

# MAI HA VU

## Curriculum Vitae

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### RESEARCH INTERESTS

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Computational/Mathematical Linguistics, Syntax, Typology

### EMPLOYMENT

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- 2021 – present    **Post-doctoral Research Fellow**  
University of Oslo: Oslo, Norway  
*ImmunoLingo* project (PI: Dag Haug)
- 2019 – 2021      **Hungarian Lexical Linguist**  
Apple Inc.: Cupertino, CA

### EDUCATION

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- 2020              **Ph.D. in Linguistics**, University of Delaware
- Thesis: *A quantifier-based approach to NPI-licensing typology: Empirical and computational investigations* ([pdf](#))
  - Committee: Benjamin Bruening (chair), Jeffrey Heinz, Satoshi Tomioka, Thomas Graf
- 2014              **M.A. in Linguistics**, University of Delaware
- 2013              **B.A. in Psychology** with Honors, Grinnell College

### NON-DEGREE STUDY

- 2015 July        **LSA Summer Institute**  
University of Chicago: Chicago, IL

### JOURNAL ARTICLES

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- 2022              Rahmad Akbar, Habib Bashour, Puneet Rawat, Philippe A. Robert, Eva Smorodina, Tudor-Stefan Cotet, Karine Flem-Karlsen, Robert Frank, Brij Bhushan Mehta, **Mai Ha Vu**, Talip Zengin, Jose Gutierrez-Marcos, Fridtjof Lund-Johansen, Jan Terje Andersen, and Victor Greiff. Progress and challenges for the machine learning-based design of fit-for-purpose monoclonal antibodies. *mAbs*, 14(1):2008790, 2022. doi:[10.1080/19420862.2021.2008790](https://doi.org/10.1080/19420862.2021.2008790)

- 2018 **Mai Ha Vu**, Ashkan Zehfroosh, Kristina Strother-Garcia, Michael Sebok, Jeffrey Heinz, and Herbert G. Tanner. Statistical relational learning with unconventional string models. *Frontiers in Robotics and AI*, 5:76, 2018. ISSN 2296-9144. doi:[10.3389/frobt.2018.00076](https://doi.org/10.3389/frobt.2018.00076)

## PAPER-REVIEWED PROCEEDINGS

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- 2019 **Mai Ha Vu**, Nazila Shafiei, and Thomas Graf. Case assignment in TSL syntax: a case study. *Proceedings of the Society for Computation in Linguistics*, 2(28), 2019. doi:<https://doi.org/10.7275/sywz-xw23>
- 2018 **Mai Ha Vu**. Towards a formal description of NPI-licensing patterns. *Proceedings of the Society for Computation in Linguistics*, 1(17), 2018. doi:[10.7275/R5DF6PDP](https://doi.org/10.7275/R5DF6PDP)

## ABSTRACT-REVIEWED PROCEEDINGS

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- 2019 **Mai Ha Vu** and Karoliina Lohiniva. In situ wh-hell: The view from Hungarian. In Maggie Baird and Jonathan Pesetsky, editors, *NELS 49: Proceedings of the Forty-Ninth Annual Meeting of the North East Linguistic Society: Volume 3*, pages 275 – 284. GLSA, 2019
- 2018 Jinwoo Jo and **Mai Ha Vu**. A syntactic account of morphological causatives in Japanese and Korean. In Mary Shin Kim Shin Fukuda and Mee-Jeong Park, editors, *Proceedings of the 25th Japanese/Korean Linguistics Conference, Poster Papers*. CSLI Publications, 2018
- 2017 Amanda Payne, **Mai Ha Vu**, and Jeffrey Heinz. A formal analysis of correspondence theory. In *Proceedings of the Annual Meetings on Phonology*, volume 4. LSA, 2017. doi:[10.3765/amp.v4i0.3987](https://doi.org/10.3765/amp.v4i0.3987)

## REFEREED TALKS & POSTERS

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- 2022 **Mai Ha Vu** and So Young Lee. Comparing neural-network based language models to human sentence processing: choice of task matters. Poster presentation at Human Sentence Processing, San Diego, CA, March, 2022
- 2019 **Mai Ha Vu**. Quantificational force of Hungarian NPIs: evidence from adverbial scope. Poster presentation at the Linguistic Society of America Annual Meeting, New York City, NY, January, 2019
- Mai Ha Vu**, Nazila Shafiei, and Thomas Graf. Case assignment in TSL syntax: a case study. Poster presentation at the Society of Computation in Linguistics, New York City, NY, January, 2019
- 2018 **Mai Ha Vu** and Karoliina Lohiniva. In situ wh-hell: The view from Hungarian. Poster presentation at the 49th Annual Meeting of the Northeast Linguistic Society, Ithaca, NY, October 5, 2018

**Mai Ha Vu** and Karoliina Lohiniva. In-situ Hungarian wh-hell: evidence against an intervention account. Poster presentation at the 28th Colloquium of Generative Grammar, Tarragona, Spain, May 30, 2018

Jeffrey Heinz, Kristina Strother-Garcia, **Mai Ha Vu**, Hossep Dolatian, and Herbert Tanner. Integrating the sciences of language learning, activity recognition, human-robot interaction, and pediatric rehabilitation. Talk at the Linguistic Society of America Annual Meeting, Showcase: Expanding the Reach of Linguistics: Collaborations with Other Disciplines and Beyond, Salt Lake City, UT, January 6, 2018

**Mai Ha Vu**. Towards a formal description of NPI-licensing patterns. Poster presentation at the Society of Computation in Linguistics, Salt Lake City, UT, January 4, 2018

2017 Jinwoo Jo and **Mai Ha Vu**. A syntactic account of morphological causatives in Japanese and Korean. Poster presentation at the 25th Japanese/Korean Linguistics Conference, Honolulu, HI, October 13, 2017

Jinwoo Jo and **Mai Ha Vu**. Typology of morphological causatives: A syntactic account. Poster presentation at the 19th Seoul International Conference on Generative Grammar, Seoul, Korea, August 9, 2017

**Mai Ha Vu**. Focus negation is constituent negation in Hungarian. Poster presentation at Linguistic Society of America Annual Meeting, Austin, TX, January 6, 2017

2016 Amanda Payne, **Mai Ha Vu**, and Jeffrey Heinz. A formal analysis of Correspondence Theory. Poster presentation at the Annual Meeting of Phonology, Los Angeles, CA, October 22, 2016

**Mai Ha Vu**. Negation in Hungarian. Talk at the Cognitive Science Graduate Student Conference at University of Delaware, Newark, DE, March 4, 2016

2015 Justin Rill and **Mai Ha Vu**. Extreme locality in Balinese complex sentences. Poster presentation at the Linguistic Society of America Annual Meeting, Portland, OR, January 9, 2015

2012 **Mai Ha Vu**, Heather Kubicek, and Janet Gibson. Working memory, age and expertise in Sudoku puzzles. Poster presentation at annual Midwestern Psychological Association, Chicago, IL, 2012 March

## TEACHING EXPERIENCE

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2021 Fall **Instructor**, University of Oslo: Oslo, Norway  
*Formal Language Theory in Linguistics*

2015 Spring – 2018 Fall **Instructor**, University of Delaware: Newark, DE  
*Introduction to Linguistics* (LING 101): 2014 Spring, 2015 Fall.  
*Introduction to Linguistics (Honors)* (LING 101): 2016 Fall.  
*Language, Mind, and Society* (LING 102): 2016 Spring  
*Science of Language* (LING 202): 2016 Winter  
*Language and Gender* (LING/WOMS 222): 2017 Spring  
*Structure of English* (LING 477): 2018 Fall

2013 Fall – 2014 Fall **Teaching Assistant**, University of Delaware: Newark, DE

*Introduction to Linguistics* (LING 101): 2013 Fall, 2014 Fall.

Instructor: Dr. Gabriella Hermon

*Sociolinguistics*: 2014 Spring.

Instructor: Dr. Darrell Larsen

2012–2013

**Hungarian Language Tutor**, Grinnell College: Grinnell, IA

2012 Fall

**Psychology Tutor**, Grinnell College: Grinnell, IA

## GRANTS & FELLOWSHIPS

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2018

**Summer Research Grant**

University of Delaware

2017

**Professional Development Award**

University of Delaware travel grant

**Summer Research Grant**

Department of Linguistics and Cognitive Science, University of Delaware

2016

**Professional Development Award**

University of Delaware travel grant

**Graduate Travel Grant**

Department of Linguistics and Cognitive Science, University of Delaware

**Summer Research Grant**

Department of Linguistics and Cognitive Science, University of Delaware

2015

**Graduate Improvement Grant**

Department of Linguistics and Cognitive Science, University of Delaware

**Graduate Travel Grant**

Department of Linguistics and Cognitive Science, University of Delaware

## OTHER WORK EXPERIENCE

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2013 Spring

**Grader**, Grinnell College: Grinnell, IA

Introduction to Statistics, *Department of Mathematics and Statistics*

Functional Problem Solving, *Department of Computer Science*

## REVIEWING

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Journal

Patterns

## SERVICE

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2017–2018

**Vice President**, Linguistics Association of Delaware

Department of Linguistics and Cognitive Science

University of Delaware: Newark, DE

2016–2018	<b>Graduate student webmaster</b> , Department of Linguistics and Cognitive Science University of Delaware: Newark, DE
2015–2016	<b>Organizer</b> , Syntax and Semantics Lab (SySeL) University of Delaware: Newark, DE
2014–2016	<b>Member</b> , Linguistics Colloquium Series Committee University of Delaware: Newark, DE

## EVENTS ORGANIZED

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2015-2019	<b>Annual <math>\text{\LaTeX}</math>workshop</b> . University of Delaware, Newark, DE. September.
2016	<b>Cognitive Science Graduate Student Conference (CSGSC)</b> (with M. Grigoroglou & K. Strother-Garcia). University of Delaware, Newark, DE. March.
2015	<b>Cognitive Science Graduate Student Conference (CSGSC)</b> (with X. Dinh, H. J. Hwangbo, & K. Strother-Garcia). University of Delaware, Newark, DE. March.

## MEMBERSHIPS

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2012–2019	Student Member, Linguistic Society of America
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## LANGUAGE SKILLS

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**Hungarian** (native), **English** (fluent), **Vietnamese** (heritage speaker), **Balinese** (field work knowledge)

## COMPUTER SKILLS

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OS	Linux, PC
Programming	C, JAVA, Lisp, OCaml, PYTHON, Scheme
Other	$\text{\LaTeX}$ , Microsoft Office, SPSS, Minitab, E-Prime