 Organizer, the *21st International Conference on Head-Driven Phrase Structure Grammar*, University at Buffalo – State University of New York

2014 Organizer, *Workshop on Understudied Languages and Syntactic Theory*, University at Buffalo – State University of New York

LINGUISTICS CONSULTING

2004–2009 Thomson CompuMark (Reuters Nordic)

ADVISING AT UB

PHD COMMITTEE SUPERVISING

- 2019 Sang-Hee Park
Gapping: A Constraint-Based Syntax-Semantics Interface (with Prof. J. P. Koenig)
- 2016 Dawei Jin
The Semantic-Pragmatics Interface and Island Constraints in Chinese
- 2014 Andrew C. Wetta
Construction-based Approaches to Flexible Word Order

PHD COMMITTEE MEMBERSHIP

- (ongoing) Ruihua Mao (Université Paris VII, France)
- 2025 Thaddeus Okon (Department of Linguistics, University at Buffalo)
Aptness and Metaphors of the Medical Domain
- 2025 Michael Sullivan (Department of Linguistics, University at Buffalo)
Language Modeling over Logical Forms for Reasoning Tasks
- 2024 Erin Pacquetet (Department of Linguistics, University at Buffalo)
The effect of linguistic properties on typing behaviors and production processes
- 2023 Bilge Palaz (Department of Linguistics, University of Delaware)
Sluicing, Islands, and Sentence Processing
- 2022 Hanno Beck (Linguistics Department, University at Buffalo)
The Pragmatics of the Tough Construction
- 2022 Nozomu Okuda (Department of Classics, University at Buffalo)
Deep Learning for Intertext Discovery in Latin Epic
- 2021 Avery Malone (Psychology Department, University at Buffalo)
Phonological Adaptation in Children and Adults: Testing for a Bayesian Learning Mechanism
- 2021 Seung Jin Hong (Linguistics Department, University at Buffalo)
Computing category membership for it: an error minimization approach

- 2021 Ran Wang (Linguistics Department, University at Buffalo)
Pragmatic Functions of Numeral Classifiers in Mandarin Chinese
- 2021 Elodie Winckel (Humboldt-Universität zu Berlin & Université de Paris, France)
French Subject Islands: Empirical and Formal Approaches
- 2020 Alexandra Lawson (Department of Linguistics, University at Buffalo)
Informational Redundancy in Referring Expression Forms
- 2020 Robert Hepburn (Linguistics Department, University at Buffalo)
Niger-Congo Noun Classes – Reconstruction, Historical Implications, and Morphosyntactic Theory
- 2019 James Gawley (Department of Classics, University at Buffalo)
This is your mind on poetry: how cognitive processes shape Vergil's allusions to Homer
- 2018 Hongmo Kang (Linguistics Department, University at Buffalo)
Effects of plausibility and predictability on reading: how and why they differ
- 2018 Aoi Shiraishi (Université Paris VII, France)
Discordances dans l'ellipse périphérique en Français
- 2018 Hao Sun (Linguistics Department, University at Buffalo)
Association and Extension in Argument Structure Learning
- 2011 Nyurguyana Petrova (Linguistics Department, University at Buffalo)
Multivariate properties of converbs in Sakha (Yakut)

MS IN COMPUTER SCIENCE AND ENGINEERING PROJECT COMMITTEE SUPERVISING (UB)

- 2019 Richard Simpson
A multimodal neural network approach to syntactic and semantics processing of paraphrases

MS IN COMPUTATIONAL LINGUISTICS PROJECT COMMITTEE SUPERVISING (UB)

- 2024 Mohammed Nasheed Yasin
ConvoGen: A framework to generate persuasive conversational datasets
- 2024 Daniel Edgerton
Sentiment Analysis of Ludonarrative and Ludomechanical Language in Tabletop Gaming
- 2022 Laura Hambridge
Comparing Per-language performance in a many-to-many machine translation system
- 2020 Yutong Yang
Japanese Error Detection With a CNN and an RNN

- 2020 Elizabeth Soper
Semantic Search Pipeline: From Query Expansion to Concept Forging
- 2020 Maggie Liu
Assigning Proficiency Levels to Text of a Learners Corpus and Grammatical Error Correction with Parallel Iterative Edit Models
- 2020 Ali Mohammad A. Alshehri
Dangerous Speech in Arabic Social Media
- 2019 Mitchell Kristie III
Propaganda Detection
- 2018 Erika Bellingham
Role and Reference Grammar as a Unification-based Construction Grammar
- 2018 Dianna Radpour
Unsupervised Attribute Discovery from Large Text Corpora

MA IN LINGUISTICS PROJECT COMMITTEE SUPERVISING (UB)

- 2014 Sang Hee Park
The Grammar of Korean Internally-Headed Relative Clauses
- 2014 Ran Wang
Omissability of numeral classifiers in Mandarin
- 2013 Dawei Jin
Toward a pragmatic-contextual account of weak islands
- 2013 Sooran Pak
Characteristics of the Korean Adjective Causation Construction

MA IN LINGUISTICS PROJECT COMMITTEE MEMBERSHIP (UB)

- 2018 Gabriel Aldridge
The Location of the Subject in Sahidic Coptic
- 2018 Hanno Beck
Chasing the Footprints of Subjectivity in Predicational Utterances
- 2016 Thomas St Pierre
Anticipating Consistent, Ungrammatical Gender-Marking from L2 German Speakers
- 2014 Hongmo Kang
Pragmatic fit and the processing of Korean honorifics
- 2014 Aron Marvel
Distinguishing Event Types beyond the Level of the Verb

- 2012 Katharine Donelson
Argument Structure matches and mismatches in American English idioms
- 2011 Andrew Wetta
Verb second word order: Typological and formal considerations
- 2011 Adam Sposato
The noun phrase in Xong (Xiangxi Miao)
- 2011 Ji Won Lee
On the Development of much as a Negative Polarity Item: A Corpus-based Account

BS IN COMPUTATIONAL LINGUISTICS SENIOR CAPSTONE PROJECT MENTORSHIP (UB)

- 2025 Amadou T. Dieng
Analyzing Sentiment Shifts in Election-Related Tweets: A Comparative Study of 2020 and 2024

HONORS THESIS MENTORSHIP (UB)

- 2018 Corey Wright
An experimental approach to subject subextraction effects
- 2017 Adriana King
An experimental approach to object subextraction effects
- 2016 Phillip Tullo
Vice-versa: an acceptability study

TEACHING (UB)

- LIN 623 *Advanced Linguistic Theory* (Graduate CxG Seminar)
- LIN 623 *Advanced Linguistic Theory* (Graduate Filler-Gap Dependencies Seminar)
- LIN 667 *Advanced Computational Linguistics*
- LIN 519 *Linguistics Forum*
- LIN 514 *Corpus Linguistics*
- LIN/CSE *Computational Linguistics* (Dual Crosslisted)
467/567
- LIN 452/552 *Head-Driven Phrase Structure Grammar*
- LIN 414/515 *Syntax 1*
- LIN 345 *Natural Language and the Computer*
- LIN 205 *Introduction to Linguistic Analysis*

LIN 199 *Conlang: Constructing a Language* (Undergraduate Seminar)

LIN 104 *Writing Systems*

GROUP ACTIVITY AT UB

Co-Organizer SynSem Reading Group, Linguistics Department
2010 - 2023

Member Psycholinguistics Lab, Psychology & Linguistics Departments
2009 - 2016

LANGUAGE PROFICIENCY

Native (European) Portuguese

Fluent English

Elementary Spanish and French

Beginner (European) Portuguese Sign Language

COMPUTATIONAL TOOLS

General: R, Python, Perl, Prolog, Java(script), Lisp, C, among others.

Toolkits: Tidyverse (R), Lme4 (R), Brms (R), Ordinal (R), ggplot2 (R), NLTK (Python),
Stanza (Python), Pytorch (Python), PCIBex (JavaScript).

Other: L^AT_EX, Bash, HTML, XML, CSS, Excel

OSs: MacOS, Linux, Windows MS