

# HYEWON JANG

Computational linguist

Last update: February, 2026

 hyewon [dot] jang [at] gu [dot] se

 Website  Google Scholar  GitHub

## Research Interests

---

### Topics - General

Computational linguistics, Artificial intelligence, Experimental linguistics, Psycholinguistics, Pragmatics, Cognitive modeling, Utterance interpretation

### Topics - Specific

Implicit meaning, Contextual effect, Speaker intention, Inference of intended meaning, Sarcasm, Humor, Impoliteness, Indirect communication, Multimodal information, Subjectivity in human linguistic judgment

### Methodologies

Experiment design, Statistical analysis, Large language models, Qualitative analysis, Quantitative analysis

## Education

---

|         |   |
|---------|---|
| 02/2025 | <b>University of Konstanz</b><br>PhD in Computational Linguistics<br><i>Summa cum laude</i>   |
| 08/2021 | <b>University of Konstanz</b><br>MA in Speech and Language Processing<br><i>Very good with distinction - 1.1/1.0</i>                |
| 02/2017 | <b>Seoul National University</b><br>BA in English Education (minor: Hispanic Language and Literature)<br><i>Cum laude - 3.7/4.3</i> |

## PhD dissertation

---

 Computational Sarcasm Detection Examined Through the Lens of Psycholinguistics

## Employment

---

### Academic

|                   |   |                    |
|-------------------|---|--------------------|
| 08/2025 – current | <b>University of Gothenburg (CLASP)</b><br><i>Postdoctoral researcher</i> | Gothenburg, Sweden |
| 10/2021 – 07/2025 | <b>University of Konstanz</b><br><i>Doctoral researcher</i>               | Konstanz, Germany  |

### Non-academic

|                   |   |                  |
|-------------------|---|------------------|
| 10/2020 – 09/2021 | <b>Aon's Assessment Solution, Aon</b><br><i>Intern at Product Development &amp; Global Analytics</i><br>• Interdisciplinary research to improve an AI-based video interview product<br>• Combination of Natural Language Processing (NLP) methods with psychometric approaches on personality measurement<br>• Projects: Data quality improvement (feature inspection), Equal Employment Opportunity Commission (EEOC) handling (addressing bias and ethics), data annotation, inspection of GDPR regulations | Hamburg, Germany |
| 04/2019 - 08/2019 | <b>fTrans</b><br><i>freelance translator</i><br>• English-to-Korean translation of 20+ texts such as contracts, manuals or interview scripts  | Seoul, Korea     |
| 05/2017 – 11/2018 | <b>Jeongsang Language School</b><br><i>ESL teacher</i><br>• English teaching to students ages 9 -15   | Seoul, Korea     |

## Publications

---

### Peer-reviewed publications

|           |   |
|-----------|---|
| To appear |  <b>Contextual factors that trigger sarcasm</b><br><b>Hyewon Jang</b> , Bettina Braun, Diego Frassinelli<br><i>Metaphor and Symbol</i>   |
| 2025      |  <b>A theoretical and experimental investigation of the morpho-syntax of an anti-honorific prefix in Korean</b><br><b>Colin Davis &amp; Hyewon Jang</b><br><i>In The Grammar of Impoliteness. Trends in Linguistics, De Gruyter.</i>                       |
| 2025      |  <b>The Difficult Case of Intended and Perceived Sarcasm: a Challenge for Humans and Large Language Models</b><br><b>Hyewon Jang &amp; Diego Frassinelli</b><br><i>Proceedings of the 16th International Conference on Computational Semantics (IWCS).</i> |

- 2024      **Generalizable sarcasm detection is just around the corner, of course!**  
**Hyewon Jang & Diego Frassinelli**  
*Proceedings of the 2024 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL).*
- 2024      **Context vs. Human Disagreement in Sarcasm Detection**  
**Hyewon Jang, Moritz Jakob & Diego Frassinelli**  
*Proceedings of the 4th Workshop on Figurative Language Processing (FigLang) @ NAACL 2024, Association for Computational Linguistics.*
- 2023      **Figurative Language Processing: A Linguistically Informed Feature Analysis of the Behavior of Language Models and Humans**  
**Hyewon Jang\*, Qi Yu\*, & Diego Frassinelli (\*equal contribution)**  
*Findings of the Association for Computational Linguistics (ACL Findings).*  
[Presented at The 12th Joint Conference on Lexical and Computational Semantics (\*SEM 2023).]
- 2023      **Intended and Perceived Sarcasm Between Close Friends: What Triggers Sarcasm and What Gets Conveyed?**  
**Hyewon Jang, Bettina Braun & Diego Frassinelli**  
*Proceedings of the 45th Annual Conference of the Cognitive Science Society (CogSci).*

## Other publications

- 2025      **LeWiDi-2025 at NLPerspectives: The Third Edition of the Learning with Disagreements Shared Task**  
Elisa Leonardelli, Silvia Casola, Siyao Peng, Giulia Rizzi, Valerio Basile, Elisabetta Fersini, Diego Frassinelli, **Hyewon Jang**, Maja Pavlovic, Barbara Plank, Massimo Poesio  
*In Proceedings of the The 4th Workshop on Perspectivist Approaches to NLP, Suzhou, China (NLPerspectives).*
- 2022      **Lexicon-Based Profiling of Irony and Stereotype Spreaders**  
**Hyewon Jang**  
*Conference and Labs of the Evaluation Forum (CLEF), 2022, Bologna, Italy.*
- 2022      **Capturing Changes in Mood Over Time in Longitudinal Data Using Ensemble Methodologies**  
Ana-Maria Bucur, **Hyewon Jang** & Farhana Ferdousi Liza  
*Workshop on Computational Linguistics and Clinical Psychology (CLPsych) @ North American Association for Computational Linguistics (NAACL 2022), Seattle, USA (online).*

---

## Presentations

### Peer-Reviewed by Abstracts

- 09/2024      Detecting sarcasm using LLMs when sarcasm is way too broad

Hyewon Jang & Diego Frassinelli  
*Architectures and Mechanisms for Language Processing (AMLaP 30), Edinburgh, Scotland.*

- 06/2024 **A type of sarcasm that current theories fail to explain – evidence from sarcasm**  
Hyewon Jang  
*Experiments in Linguistic Meaning 3 (ELM 3), University of Pennsylvania, Philadelphia, USA (online).*
- 09/2023 **What predicts the use of sarcasm?**  
Hyewon Jang, Bettina Braun, Diego Frassinelli  
*7th Figurative Thought and Language Symposium (FTL-7), Genoa, Italy.*
- 09/2023 **What types of situations trigger sarcasm? A language generation study.**  
Hyewon Jang, Bettina Braun, Diego Frassinelli  
*Architectures and Mechanisms for Language Processing (AMLaP 29), San Sebastian, Spain.*
- 07/2023 **What triggers sarcasm between close friends and what role does humor play in it?**  
Hyewon Jang  
*International Society of Humor Studies Conference 2023 (ISHS 2023), Boston University, Boston, USA.*
- 06/2023 **Vulgar verbal morphology in colloquial Korean and beyond**  
Colin Davis, Hyewon Jang  
*The 23rd Biennial Meeting of the International Circle of Korean Linguistics (ICKL 2023), Palacký University Olomouc, Czech Republic.*

## Invited Talks

- 05/2025 **Challenges in sarcasm handling by language models and humans**  
*Centre for Linguistic Theory and Studies in Probability (CLASP), University of Gothenburg, Sweden.*
- 11/2024 **Computational sarcasm detection through the lens of psycholinguistics**  
*Department Colloquium, University of Konstanz, Germany.*
- 04/2024 **Towards well-rounded sarcasm handling by language models**  
*MaiNLP Lab (led by Barbara Plank) @ Ludwig Maximilian University of Munich, Germany.*

## Teaching

---

- 2024 **Current topics and methodologies in computational linguistics**  
Main instructor [Co-teaching with Diego Frassinelli]  
Graduate-level seminar  
*Average student rating: 5/5.*  
University of Konstanz
- 2023 **Corpus Linguistics with Python**  
Main instructor [Co-teaching with Diego Frassinelli]

Graduate-level seminar  
*Average student rating: 4.1/5.*  
University of Konstanz

## Awards and Grants

---

|      |  |
|------|--|
| 2024 | <b>Travel stipend at FigLang 2024</b><br>Stipend for participation at the workshop FigLang 2024 (2,000 USD)<br><i>The U.S. National Science Foundation (NSF)</i>     |
| 2022 | <b>Student grant at CLEF 2022</b><br>Grant for participation at the conference CLEF 2022 (400 EUR)<br><i>Special Interest Group on Information Retrieval (SIGIR)</i> |
| 2022 | <b>The Doctoral Fund</b><br>Funding for participation in academic events (3,200 EUR)<br><i>University of Konstanz</i>  |
| 2022 | <b>VEUK Award 2021</b><br>Award for outstanding performance in MA program<br><i>Alumni association of the University of Konstanz (VEUK e.V)</i>                      |
| 2021 | <b>DAAD Award 2021 (nominated)</b><br><i>German Academic Exchange Service (DAAD)</i>   |

## Service and Leadership

---

### University external

|        |  |
|--------|--|
| 2025 - | <b>Northern European Journal of Language Technology (NEJLT)</b><br><i>Assistant editor</i> |
|--------|--|

### Reviewing

|        |   |
|--------|---|
| Ad-hoc | ACL Rolling Review                                  |
| Ad-hoc | Cognitive Science Society                           |
| 2025   | Language Resources and Evaluation Conference (LREC) |
| 2024   | Language Resources and Evaluation                   |

### University Internal

|             |   |
|-------------|---|
| 2025 – 2026 | <b>CLASP Concluding Conference 2026</b><br>Co-organizer<br>University of Gothenburg   |
| 2025 –      | <b>CLASP steering committee</b><br>Postdoc representative<br>University of Gothenburg |
| 2025 –      | <b>Konstanz Linguistics Conference 2025</b><br>Co-organizer<br>University of Konstanz |
| 2023 – 2024 | <b>Computational Linguistics Reading Group</b>  |

|             |  |
|-------------|--|
|             | Organizer  |
| 2023 – 2024 | University of Konstanz   |
|             | <b>Computational Linguistics Lab</b>                               |
|             | Lab/website manager  |
|             | Lab schedule organization, website maintenance                     |
|             | University of Konstanz   |
| 2022 – 2024 | <b>Konstanz Linguistics Conference 2024</b>                        |
|             | Co-organizer   |
|             | University of Konstanz   |
| 2022 – 2023 | <b>Computational Psycholinguistics and Artificial Intelligence</b> |
|             | Computational linguistics research and discussion group            |
|             | Co-organizer   |
|             | University of Konstanz   |

## Other Education

---

|      |  |
|------|--|
| 2026 | <b>Supervision in Postgraduate Programmes (PIL201)</b><br>University of Gothenburg, Sweden                                   |
| 2023 | <b>Seventh Summer School on Statistical Methods for Linguistics and Psychology (SMLP)</b><br>University of Potsdam, Germany  |
| 2022 | <b>European Summer School in Logic, Language and Information (ESSLLI)</b><br>National University of Ireland, Galway, Ireland |

## Skills

---

|                    |  |
|--------------------|--|
| <b>Python</b>      | transformers, pytorch, sklearn, pandas, numpy, spacy, nltk, stanza, regex, matplotlib, seaborn |
| <b>R</b>           | lme4, lmerTest, ggplot, tidyverse, sjplot  |
| <b>FindingFive</b> | experiment set-up  |
| <b>Prolific</b>    | crowdsourced data collection   |
| <b>HTML</b>        | website creation   |

## Languages

---

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Native</b>                | Korean                              |
| <b>Near-native</b>           | English                             |
| <b>Basic to intermediate</b> | German, Spanish, Norwegian, Swedish |