Marie-Catherine de Marneffe

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Position

July 2022–	Associate researcher FNRS, UCLouvain.
2019–2023	Associate professor in Linguistics, The Ohio State University.
2013–2019	Assistant professor in Linguistics, The Ohio State University.

Education

2006–2012	Ph.D. Program in Linguistics, Stanford University. Dissertation (January 10 2013): "What's that supposed to mean? Modeling the pragmatic meaning of utterances" Dissertation committee: Christopher D. Manning (chair), Dan Jurafsky, Beth Levin and Christopher Potts.
2004–2006	Visiting researcher, Natural Language Processing Group, Stanford University (Advisor: Christopher D. Manning).
2000–2002	Advanced Studies Degree in Applied Sciences, computing science, Université catholique de Louvain. Magna cum laude. Thesis: "Modalités temporelles et aléthiques pour la traduction d'un fragment de la langue française" ["Temporal and mandatory modalities for translating a fragment of French"] (Advisor: A. Thayse).
1998–2000	"Licence", Classical Languages and Literatures, Université catholique de Louvain. Magna cum laude (summa cum laude for the thesis). Thesis: "La création lexicale en latin. Tendances actuelles de la recherche" ["Lexical formation in Latin. Current research orientations"] (Advisor: L. Isebaert). Habilitation for teaching at the secondary school, Université catholique de Louvain.
1996–1998	Bachelor's degree, Classical Languages and Literatures, Facultés Notre-Dame de la Paix à Namur. Magna cum laude.

Fellowships and awards

2019	ACL Best short paper award.
2016	Postdoctoral Fellowship. Marie-Catherine de Marneffe and Judith Tonhauser. American Council of Learned Societies and the Humanities and the Arts Discovery Theme at The Ohio State University. Postdoctoral fellowship period: 2016-2018.
2015	The Ohio State University, ASC, Interdisciplinary team-teaching award. "Analyzing Language in Social Media." with Lauren Squires (English).
2013	NAACL Best short paper award.
2009–2012	Stanford Interdisciplinary Graduate Fellowship.
2004	Fulbright Scholarship – Commission For Educational Exchange.
2004	Fellowship for Research in the U.S.A. – Belgian American Educational Foundation.

Grants

2025	"The First Multilingual Multi-Annotator NLI Benchmark with Ecologically Valid Explanations" with Barbara Plank and Siyao Peng (LMU), Imminent Research Grant, 20,000€.
2025	"Explaining variation of interpretations in natural language inference: A corpus-based exploration of linguistic and cognitive factors", FNRS MIS (Incentive grant for scientific research), 471,614€, grant period: 01/01/2025 - 12/31/2028.
2024	"Towards Robust Natural Language Understanding: Taking into account cognitive bias that leads to multiple interpretations", UCLouvain FSR 95,300 EUR, grant period: 10/01/2024 - 09/30/2026.
2022	"Universality, diversity and idiosyncrasy in language technology", COST Action CA21167, grant period: 09/23/2022 - 09/22/2026.
2020	"Student travel support to the Fourth Universal Dependencies Workshop (2020)", National Science Foundation IIS-2024161, $6,000, grant period: 05/01/2020 - 04/30/2021.
2019	"CAREER: Drawing inferences for human-like language understanding", National Science Foundation IIS-1845122, $499,914, grant period: 08/15/2019 - 07/31/2024.
2018	"ACL Student Research Workshop", National Science Foundation IIS-1827830, $18,000, grant period: 04/01/2018 - 11/30/2018.
2017	"Named Entity Recognition for the Classical languages for the building of a catalog of Ancient peoples", National Endowment for the Humanities HAA-256078-17, Brian Joseph, Christopher Brown, Micha Elsner, Marie-Catherine de Marneffe, $74,808, grant period: 10/1/2017 - 9/30/2019.

2017 Battelle Engineering, Technology and Human Affairs (BETHA) Endowment grant: "Assessing trustworthiness in social media", Marie-Catherine de Marneffe, Alan Ritter, $23,000.

2016 Targeted Investment in Excellence Initiative grant: "The influence of social information on speaker commitment", Kathryn Campbell-Kibler, Marie-Catherine de Marneffe, Judith Tonhauser, $5,000.

2015 CRII "What do you mean? Automatic identification of inferences drawn from text", National Science Foundation IIS-1464252, $143,374, grant period: 02/01/2015 - 01/31/2019.

2015 Targeted Investment in Excellence Initiative grant: "Children's interpretation of politeness and uncertainty: Effects of discourse context, utterance tune and cultural background", Marie-Catherine de Marneffe, Micha Elsner, Shari Speer, Laura Wagner, $23,940.

2015 Targeted Investment in Excellence Initiative grant: "Continued Development of Shared Departmental Crowdsourcing Resources", Marie-Catherine de Marneffe & Michael White, $2,161.

2014 Targeted Investment in Excellence Initiative grant: "Construction of a projection corpus for attitude predicates", Marie-Catherine de Marneffe, Craige Roberts, Mandy Simons, $20,294.

2014 Google Faculty Research Award: "Universal dependencies", $41,869.

Publications

Journal articles

Marie-Catherine de Marneffe, Joakim Nivre and Daniel Zeman. 2024. Function words in Universal Dependencies. *Linguistic Analysis*, 43 (3-4): 549-588 (invited contribution).

Jérémie Bogaert, Louis Escouflaire, Marie-Catherine de Marneffe, Antonin Descampe, Cédrick Fairon and Francois-Xavier Standaert. 2023. Sensibilité des explications à l'aléa des grands modèles de langage : le cas de la classification de textes journalistiques. *Traitement Automatique des Langues*, ATALA, 64 (3):19-44.

Nanjiang Jiang and Marie-Catherine de Marneffe. 2022. Investigating reasons for disagreement in Natural Language Inference. *Transactions of the Association for Computational Linguistics*, 10: 1357–1374.

Nanjiang Jiang and Marie-Catherine de Marneffe. 2021. He thinks he knows better than the doctors: BERT for event factuality fails on pragmatics. *Transactions of the Association for Computational Linguistics*, 9: 1081–1097.

Marie-Catherine de Marneffe, Christopher D. Manning, Joakim Nivre and Daniel Zeman. 2021. Universal Dependencies. *Computational Linguistics*, 47(2): 255–308.

Judith Tonhauser, Marie-Catherine de Marneffe and Judith Degen. 2020. Evaluative adjective sentences: A question-based analysis of projection. *Glossa: A journal of general linguistics*, 5(1): 87. 1–33.

Marie-Catherine de Marneffe and Joakim Nivre. 2019. Dependency Grammar. *Annual Re-*

view of Linguistics, 5:197-218 (invited contribution).

Bruno Guillaume, Marie-Catherine de Marneffe, Guy Perrier. 2019. Conversion et améliorations de corpus du français annotés en Universal Dependencies. *Traitement Automatique des Langues*, ATALA, 60 (2):71-95.

Marie-Catherine de Marneffe and Judith Tonhauser. 2019. Inferring meaning from indirect answers to polar questions: The contribution of the rise-fall-rise contour. "Question in Discourse" in Current Research in the Semantics/Pragmatics interface (Edgar Onea, Malte Zimmermann, and Klaus von Heusinger, eds.).

Marie-Catherine de Marneffe and Christopher Potts. 2017. Developing linguistic theories using annotated corpora. Nancy Ide and James Pustejovsky, eds., *The Handbook of Linguistic Annotation*, Springer: Dordrecht, 411-438.

Chaitanya Shivade, Courtney Hebert, Marcelo Loptegui, Marie-Catherine de Marneffe, Eric Fosler-Lussier and Albert Lai. 2015. Textual Inference for Eligibility Criteria Resolution in Clinical Trials. *Journal of Biomedical Informatics* 58.

Marie-Catherine de Marneffe, Marta Recasens and Christopher Potts. 2015. Modeling the lifespan of discourse entities with application to coreference resolution. *Journal of Artificial Intelligence* 52:445-475.

Spence Green, Marie-Catherine de Marneffe and Christopher D. Manning. 2013. Parsing models for identifying multiword expressions.*Computational Linguistics* 39(1):195-227.

Marie-Catherine de Marneffe, Christopher D. Manning and Christopher Potts. 2012. Did it happen? The pragmatic complexity of veridicality assessment. *Computational Linguistics* 38(2):301-333.

Eve V. Clark and Marie-Catherine de Marneffe. 2012. Constructing verb paradigms in French: Adult construals and emerging grammatical contrasts. *Morphology* 22:89-120.

Marie-Catherine de Marneffe, Scott Grimm, Inbal Arnon, Susannah Kirby and Joan Bresnan. 2012. A statistical model of grammatical choices in child production of dative sentences. *Language and Cognitive Processes* 27(1):25-61.

Refereed full papers

Pingjun Hong, Beiduo Chen, Siyao Peng, Marie-Catherine de Marneffe and Barbara Plank. 2025. LITEX: A LInguistic Taxonomy of EXplanations for Understanding Within-Label Variation in Natural Language Inference. *Proceedings of the 2025 Conference on Empirical Methods in Natural Language Processing (EMNLP 2025).*

Leon Weber-Genzel, Siyao Peng, Marie-Catherine de Marneffe and Barbara Plank. 2024. VARIERR NLI: Separating Annotation Error from Human Label Variation. *Proceedings of the 62nd Annual Meeting of the Association for Computational Linguistics (ACL 2024).*

Louis Escouflaire, Joanna Blochowiak, Marie-Catherine de Marneffe and Elisabeth Degand. 2024. Which connective fits best: 'car' or 'parce que'? A challenge for both humans and LLMs. *Proceedings of the 17th International Conference on Statistical Analysis of Textual Data (JADT 2024).*

Ashley Lewis, Lingbo Mo, Marie-Catherine de Marneffe, Huan Sun and Michael White. 2024. Insights of a Usability Study for KBQA Interactive Semantic Parsing: Generation

Yields Benefits over Templates but External Validity Remains Challenging. *Proceedings of the HumEval workshop.*

Lisa Hofmann, Marie-Catherine de Marneffe and Judith Tonhauser. 2024. Projection differs across embedding operators – but not like you think. To appear in *Proceedings of Sinn und Bedeutung 28.*

Nan-Jiang Jiang, Chenhao Tan and Marie-Catherine de Marneffe. 2023. Ecologically Valid Explanations for Label Variation in NLI. *Findings of the Association for Computational Linguistics: EMNLP 2023.*

Jérémie Bogaert, Louis Escouflaire, Marie-Catherine de Marneffe, Antonine Descampe, François-Xavier Standaert and Cédrick Fairon. 2023. TIPECS : A corpus cleaning method using machine learning and qualitative analysis. *Actes des 11èmes Journées Internationales de la Linguistique de Corpus*, 160-164.

Rodrigo Wilkens, David Alfter, Rémi Cardon, Isabelle Gribomont, Adrien Bibal, Patrick Watrin, Marie-Catherine de Marneffe and Thomas François. 2022. CENTAL at TSAR-2022 Shared Task: How does context impact BERT-generated substitutions for lexical simplification? *Workshop on Text Simplification, Accessibility, and Readability (TSAR-2022).*

Jérémie Bogaert, Louis Escouflaire, Marie-Catherine de Marneffe, Antonin Descampe and Francois-Xavier Standaert. 2022. Automatic and manual detection of generated news: Case study, limitations and challenges. *1st ACM International Workshop on Multimedia AI against Disinformation.*

Xinliang Frederick Zhang and Marie-Catherine de Marneffe. 2021. Identifying inherent disagreement in natural language inference. *Proceedings of the 2021 Annual Conference of the North American Chapter of the Association for Computational Linguistics.*

Ahmad Aljanaideh, Eric Fosler-Lussier and Marie-Catherine de Marneffe. 2020. Contextualized embeddings for enriching linguistic analyses on politeness. *Proceedings of the 28th International Conference of Computational Linguistics (Coling 2020).*

Taylor Mahler, Marie-Catherine de Marneffe and Catherine Lai. 2020. The prosody of presupposition projection in naturally-occurring utterances. *Proceedings of Sinn und Bedeutung 24.*

Elena Vaiksnoraite, Marie-Catherine de Marneffe and Judith Tonhauser. 2019. On the prosody of presupposition projection: A production experiment. *North East Linguistic Society* 49: 241-254.

Nanjiang Jiang and Marie-Catherine de Marneffe. 2019. Evaluating BERT for natural language inference: a case study on the CommitmentBank. *Proceedings of the 2019 Conference on Empirical Methods in Natural Language Processing (EMNLP 2019).*

Nanjiang Jiang and Marie-Catherine de Marneffe. 2019. Do you know that Florence is packed with visitors? Evaluating state-of-the-art models of speaker commitment. *Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics (ACL 2019).* **Best short paper award**.

Marie-Catherine de Marneffe, Mandy Simons and Judith Tonhauser. 2019. The CommitmentBank: Investigating projection in naturally occurring discourse. *Proceedings of Sinn und Bedeutung 23.*

Judith Tonhauser, Marie-Catherine de Marneffe, Shari R. Speer and Jon Stevens. 2019. On the information structure sensitivity of projective content. *Proceedings of Sinn und Bedeutung 23.*

Alexander Erdmann, David Joseph Wrisley, Benjamin Allen, Christopher Brown, Sophie Cohen-Bodén'es, Micha Elsner, Yukun Feng, Brian Joseph, Béatrice Joyeaux-Prunel and Marie-Catherine de Marneffe. 2019. Practical, Efficient, and Customizable Active Learning for Named Entity Recognition in the Digital Humanities. *Proceedings of the 2019 Annual Conference of the North American Chapter of the Association for Computational Linguistics.*

Jackson Luken, Nanjiang Jiang and Marie-Catherine de Marneffe. 2018. QED: A fact verification system for the FEVER shared task. *Proceedings of the First Workshop on Fact Extraction and VERification (FEVER).*

Taylor Mahler, Willy Cheung, Micha Elsner, David King, Marie-Catherine de Marneffe, Cory Shain, Symon Stevens-Guille and Michael White. 2017. Breaking NLP: Using morphosyntax, semantics, pragmatics and world knowledge to fool sentiment analysis systems. *Proceedings of the Workshop on Building Linguistically Generalizable NLP.*

Marie-Catherine de Marneffe, Matias Grioni, Jenna Kanerva and Filip Ginter. 2017. Assessing the annotation consistency of the Universal Dependencies corpora. *Proceedings of the fourth International Conference on Dependency Linguistics (DEPLING 2017).*

Sandesh Swamy, Alan Ritter and Marie-Catherine de Marneffe. 2017. "i have a feeling trump will win.....": Forecasting winners and losers from user predictions on Twitter. *Proceedings of the 2017 Conference on Empirical Methods in Natural Language Processing (EMNLP 2017).*

Jon Scott Stevens, Marie-Catherine de Marneffe, Shari R. Speer and Judith Tonhauser. 2017. Predicting projection from rational use of prosody in manner adverb utterances. *Proceedings of the Cognitive Science Society Annual Meeting 2017.*

Alexander Erdmann, Christopher Brown, Brian Joseph, Mark Janse, Petra Ajaka, Micha Elsner and Marie-Catherine de Marneffe. 2016. Challenges and solutions for Latin named entity recognition. *Proceedings of the Language Technology Resources and Tools for Digital Humanities workshop.*

Chaitanya Shivade, Marie-Catherine de Marneffe, Eric Fosler-Lussier and Albert M. Lai. 2016. Identification, characterization, and grounding of gradable terms in clinical text. *Proceedings of the 15th Workshop on Biomedical Natural Language Processing.*

Joo-Kyung Kim, Marie-Catherine de Marneffe and Eric Fosler-Lussier. 2016. Adjusting word embeddings with semantic intensity orders. *Proceedings of the 1st Workshop on Representation Learning for NLP.*

Lifeng Jin and Marie-Catherine de Marneffe. 2015. The overall markedness of discourse relations. *Proceedings of the 2015 Conference on Empirical Methods in Natural Language Processing (EMNLP 2015).*

Ajda Gokcen and Marie-Catherine de Marneffe. 2015. I do not disagree: Leveraging monolingual alignment to detect disagreement in dialogue. *Proceedings of the 54th Annual Meeting of the Association for Computational Linguistics (ACL 2015).*

Chaitanya Shivade, Marie-Catherine de Marneffe, Eric Folser-Lussier, Albert Lai. 2015. Corpus-based discovery of semantic intensity scales. *Proceedings of the 2015 Conference of*

the North American Chapter of the Association for Computational Linguistics.

Chaitanya Shivade, Marie-Catherine de Marneffe, Eric Fosler-Lussier and Albert Lai. 2015. Extending NegEx with kernel methods for negation detection in clinical text. *Proceedings of NAACL Extra-propositional aspects of meaning in computational linguistics (ExProM) workshop.*

Joo-Kyung Kim, Marie-Catherine de Marneffe and Eric Fosler-Lussier. 2015. Neural word embeddings with multiplicative feature interactions for tensor-based compositions. *Proceedings of NAACL workshop on vector space modeling for NLP.*

Chaitanya Shivade, Courtney Hebert, Marcelo Lopetegui, Marie-Catherine de Marneffe, Eric Fosler-Lussier, Albert Lai. 2014. Towards Textual Inference for Eligibility Criteria Resolution in Clinical Trials. *Seventh i2b2 Shared Task and Workshop: Challenges in Natural Language Processing for Clinical Data (Oral Presentation).*

Manjuan Duan, Micha Elsner and Marie-Catherine de Marneffe. 2013. Visual and linguistic predictors for the definiteness of referring expressions. *Proceedings of SEMDIAL 2013.*

Joo-Kyung Kim and Marie-Catherine de Marneffe. 2013. Deriving adjectival scales from continuous space word representations. *Proceedings of the 2013 Conference on Empirical Methods in Natural Language Processing (EMNLP 2013).*

Marie-Catherine de Marneffe, Miriam Connor, Natalia Silveira, Samuel R. Bowman, Timothy Dozat and Christopher D. Manning. 2013. More constructions, more genres: Extending Stanford Dependencies. *Proceedings of the second International Conference on Dependency Linguistics (DEPLING 2013).*

Marta Recasens, Marie-Catherine de Marneffe and Christopher Potts. 2013. The life and death of discourse entities: Identifying singleton mentions. *Proceedings of the 2013 Conference of the North American Chapter of the Association for Computational Linguistics.* **Best short paper award**.

Marie-Catherine de Marneffe, Christopher D. Manning and Christopher Potts. 2011. Veridicality and utterance understanding. *Proceedings of the Fifth IEEE International Conference on Semantic Computing.*

Spence Green, Marie-Catherine de Marneffe, John Bauer and Christopher D. Manning. 2011. Multiword expression identification with tree substitution grammars: A parsing tour de force with French. *Proceedings of the 2011 Conference on Empirical Methods in Natural Language Processing (EMNLP 2011).*

Marie-Catherine de Marneffe, John Tomlinson, Jr., Marisa Tice and Meghan Sumner. 2011. The interaction of lexical frequency and phonetic variation in the perception of accented speech. *Proceedings of the Cognitive Science Society Annual Meeting 2011.*

Marie-Catherine de Marneffe, Christopher D. Manning and Christopher Potts. 2010. Was it good? It was provocative. *Proceedings of the 48th Annual Meeting of the Association for Computational Linguistics (ACL 2010).*Marie-Catherine de Marneffe, Scott Grimm and Christopher Potts. 2009. Not a simple yes or no: Uncertainty in indirect answers. *Proceedings of the 10th Annual SIGDIAL Meeting on Discourse and Dialogue.*

Marie-Catherine de Marneffe, Sebastian Padó and Christopher D. Manning. 2009. Multiword expressions in textual inference: Much ado about nothing? *Proceedings of ACL/IJCNLP 2009 Workshop on Applied Textual Inference (TextInfer 2009).*

Marie-Catherine de Marneffe and Christopher D. Manning. 2008. The Stanford typed dependencies representation. *COLING Workshop on Cross-framework and Cross-domain Parser Evaluation.*

Marie-Catherine de Marneffe, Anna Rafferty and Christopher D. Manning. 2008. Finding contradictions in text. *Proceedings of the 46th Annual Meeting of the Association for Computational Linguistics (ACL 2008).*

Nathanael Chambers, Daniel Cer, Trond Grenager, David Hall, Chloe Kiddon, Bill MacCartney, Marie-Catherine de Marneffe, Daniel Ramage, Eric Yeh and Christopher D. Manning. 2007. Learning Alignments and Leveraging Natural Logic. *Proceedings of the ACL-PASCAL Workshop on Textual Entailment and Paraphrasing.*

Bill MacCartney, Trond Grenager, Marie-Catherine de Marneffe, Daniel Cer and Christopher D. Manning. 2006. Learning to recognize features of valid textual entailments. *Proceedings of the Human Language Technology Conference of the North American Chapter of the Association for Computational Linguistics (HLT-NAACL 2006).*

Marie-Catherine de Marneffe, Cédric Archambeau, Pierre Dupont, Michel Verleysen. 2005. Local Vector-based Models for Sense Discrimination. *Proceedings of the 6th International Workshop on Computational Semantics (IWCS 6).*

Marie-Catherine de Marneffe and Pierre Dupont. 2004. Comparative study of statistical word sense discrimination. *Proceedings of the 7th International Conference on Statistical Analysis of Textual Data (JADT 2004).*

Other publications

Raúl Vázquez, Hande Celikkanat, Dennis Ulmer, Jörg Tiedemann, Swabha Swayamdipta, Wilker Aziz, Barbara Plank, Joris Baan, and Marie-Catherine de Marneffe. 2024. *Proceedings of the first uncertainty-aware NLP workshop.*

Dan Roth, Marine Carpuat, Marie-Catherine de Marneffe, Ivan Vladimir Meza Ruiz, Ryan Cotterell. 2022. *Proceedings of the 2022 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies.*

Marie-Catherine de Marneffe, Miryam de Lhoneux, Joakim Nivre and Sebastian Schuster. 2020. *Proceedings of the fourth workshop on Universal Dependencies.*

Joakim Nivre, Marie-Catherine de Marneffe, Filip Ginter, Jan Hajič, Christopher D. Manning, Sampo Pyysalo, Sebastian Schuster, Francis Tyers, Daniel Zeman. 2020. Universal Dependencies v2: An Evergrowing Multilingual Treebank Collection. In *Proceedings of 12th International Conference on Language Resources and Evaluation (LREC 2020).*

Marie-Catherine de Marneffe, Teresa Lynn and Sebastian Schuster. 2018. *Proceedings of the second workshop on Universal Dependencies.*

Marie-Catherine de Marneffe, Joakim Nivre and Sebastian Schuster. 2017. *Proceedings of the first workshop on Universal Dependencies.*

Benjamin Strauss, Bethany E. Toma, Alan Ritter, Marie-Catherine de Marneffe and Wei Xu. 2016. Results of the WNUT16 Named Entity Recognition Shared Task. *Proceedings of Coling 2016 Workshop on Noisy User-generated Text (WNUT).*

Joakim Nivre, Marie-Catherine de Marneffe, Filip Ginter, Yoav Goldberg, Jan Hajic, Christo-

pher D. Manning, Ryan McDonald, Slav Petrov, Sampo Pyysalo, Natalia Silveira, Reut Tsarfaty and Daniel Zeman. 2016. Universal Dependencies v1: A Multilingual Treebank Collection. *Proceedings of 10th International Conference on Language Resources and Evaluation (LREC 2016).*

Timothy Baldwin, Marie-Catherine de Marneffe, Bo Han, Young-Bum Kim, Alan Ritter, Wei Xu. 2015. Shared Tasks of the 2015 Workshop on Noisy User-generated Text: Twitter Lexical Normalization and Named Entity Recognition. *Proceedings of ACL 2015 Workshop on Noisy User-generated Text (WNUT).*

Marie-Catherine de Marneffe, Natalia Silveira, Timothy Dozat, Katri Haverinen, Filip Ginter, Joakim Nivre and Christopher D. Manning. 2014. Universal Stanford dependencies: A cross-linguistic typology. *Proceedings of 9th International Conference on Language Resources and Evaluation (LREC 2014).*

Natalia Silveira, Timothy Dozat, Marie-Catherine de Marneffe, Samuel R. Bowman, John Bauer and Christopher D. Manning. 2014. A gold standard dependency corpus for English. *Proceedings of 9th International Conference on Language Resources and Evaluation (LREC 2014).*

Marie-Catherine de Marneffe, Anna R. Rafferty and Christopher D. Manning. 2011. Identifying conflicting information in texts. Joseph Olive, Caitlin Christianson and John McCary (Eds.), *Handbook of Natural Language Processing and Machine Translation: DARPA Global Autonomous Language Exploitation*, Springer, New York, NY.

Daniel Cer, Marie-Catherine de Marneffe, Daniel Jurafsky and Christopher D. Manning. 2010. Parsing to Stanford Dependencies: Trade-offs between speed and accuracy. *Proceedings of 7th International Conference on Language Resources and Evaluation (LREC 2010).*

Sebastian Pado, Marie-Catherine de Marneffe, Bill MacCartney, Anna N. Rafferty, Eric Yeh and Christopher D. Manning. 2008. Deciding entailment and contradiction with stochastic and edit distance-based alignment. *Proceedings of the Text Analysis Conference.*

Marie-Catherine de Marneffe, Trond Grenager, Bill MacCartney, Daniel Cer, Daniel Ramage, Chloé Kiddon and Christopher D. Manning. 2007. Aligning semantic graphs for textual inference and machine reading. *Association for the Advancement of Artificial Intelligence (AAAI) Spring Symposium: Machine Reading.*

Marie-Catherine de Marneffe, Bill MacCartney, Trond Grenager, Daniel Cer, Anna Rafferty and Christopher D. Manning. 2006. Learning to distinguish valid textual entailments. *Proceedings of the Second PASCAL Challenges Workshop.*

Marie-Catherine de Marneffe, Bill MacCartney and Christopher D. Manning. 2006. Generating typed dependency parses from phrase structure parses. *Proceedings of the 5th International Conference on Language Resources and Evaluation (LREC 2006).*

Rajat Raina, Aria Haghighi, Christopher Cox, Jenny Finkel, Jeff Michels, Kristina Toutanova, Bill MacCartney, Marie-Catherine de Marneffe, Christopher D. Manning and Andrew Y. Ng. 2005. Robust textual inference using diverse knowledge sources. *Proceedings of the First PASCAL Challenges Workshop.*

Presentations and Posters

Louis Escouflaire, Joanna Blochowiak, Marie-Catherine de Marneffe and Elisabeth Degand. 2024. Can humans and large language models predict French causal connectives parce que and car with minimal context? Talk, The 5th Experimental Pragmatics Conference in Italy (XPRAG.it 2024), Venice.

Lisa Hofmann, Marie-Catherine de Marneffe and Judith Tonhauser, 2023. "Projection variability of clausal complements across different operators", Poster, The Tenth Biennial Meeting of Experimental Pragmatics (XPRAG X), Université Paris Cité.

Lisa Hofmann, Marie-Catherine de Marneffe and Judith Tonhauser, 2023. "Projection variability of clausal complements across different operators", Sinn und Bedeutung 28, Ruhr University Bochum.

Taylor Mahler, Marie-Catherine de Marneffe and Catherine Lai. 2021. "Factivity, prosody, and at-issueness: Investigating the projection behavior of (non-)factives". Poster, MK40: Common Knowledge, Common Ground, and Context in Communication.

Taylor Mahler, Marie-Catherine de Marneffe and Catherine Lai. 2019. "The prosody of presupposition projection in naturally-occurring utterances". Poster, Sinn und Bedeutung 24, Osnabrück.

Marie-Catherine de Marneffe, Mandy Dickerman, Micha Elsner and Shari R. Speer. 2019. "Individual strategies for resolving lexical and prosodic cues to certainty", Poster, 32nd CUNY Conference on Human Sentence Processing, Boulder, CO.

Marie-Catherine de Marneffe, Mandy Simons and Judith Tonhauser. 2018. "Factivity in doubt: Clause-embedding predicates in naturally occurring discourse". Poster, Sinn und Bedeutung 23, Barcelona.

Marie-Catherine de Marneffe, Micha Elsner and Shari Speer. 2017. "I think it's a tiger": Does prosody help distinguish different uses of belief verbs? Poster, 30th CUNY Conference on Human Sentence Processing, Cambridge, MA.

Kiwako Ito, Marie-Catherine de Marneffe, Paul Sandels. 2016. Developmental shift in the organization of lexical alternatives, *The Mental Lexicon*, Ottawa.

Marie-Catherine de Marneffe and Judith Tonhauser. 2015. On the role of context and prosody in the generation of scalar implicatures of adjectives. *MXPRAG 2015*.

Marie-Catherine de Marneffe and Micha Elsner. 2015. "I think that's enough": Mental state verbs rarely report beliefs in child-directed speech. Poster, 28th CUNY Conference on Human Sentence Processing, Los Angeles, CA.

Marie-Catherine de Marneffe (joint work with Marta Recasens and Christopher Potts). 2014. Modeling the Lifespan of Discourse Entities: Nature or Nurture? 2nd Conference of the American Pragmatics Association, UCLA, October 17-19.

Judith Tonhauser (joint work with Marie-Catherine de Marneffe). 2014. Indirect answers to polar questions: Scalar inferencing and the rise-fall-rise contour. 5th Meeting of the DFG Network on Questions in Discourse, University of Stuttgart, May 20-21.

Paul Sandels, Marie-Catherine de Marneffe and Micha Elsner. 2014. Child-directed mental state verbs are often assertions. Poster, Midwest Speech and Language Day 2014, University

of Illinois at Urbana-Champaign, IL.

Marie-Catherine de Marneffe and Christopher D. Manning. 2014. Stanford Universal dependencies. EACL Universal Dependency Meeting, Gothenburg, Sweden, April 26.

Marie-Catherine de Marneffe and Judith Tonhauser. 2014. Prosody affects scalar implicature generation. Poster, 27th CUNY Conference on Human Sentence Processing, Columbus, OH.

Seth Wiener and Marie-Catherine de Marneffe. 2014. Top-down lexical tone processing in Mandarin Chinese. Poster, East Asian Psycholinguistics Conference, Chicago, IL.

Marie-Catherine de Marneffe and Christopher Potts. 2011. A case study in effectively crowdsourcing long tasks with novel categories. Presentation, Workshop on Crowdsourcing Technologies for Language and Cognition Studies, LSA Institute, Boulder, CO.

Marie-Catherine de Marneffe and Meghan Sumner. 2009. Manipulating within-speaker variation in non-native speech perception. Poster, 158th Meeting of the Acoustical Society of America, San Antonio, Texas.

Marie-Catherine de Marneffe. 2009. Input and pattern frequencies matter for acquiring French past participle forms. Presentation, 33rd Stanford Child Language Research Forum, Berkeley, CA.

Harry Tily, Marie-Catherine de Marneffe and Roger Levy. 2009. Comprehension difficulty reflects an understanding of likely production errors. Poster, 22nd CUNY Conference on Human Sentence Processing, Davis, CA.

Scott Grimm and Marie-Catherine de Marneffe. 2008. Re-examining instrumental subjects from an empirical stance. 82nd Annual Meeting of the Linguistic Society of America, Chicago, IL.

Marie-Catherine de Marneffe, Scott Grimm, Uriel Cohen Priva, Sander Lestrade, Gorkem Ozbek, Tyler Schnoebelen, Susannah Kirby, Misha Becker, Vivienne Fong and Joan Bresnan. 2007. A statistical model of grammatical choices in children's production of dative sentences. Formal Approaches to Variation in Syntax, University of York, England.

Technical reports

Marie-Catherine de Marneffe, Natalia Silveira, Timothy Dozat, Katri Haverinen, Filip Ginter, Joakim Nivre and Christopher D. Manning. 2015. Universal Stanford dependencies: A cross-linguistic typology. Version of 2015-11-12.

Marie-Catherine de Marneffe and Christopher D. Manning. 2008. Stanford typed dependencies manual. Technical report, NLP Group, Stanford University.

Resources and tools

Stanford Dependencies software: produces a widely used practical grammatical relations representation of English. Showcased as one of DARPA's 2012 accomplishments.

Member of the core group of 14 researchers developing the "Universal dependencies" guidelines and treebanks. Universal Dependencies/Treebanks won the META Seal of Recognition 2016.

Invited talks and panels

Sept. 12 2025	"Consensus is a myth: Human label variation in Natural Language Inference", CLIN, KULeuven.
Sept. 9 2025	"Human label variation", AthNLP Summer School, NCSR Demokritos Campus, Athens.
June 12 2025	"Consensus is a myth: Human label variation in NLI", MainNLP lab, LMU.
April 19 2025	Invited panelist "Comment s'informer à l'ère de l'IA générative", European AI week, BOSA, Brussels.
Feb. 20 2025	Atelier de formation FIAL à l'IA générative, UCLouvain.
Nov. 14 2024	"Au-delà de l'étiquette unique : Vers une annotation plus riche en TAL", LIFT2 (Linguistique Informatique, Formelle et de Terrain) : Journées de lancement, Université d'Orléans.
Nov. 7 2024	"An overview of the Universal Dependencies resources and tools", Experimental Laboratory of University of Bologna.
Oct. 14 2024	"Au-delà de l'étiquette unique : Vers une annotation plus riche en TAL", COLDOC 2024 Colloque de doctorants et jeunes chercheurs "La linguistique dans une ère nouvelle : discours, méthodes et technologies dans le paysage contemporain.", Université Paris Nanterre.
Apr. 8 2024	Invited panelist "Intelligence artificielle et diversité linguistique: quels impacts et possibilités", Conférence sur le Multilinguisme au XXIème siècle, Fédération Wallonie Bruxelles, Brussels.
Jan. 18 2024	"The place of linguistics in Artificial Intelligence", WTW Catalyst Conversations, online.
Dec. 14 2023	"L'IA générative: Potentiel et défis", La rencontre de la Fondation Louvain, UCLouvain.
Oct. 17 2023	"Human label variation in natural language inference". Dealing with Meaning Variation in NLP, kick-off meeting, University of Utrecht.
June 21 2023	"L'IA générative: enjeux et limites", Idealys ASBL.
June 9 2023	"Investigating reasons for disagreement in natural language inference", NLP Seminars, Cambridge University.
Apr. 25 2023	"Les technologies du langage et l'IA", Séance inaugurale de la Chaire Altissia *Cultures et éthique du numérique*, UCLouvain.
Apr. 25 2023	"Added values & benefits: COST Action CA21167 Universality, diversity and idiosyncrasy in language technology", COST INFO DAY 2023 Belgium.
Mar. 30 2023	"Investigating reasons for disagreement in natural language inference", MAGNET, INRIA Lille Europe.

Mar. 8 2023 Invited panelist "ChatGPT : menace ou opportunité pour l'enseignement supérieur ?", UCLouvain - Woluwé.

Feb. 7 2023 Invited panelist "ChatGPT : menace ou opportunité pour l'enseignement supérieur ?", UCLouvain - Louvain-la-Neuve.

Jan. 27 2023 "Investigating reasons from disagreement in natural language inference", Language Evolution, Acquisition, and Processing Workshop, University of Chicago, Linguistics.

Jan. 6 2023 "Can neural networks identify speaker commitment?", ALiAS: Amsterdam Lectures in Artificial Intelligence and Society, University of Amsterdam.

Dec. 11 2022 Invited panelist "Open questions, major obstacles, and unresolved issues in NLP", EMNLP, Abu Dhabi.

Oct. 3 2022 "The place of Linguistics in Artificial Intelligence: Why do computers still don't get it as well as we do?", Sciences & Cocktail, Brussels.

Sept. 28 2022 "Can neural network identify factuality?", INRIA, Université de Paris.

Sept. 27 2022 "L'influence de l'input parental en acquisition: la production de l'alternance dative et l'interprétation des verbes mentaux", MoDyCo, Université de Paris-Nanterre.

May 18 2022 "Can neural networks identify speaker commitment?", Invited Symposium on Computational Approaches to the Study of Meaning at ELM2, University of Pennsylvania.

Mar. 31 2022 "Can neural networks identify factuality?", Distinguished Computational Linguistics Lecture, Rochester Institute of Technology.

Dec. 16 2021 "Universal Dependencies: the good, the bad and the potential", Keynote at the first workshop on Parsing and its Applications for Indian Languages (PAIL-2021).

June 1 2021 "Can neural networks identify speaker commitment?", ILFC Seminar: Interactions between formal and computational linguistics, GDR LIFT (Linguistique Informatique, Formelle et de Terrain).

May 6 2021 "Identifying speaker commitment for natural language understanding", CENTAL Seminars, UCLouvain.

April 24 2021 "Quelle place pour la linguistique dans l'intelligence artificielle ?", Keynote at 50 ans de linguistique à l'UQAM (Université du Québec à Montréal) - Regards croisés sur les enjeux de la linguistique.

Oct. 1 2019 "Do you know that there's still a chance? Identifying speaker commitment for natural language understanding", Keynote at NoDaLiDa, Turku, Finland.

Sept. 24 2018 "Computational pragmatics: A case study of speaker commitment", Keynote at the 2018 International Conference on the Computational Processing of Portuguese, Canela, Brazil.

Mar. 5 2018 "Computational pragmatics: A case study of speaker commitment", NLP and Text as Data Speaker Series, New York University.

Nov. 10 2017 "Computational pragmatics: A case study of speaker commitment", Department of Linguistics Colloquium Series, Stanford University.

Sept. 26 2017 "Automatically drawing inferences", Department of Linguistics Colloquium Series, University of Geneva.

Sept. 25 2017 "Common sense data: where do things stand?", Computational Linguistics Unit, University of Geneva.

Jul. 27 2017 "Drawing inferences", Talk at the Google Natural Language Understanding Workshop (`https://sites.google.com/view/2017nlpworkshop/home`).

May 24 2017 "Automatically drawing inferences", ILCC seminar, University of Edinburgh.

Jan. 21 2017 "Universal dependencies: the good, the bad, and the potential", Keynote at the 15th International Workshop on Treebanks and Linguistic Theories, Bloomington, Indiana.

Nov. 5 2016 "Drawing inferences", Panelist at the NSF-funded workshop Uphill Battles in Language Processing, EMNLP, Austin, Texas.

Aug. 7 2016 "Assessing the consistency and use of "common sense" and dependency annotations", Keynote at the 10th Linguistic Annotation Workshop, Association for Computational Linguistics, Berlin.

Mar. 17 2016 "Using linguistic insights to improve textual understanding: applications to coreference resolution and negation detection", Keynote at Nuance virtual Research Conference, Nuance.

Mar. 13 2015 "I think that's enough: Mental state verbs rarely report beliefs in child-directed speech", Buckeye Language Network symposium, OSU.

Feb. 6 2015 "Did it happen? The pragmatic complexity of veridicality assessment", Workshop on Language, Cognition, and Computation, University of Chicago.

Dec. 5 2014 "Modeling the lifespan of discourse entities with application to coreference resolution", Language Technology Institute, Carnegie Mellon University.

Nov. 14 2014 "Modeling the lifespan of discourse entities with application to coreference resolution", Computer Sciences, Pittsburgh University.

Jul. 16 2014 "Capturing inferences: Detecting conflicting information and veridicality", Nuance Research Seminar, Nuance, Sunnyvale, CA.

Dec. 6 2013 "Aren't you tired of gradable adjectives? They are fascinating: Automatically deriving adjectival scales". Center for Language and Speech Processing, Johns Hopkins University.

Dec. 5 2013 "Aren't you tired of gradable adjectives? They are fascinating: Automatically deriving adjectival scales". Computer Sciences, University of Pennsylvania.

March 5 2012 "What's that supposed to mean? Modeling the pragmatic meaning of utterances". Linguistics Department, The Ohio State University.

Jan. 27 2012	"Un modèle statistique de l'alternance dative chez l'enfant". Linguistics Department, Paris 7, Paris, France.
Jan. 26 2012	"What's that supposed to mean? Modeling the pragmatic meaning of utterances". Computer Science Department, University College London, England.
Sept. 9 2011	"Monitoring distributional patterns in our input: probabilistic models for production and comprehension". Alpage, Inria – Paris 7, Paris, France.
April 29 2011	"Computational models of utterance meaning". Information Sciences Institute, USC, Los Angeles, CA.
Nov. 10 2008	"Finding contradictions in text." Yahoo!, Sunnyvale, CA.

Teaching experience

Autumn 2024	LCLIG 2250 – Méthodologie de l'analyse de corpus en linguistique (Graduate). UCLouvain.
Mar. 18 2024	"The I in LLMs stands for Intelligence: Large Language Models and their use in Natural Language Processing" Guest lecture, TRAIL doctoral school.
Oct. 12 2023	"Démystifier les larges modèles de langue", Guest lecture, Actualités en data science, UNamur. Instructor: Katrien Beuls.
Autumn 2023	LCLIG 2250 – Méthodologie de l'analyse de corpus en linguistique (Graduate). UCLouvain.
June 19 2023	"Universal Dependencies tutorial", UniDive Training school.
Autumn 2022	LCLIG 2250 – Méthodologie de l'analyse de corpus en linguistique (Graduate). UCLouvain.
May 2022	LINGUISTICS 5050 – Technical tools for linguistics (Undergraduate and graduate). The Ohio State University.
Spring 2022	Pragmatics discussion group (Graduate). The Ohio State University.
Autumn 2021	Pragmatics discussion group (Graduate). The Ohio State University.
May 2020	LINGUISTICS 5050 – Technical tools for linguistics (Undergraduate and graduate). The Ohio State University.
Spring 2020	Pragmatics discussion group (Graduate). The Ohio State University.
Autumn 2019	LINGUISTICS 5801 – Introduction to Computational Linguistics (Graduate). The Ohio State University.
	Pragmatics discussion group (Graduate). The Ohio State University.
Spring 2019	LINGUISTICS 5804 – Analyzing language in social media (Undergraduate and graduate). The Ohio State University.
	Clippers discussion group. The Ohio State University.

Autumn 2018	LINGUISTICS 4400 – Linguistic meaning (Undergraduate). The Ohio State University.
	Clippers discussion group. The Ohio State University.
May 2018	LINGUISTICS 5050 – Technical tools for linguistics (Undergraduate and graduate). The Ohio State University.
Spring 2018	Pragmatics discussion group (Graduate). The Ohio State University.
Autumn 2017	LINGUISTICS 5801 – Introduction to Computational Linguistics (Graduate). The Ohio State University.
	Pragmatics discussion group (Graduate). The Ohio State University.
Spring 2017	LINGUISTICS 5804 – Analyzing language in social media (Undergraduate and graduate). The Ohio State University.
	Pragmatics discussion group (Graduate). The Ohio State University.
Oct. 20 2016	"Modeling the lifespan of discourse entities" Guest lecture, LINGUISTICS 2000H – Introduction to Language. Instructor: Kiwako Ito, OSU.
Sept. 9 2016	"Acoustics, IPA, spectrograms & Praat" Guest lecture, LINGUISTICS 3802 – Language and Computers. Instructor: Michael White, OSU.
Autumn 2016	LINGUISTICS 4400 – Linguistic meaning (Undergraduate). The Ohio State University.
	Pragmatics discussion group: Probabilistic pragmatics (Graduate). The Ohio State University.
May 2016	LINGUISTICS 5050 – Technical tools for linguistics (Undergraduate and graduate). The Ohio State University.
Spring 2016	LINGUISTICS 4400 – Linguistic meaning (Undergraduate). The Ohio State University.
Autumn 2015	LINGUISTICS 5801 – Introduction to Computational Linguistics (Graduate). The Ohio State University.
Spring 2015	LINGUISTICS 4400 – Linguistic meaning (Undergraduate). The Ohio State University.
	LINGUISTICS 8450 – Seminar in experimental and computational pragmatics (Graduate). The Ohio State University.
	Clippers. The Ohio State University.
Autumn 2014	Clippers. The Ohio State University.
May 2014	LINGUISTICS 5050 – Technical tools for linguistics (Undergraduate and graduate). The Ohio State University.
Spring 2014	Clippers. The Ohio State University.
Autumn 2013	Clippers. The Ohio State University.
	LINGUISTICS 4400 – Linguistic meaning (Undergraduate). The Ohio State University.

May 2013	LINGUISTICS 8800 – Seminar in computational linguistics (Graduate). The Ohio State University.
Spring 2013	LINGUISTICS 3802 – Language and computers (Undergraduate). The Ohio State University.
Nov. 10, 2008	"Some aspects of syntax and semantics in computational linguistics." Guest lecture, LINGUISTICS 1 – Introduction to Linguistics. Instructors: Penelope Eckert and Ivan Sag, Stanford University.
June 4, 2008	"Introduction to Computational Linguistics." Guest lecture, LINGUISTICS 1 – Introduction to Linguistics. Instructor: Asya Pereltsvaig, Stanford University.
2008	Teaching assistant. SYMBOLIC SYSTEMS 100 – Introduction to Cognitive and Information Sciences Instructor: Todd Davies, Stanford University.
2007	Teaching assistant. LINGUISTICS 180/COMPUTER SCIENCE 124 – Introduction to Computational Linguistics. Instructor: Dan Jurafsky, Stanford University.
2001–2004	Teaching assistant. Discrete mathematics, algorithmics, data structures, introduction to programming. Computing Science Department, Université catholique de Louvain, Belgium.
2001	Latin teacher (high school). Collège Saint-Pierre Uccle, Belgium.

Advising and committee memberships

Postdoctoral advisor

Artur Kulmizev (2025-2028): P.D. in Linguistics, Uppsala University, FNRS MIS Grant.

Jon Scott Stevens (2016-2018): Ph.D. in Linguistics, University of Pennsylvania (2013), American Council of Learned Societies and the Humanities and the Arts Discovery Theme at The Ohio State University Fellow 2016-2018, co-advisor with Judith Tonhauser

Visiting scholar sponsor

Isaac Souza de Miranda Junior (2026): Ph.D. student at Universidade Federal de Sao Carlos

Gaurav Kamath (2025): Ph.D. student at McGill University

Yu-Yun Chang (2018-2019): Ph.D. student at the National Taiwan University

Sarah Mao (2016-2017): English lecturer at the Changzhou Institute of Technology

Habilitation à Diriger des Recherches (HDR) committee

Marianna Adipianaki, Université Toulouse III, HDR en informatique. November 2022. *Word meaning representation and interpretation in vector space.* (rapporteur).

Ph.D. thesis (co-)advisor

Namrah Zaman, Linguistics, UCLouvain.

Sebastian Loftus, Linguistics, UCLouvain.

Nan-Jiang Jiang, Linguistics, OSU. July 2023. *The Why and How of Label Variation in Natural Language Inference.*

Taylor Mahler, Linguistics, OSU. July 2022. *Social identity information in projection inferences: a case study in social and semantic-pragmatic meaning.*

Ahmad Aljanaideh, Computer Science, OSU (co-advisor). December 2021. *Leveraging Deep Neural Models to Enrich Linguistics and Natural Language Understanding.*

Alexander Erdmann, Linguistics, OSU. August 2020. *Practical morphological modeling: Insights from dialectal Arabic.*

Angélica Aviles Bosques, Linguistics OSU

Willy Cheung, Linguistics, OSU

Ph.D. thesis committee

Elodie Vanzeveren, Linguistics, UCLouvain.

Amaury Fierens, Computer Science, UCLouvain.

Louis Escouflaire, Linguistics, UCLouvain: Summer 2025, *Opinion vs. Information : Combinaison de perspectives linguistiques, humaines et computationnelles pour l'identification des marqueurs d'opinion et d'information dans le discours de presse en français.*

Thomas William, Linguistics, The Ohio State University: Summer 2025, *The (Social) Meaning of English Additive Expressions.*

David Kletz, Sciences du langage, Sorbonne-Nouvelle/Université de Paris-Cité: Spring 2025, *Négation et Modèles de Langue Pré-entraînés* (rapporteur).

Junfei Hu, Linguistics, UCLouvain: Autumn 2024, *Alignment and prediction at the discourse level: From conversational units to discourse management.*

Chantal van Son, Vrije Universiteit Amsterdam: Spring 2024 and defense in 2025, *Representative Resources for Perspective-Aware Natural Language Inference.*

Chunxiao Yan, Sciences du langage, Université de Paris Nanterre: Autumn 2021, *Complexité Syntaxique et Flux de Dépendance: Études quantitatives dans les treebanks Universal Dependencies.*

Yu-Yun Chang, Linguistics, National Taiwan University: Summer 2019, *Event Veridicality in Chinese.*

Jefferson Barlew, Linguistics, The Ohio State University: Spring 2017, *The semantics and pragmatics of perspectival expressions in English and Bulu: The case of deictic motion verbs.*

Natalia Silveira, Linguistics, Stanford University: Summer 2016, *Empirical Foundations of Syntactic Representation Design for Natural Language Processing.*

Chaitanya Shivade, Computer Science, The Ohio State University: Spring 2016, *Textual Inference for Clinical Trial Screening.*

Candidacy exam committee member/chair

Ash Lewis, Linguistics, OSU: April 2025

Beiduo Chen, Main NLP Lab, LMU Munich: April 2025

Xinpeng Wang, Main NLP Lab, LMU Munich: October 2023

Nan-Jiang Jiang, Linguistics, OSU: December 2022 (chair)

William Thomas, Linguistics, OSU: December 2021

Taylor Mahler, Linguistics, OSU: April 2021 (chair)

Ahmad Aljanaideh, Computer Science, OSU: December 2020

Evan Jaffe, Linguistics, OSU: May 2020

Alexander Erdmann, Linguistics, OSU: December 2018

Jefferson Barlew, Linguistics, OSU: Summer 2015

Chaitanya Shivade, Computer Science, OSU: Spring 2015

Joo-Kyung Kim, Computer Science, OSU: Spring 2015

Murat Yasavul, Linguistics, OSU: Spring 2014

M.A. thesis advisor

Ru-Yi Zeng, FIAL Master TAL

Jackson Lucken, CSE: Spring 2019, *QED: A Fact Verification and Evidence Support System*

Sandesh Swamy, CSE: Spring 2017, *Forecasting event outcomes from user predictions on Twitter*

Ajda Gokcen, Linguistics: Spring 2016, *A Matter of Debate: Using Dialogue Relation Labels to Augment (Dis)agreement Analysis of Debate Data*

M.A. thesis committee member

Around 5 per academic year at UCLouvain FIAL and EPL.

One time for OSU East Asian Languages (in Spring 2018).

Qualifying Paper (QP) committee member

Angélica Aviles Bosques, QP2: expected Autumn 2023, research on language and identity in beauty pageant

Willy Cheung, QP2: expected Spring 2023, research on cataphora

Ashley Lewis, QP2: expected Spring 2023, research on question answering

Nanjiang Jiang, QP2: Autumn 2022, *Investigating reasons for disagreement in natural language inference*

Angélica Aviles Bosques, QP1: Autumn 2022, *Are emojis scalar?*

Ashley Lewis, QP1: Autumn 2021, *Denoising Paraphrase Pairs Using Cycle Consistency with Meaning Representations*

William Thomas, QP2: Summer 2021, *The social meaning of exclusive "just"*

Nanjiang Jiang, QP1: Spring 2020, *What do natural language inference models know about speaker commitment?*

Willy Cheung, QP1: Summer 2020, *Extending discourse argument agreement detection: Three-way classification and improved gold label generation*

Taylor Mahler, QP2: Autumn 2019, *The Social Component of the Projection Behavior of Clausal Complement Contents*

Nathan Rasmussen, QP2: Autumn 2018, *A Broad-domain Corpus of Scope-annotated Explanatory Text*

Taylor Mahler, QP1: Autumn 2018, *At-issueness and projection*

Alexander Erdmann, QP2: Autumn 2017, *Low Resourced Machine Translation via Morpho-syntactic Modeling: The Case of Dialectal Arabic*

Alexander Erdmann, QP1: Spring 2017, *Optional Deverbalization in Arabic: Implications for Linguistic Division of Labor*

Stephanie Antetomaso, QP1: Autumn 2017, *Acquisition of phonetic categories*

David King, QP1: Spring 2017, *Enhancing PTB Universal Dependencies*

Evan Jaffe, QP2: Summer 2016, *Don't Label Me: Training Word Embeddings with (Some) Syntax*

Lifeng Jin, QP1: Autumn 2015, *Keep it Simple: Evaluation of Word Embeddings Trained on Simple Explanatory Text*

Evan Jaffe, QP1: Autumn 2014, *An Analysis of Working Memory Constraints in a Head-final Language*

Other pre-candidacy graduate student research advising

Sandesh Swamy, Computer Science: Autumn 2016 to Spring 2017

David King, Linguistics: January 2016 to Summer 2016

Chaitanya Shivade, CSE: Autumn 2014 to Summer 2016

Daniel Miles, Linguistics: January 2015 to June 2015

B.A. thesis advisor

Bethany Toma: Spring 2018, *The Semantics and Pragmatics of Right Dislocation: Odd thing, that*

B.A. thesis committee member

Xinliang Frederick Zhang, CSE: Spring 2021, *Towards more Robust Natural Language Understanding*

Elizabeth Lyle, English: Spring 2016, *The Cry of Women: Three Shakespearean Females and Their Speech*

Other undergraduate student research advising

Cory Bargemann & Connor Maguire: Autumn 2019, advisor in Ling4780 Undergraduate Research Seminar (topic: Variability in projection judgments).

Sarah Ewing, Linguistics: Autumn 2018, advisor in Ling4780 Undergraduate Research Seminar (topic: Sentiment analysis).

Matias Grioni, Computer Science: Autumn 2016 – Spring 2018, research assistant for French Universal Dependencies corpus.

Alane Suhr, Computer Science: Autumn 2015 & Spring 2016, research assistant for French Universal Dependencies corpus.

Ajda Gokcen, Linguistics: Autumn 2013, Spring & Summer 2014, research assistant for automatic detection of (dis)agreement project, OSU Undergraduate Education Summer Research Fellowship ($1,250).

Audrey White, Linguistics: Spring 2014, advisor in Ling4780 Undergraduate Research Seminar (topic: Children's acquisition of prepositions).

Anne McAlpine, Linguistics: Spring 2013, advisor in Ling4780 Undergraduate Research Seminar (topic: How pronoun usage differ when talking to a speech recognition system).

Reviewing

Editorial board

Computational Linguistics (2016–2018, 2024–), Linguisticae Investigationes (since 2017), Transactions of the Association for Computational Linguistics (Reviewer 2015–2021, Action Editor 2021–2025), Semantics & Pragmatics (since 2021), Neural Processing Letters (Action Editor since 2024).

Grants

National Science Foundation (CISE Reviewing Panel 2014, 2018, 2020), Linguistics ad-hoc reviewer), American Association for the Advancement of Science.

Journals

Computational Linguistics, Linguistic Issues in Language Technology, Treebanks and Linguistic Theories, Journal of Linguistics, Language Resources and Evaluation, Language and Speech, Linguisticae Investigationes, Transactions of the Association for Computational Linguistics, IEEE Transactions on Audio, Speech and Language Processing.

Conferences (proceedings)

ACL Rolling Review (monthly), Bridges and Gaps between Formal and Computational Linguistics Workshop (BriGap 2025), Workshop on Context and Meaning—Navigating Disagreements in NLP Annotations (CoMeDI, 2025), Langues et Langage à la croisée des Disciplines (2024, 2025), European Symposium on Artificial Neural Networks (2024), 2nd Workshop on Cross-Cultural Considerations in NLP (2024), Joint Workshop on Multiword Expressions and Universal Dependencies (MWE-UD 2024), ESSLI Workshop on Integrating Perspectives on Discourse Annotation, Conférence sur le Traitement Automatique des Langues

Naturelles (TALN 2017, 2019), *SEM Joint Conference on Lexical and Computational Semantics (regularly since 2012), Association for Computational Linguistics (regularly since 2011), Conference on Empirical Methods on Natural Language Processing (regularly since 2008), International Conference on Dependency Linguistics (DepLing, since 2013), Experiments on Linguistic Meaning (2020), SyntaxFest (2019, 2021, 2023, 2025), Linguistic Annotation Workshop (2019, 2020, 2023, 2025), Workshop on NLP and Computational Social Science (2019, 2024), Workshop on Universal Dependencies (2017 – 2021), FEVER workshop (2018, 2019), Extra-Propositional Aspects of Meaning in Computational Linguistics (2016), Workshop on the Semantics and Pragmatics of Dialogue (SemDial 2016), SIGDIAL (2014), Workshop on Multiword Expressions (2014, 2015), Workshop on Cognitive Aspects of Computational Language Learning (2014, 2015), Treebanks and Linguistic Theories (2013, 2017, 2018, 2020, 2021), International Joint Conference on Natural Language Processing (2013), Workshop on Annotation of Modal Meaning in Natural Language (2013), European Association for Computational Linguistics (2013), International Conference on Computational Linguistics (2012, 2014, 2018), TextInfer 2011 Workshop on Textual Inference (2011).

Conferences (abstracts)

Semantics and Linguistic Theory (SALT, 2016), CUNY (2014), Crowdsourcing Technologies for Language and Cognition Studies (LSA Institute, 2011), Child Language Research Forum (2011).

Professional service

2024 – 2026	External member of the Paris Graduate School of Linguistics (Université Paris-Cité).
2025	Co-organizer of the 2nd Workshop on Uncertainty-Aware NLP, co-located with EMNLP.
2024	Senior Area Chair for Coling 2025.
2024	Member of the best paper award committee at EACL 2024.
2024	Co-organizer of the 1st Workshop on Uncertainty-Aware NLP, co-located with EACL.
2023	Member of the Ethical Forum Committee, Fondation Universitaire Stichting.
2022 – 2026	UniDive COST Action "Universality, diversity and idiosyncrasy in language technology", Leader of Working Group 4 "Quantifying and promoting diversity".
2021 – 2022	NAACL 2022 Program co-chair.
2020	Chair of the fourth workshop on Universal Dependencies, co-located with Coling.
2020 – 2021	North American Association for Computational Linguistics Nominating committee.
2020	NACLO local host for OSU.

2019	Mentor for the 2019 NAACL Student Research Workshop.
2019	NACLO local host for OSU.
2018	Chair of the second workshop on Universal Dependencies, co-located with EMNLP.
2018	Coling: Area chair.
2017–2018	Faculty advisor for the 2018 ACL Student Research Workshop.
2017	Chair of the first workshop on Universal Dependencies, co-located with NoDaLiDa.
2016–2020	Board member of the North American Association for Computational Linguistics.
2016	Coling Workshop on Noisy User-generated Text: Named-Entity Recognition in Twitter shared task organization (with Alan Ritter, Benjamin Strauss and Bethany Toma).
2015–2016	ACL: Area chair for Discourse pragmatics.
2014–2015	ACL Workshop on Noisy User-generated Text: Named-Entity Recognition in Twitter shared task organization (with Alan Ritter and Young-Bum Kim).
2009	Child Language Research Forum (CLRF) Organizing Committee.

Department service

2022 –	CENTAL Internal organization of the seminars.
2021–2022	OSU Linguistics Laboratory and Computing Committee. OSU Linguistics Speaker committee (chair in Spring).
2019–2020	Zoom test session for the move to online teaching. OSU Linguistics Graduate Studies Committee. OSU Linguistics Laboratory and Computing Committee (chair).
2018–2019	OSU Linguistics Graduate Studies Committee.
2017–2018	OSU Linguistics Graduate Studies Committee. OSU Linguistics Laboratory and Computing Committee (chair).
2016–2017	OSU Linguistics Graduate Studies Committee. OSU Linguistics Laboratory and Computing Committee (chair).
2015–2016	OSU Linguistics Graduate Studies Committee. OSU Linguistics Laboratory and Computing Committee (chair). OSU Targeted Investment in Excellence ad hoc grant selection committee.
2014–2015	OSU Linguistics Graduate Studies Committee. OSU Linguistics Laboratory and Computing Committee. OSU Targeted Investment in Excellence ad hoc grant selection committee.

2013–2014	OSU Linguistics Graduate Studies Committee. OSU Linguistics Laboratory and Computing Committee.
2010–2011	Stanford Linguistics Department Faculty Search Committee.
2008–2010	Stanford Linguistics Graduate Curriculum Review.
2007–2008	Stanford Linguistics Colloquium Committee.
2006–2007	Stanford Linguistics Department Social Committee. Stanford Linguistics Department Annual QP Fest Organizing Committee.

University service

2024–2027	Président de jury LING.
2024-2025	UCLouvain Groupe de travail du Conseil Rectoral sur l'implémentation d'une IA générative.
2023–2024	UCLouvain Groupe de travail du Conseil Rectoral sur une utilisation responsable de l'IA générative dans l'enseignement et la recherche (served at invitation of the president).
June 2023	Hosting Lea Frermann (University of Melbourne), joint one-week visit with EPL.
2022–2023	UCLouvain Groupe de travail sur l'enseignement du numérique en FIAL (served at invitation of the dean).
2021–2022	OSU ASC Linguistics Senator.
2015–2016	OSU Inter-departmental search committee (served at invitation of the dean).

Outreach

Talk to Institut Saint-Boniface-Parnasse (high school students), Nov. 19 2025.

Hosting a high-school freshman for shadowing, November 2024.

Talk to Lion's Bruges: "Larges modèles de langue: l'IA générative et notre futur", June 6 2024.

Talk to Connaissance & Vie Bruges: "ChatGPT, une des facettes de l'intelligence artificielle", January 9 2024.

Interview with Martin Vanroelen from LN24 for his short sequence on generative AI [link], April 2023,

Participation in the national TV (RTBF) show "QR le débat" on AI, April 5 2023.

Interview on the Belgian-French national public radio (RTBF), "Les éclaireurs", January 29 2022, re-aired January 7 2023.

Interview with Christopher Potts for his podcast [link], November 7 2022.

COSI video on Oscars 2021 predictions (work with Taylor Mahler and Angélica Aviles Bosques).

Mentor for the capstone project of a junior at the Metro Early College High School, Spring 2020.

Talk at Columbus WAW: "What Lies Beneath Sentiment Analysis", February 21 2019.

Talk at OSU Science Cafe: Linguistics and "big data": Learning from each other, October 3 2018.

Hosting high-school freshmen on Shadowing Day, May 2016.

Spoken languages

French	Native
English	Fluent
Dutch	Proficient (Deelcertificaat Nederlands als Vreemde Taal)