

KENNETH HANSON

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Education

- 2020–Present **PhD in Linguistics**
Stony Brook University, Stony Brook, NY
- Thesis: The Subregular Complexity of Case and Agreement
 - Expected graduation: Spring 2025
- 2011–2014 **BA in Linguistics**
Michigan State University, East Lansing, MI
- Thesis: The Loss of Bare Singular Noun Phrases in the History of English
 - Additional Major in Japanese. Minor in Computer Science. Cumulative GPA: 4.0.

Publications

Journal Articles

1. **Kenneth Hanson** (under review). “Tier-Based Strict Locality and the Typology of Agreement”. In: *Journal of Language Modeling* (2024). Conditionally accepted for publication.

Paper-Reviewed Conference Proceedings

4. **Kenneth Hanson** (2024). “Tiers, Paths, and Syntactic Locality: The View from Learning”. In: *Proceedings of the Society for Computation in Linguistics 2024*. University of California Irvine, Irvine, CA, June 27–29, 2024.
3. **Kenneth Hanson** (2023). “A TSL Analysis of Japanese Case”. In: *Proceedings of the Society for Computation in Linguistics 2023*. University of Massachusetts Amherst, Amherst, MA, June 15–17, 2023, pp. 15–24.
2. Charles Torres, **Kenneth Hanson**, Thomas Graf, and Connor Mayer (2023). “Modeling island effects with probabilistic tier-based strictly local grammars over trees”. In: *Proceedings of the Society for Computation in Linguistics 2023*. University of Massachusetts Amherst, Amherst, MA, June 15–17, 2023, pp. 155–164.
1. Joyce Y. Chai, Lanbo She, Rui Fang, Spencer Ottarson, Cody Littlely, Changsong Liu, and **Kenneth Hanson** (2014). “Collaborative Effort towards Common Ground in Situated Human-Robot Dialogue”. In: *Proceedings of the 9th ACM/IEEE International Conference on Human-Robot Interaction (HRI 2014)*. Bielefeld, Germany, Mar. 3–6, 2014.

Abstract-Reviewed Conference Proceedings

2. **Kenneth Hanson** (in preparation). “A Tier-Based Model of Syntactic Agreement”. In: *Proceedings of CLS 60*. University of Chicago, Chicago, IL, Apr. 26–28, 2024.
1. **Kenneth Hanson** (2023). “Strict Locality in Syntax”. In: *Proceedings of CLS 59*. University of Chicago, Chicago, IL, Apr. 28–30, 2023.

Other Manuscripts

1. **Kenneth Hanson** (2022). “Regularity vs. Productivity: The Puzzle of the Japanese Verb Paradigm”. Stony Brook University, Stony Brook, NY.

Presentations

Invited Talks

1. **Kenneth Hanson** (2023). *A Computational Perspective on the Typology of Agreement*. Invited talk. NYU Linguistics Brown Bag, New York University, New York, NY, Sept. 29.

Refereed Conference Presentations

11. **Kenneth Hanson** (2024). *Tiers, Paths, and Syntactic Locality: The View from Learning*. Poster presentation. SCiL 2024, University of California Irvine, Irvine, CA, June 27–29.
10. **Kenneth Hanson** (2024). *The computational basis of locality in syntactic agreement*. Oral presentation. Workshop on Myopia in Grammar, Leipzig University, Leipzig, Germany, June 13–14.
9. **Kenneth Hanson** (2024). *A Tier-Based Model of Syntactic Agreement*. Oral presentation. CLS 60, University of Chicago, Chicago, IL, Apr. 26–28.
8. **Kenneth Hanson** (2023). *Case Domains in Japanese*. Oral presentation. SYNC 2023, Stony Brook University, Stony Brook, NY, Dec. 2.
7. **Kenneth Hanson** (2023). *A TSL Analysis of Japanese Case*. Poster presentation. SCiL 2023, University of Massachusetts Amherst, Amherst, MA, June 15–17.
6. Charles Torres, **Kenneth Hanson**, Thomas Graf, and Connor Mayer (2023). *Modeling island effects with probabilistic tier-based strictly local grammars over trees*. Oral presentation. SCiL 2023, University of Massachusetts Amherst, Amherst, MA, June 15–17.
5. **Kenneth Hanson** (2023). *Strict Locality in Syntax*. Oral presentation. CLS 59, University of Chicago, Chicago, IL, Apr. 28–30.
4. **Kenneth Hanson** (2023). *Strict Locality in Syntax*. Oral presentation. SYNC 23, Yale University, New Haven, CT, Mar. 4.
3. **Kenneth Hanson** (2021). *Allomorph selection in the Japanese verb paradigm*. Oral presentation. SYNC 22, online, Dec. 4. Hosted by CUNY, New York, NY.
2. **Kenneth Hanson**, Cristina Schmitt, and Alan Munn (2014). *The loss of bare singular arguments and predicates in the history of English*. Poster presentation. 16th Diachronic Generative Syntax Conference (DiGS 16), Research Institute for Linguistics, Hungarian Academy of Sciences, Budapest, Hungary, July 3–5.
1. **Kenneth Hanson**, Cristina Schmitt, and Alan Munn (2014). *The loss of bare singular noun phrases in the history of English*. Oral presentation. Great Lakes Expo for Experimental and Formal Undergraduate Linguistics (GLEEFUL) 2014, Michigan State University, East Lansing, MI, Apr. 12.

Other Presentations

4. **Kenneth Hanson** (2014). *Methods for tracking lexical classes in parsed historical corpora*. Poster presentation. Michigan State Undergraduate Linguistics Conference (MSULC) 2014, Michigan State University, East Lansing, MI, Apr. 11.
3. **Kenneth Hanson** (2014). *Quantitative methods for the analysis of Classical Japanese poetry*. Oral presentation. Michigan State Undergraduate Linguistics Conference (MSULC) 2014, Michigan State University, East Lansing, MI, Apr. 11.
2. **Kenneth Hanson** (2013). *CorpusExtract: A tool for analyzing syntactically annotated corpora*. Poster presentation. Michigan State Undergraduate Linguistics Conference (MSULC) 2013, Michigan State University, East Lansing, MI, Apr. 5.
1. **Kenneth Hanson** (2012). *Playing a naming game with Darwin: Towards human-robot dialog*. Oral presentation. Summer Undergraduate Research Forum (SURF), Michigan State University, East Lansing, MI, July 24.

Teaching Experience

University Teaching

2023

Instructor

Stony Brook University

- Computational Seminar (LIN 655). Topic: Doing Subregular Linguistics. Co-taught with Thomas Graf. Fall 2023.

- 2020–2023 **Graduate Teaching Assistant**
Stony Brook University
- Syntax (LIN 311). Supervisor: Andrei Antonenko. Spring 2023.
 - English Grammar (LIN 320). Supervisor: Alex Hong-Lun Yeung. Summer 2021.
 - Human Language (LIN 101). Supervisor: Mark Aronoff. Spring 2021.
 - Language and Technology (LIN 120). Supervisor: Kalina Kostyszyn. Fall 2020.
- 2012–2013 **Undergraduate Teaching Assistant**
Michigan State University
- Intro to Programming II (CSE 232). Supervisor: Mark McCullen. Sp. 2012, Fa. 2012, Sp. 2013.

Professional Teaching Experience

- 2014–2018 **Assistant English Teacher**
Japan Exchange and Teaching (JET) Programme
- Taught EFL for grades 1–9 in several Japanese public schools.

Mentoring

- 2024 Mentored three undergraduates in data collection and annotation for research on case patterns.
- 2021–2024 Project mentor for Summer Youth Camp for Computational Linguistics (SYCCL)

Other Experience

- 2021–2024 **Graduate Research Assistant**
Dept. of Linguistics, Stony Brook University
- Developed automatically generated exercises and hybrid format course notes for Mathematical Methods in Linguistics (LIN 539). Supervisor: Thomas Graf.
- 2013 **2013 LSA Summer Linguistic Institute**
University of Michigan, Ann Arbor, MI
- 2012–2014 **Undergraduate Research Assistant**
Language Acquisition Lab, Michigan State University
- Assisted in running experiments. Supervisors: Cristina Schmitt and Alan Munn.
- 2012–2013 **Undergraduate Research Assistant**
Language Interaction and Research (LAIR) Lab, Michigan State University
- Contributed to development of natural language dialog system for a humanoid robot. Managed lab resources and documentation. Supervisor: Joyce Chai.

Outreach and Service

Outreach

- 2021–2024 Instructor for SYCCL (Summer Youth Camp for Computational Linguistics), SBU
- Lead instructor in Summer 2023
 - Assistant instructor in Summer 2021, 2022, 2024
- 2021–2024 Instructor for NACLO Practice Sessions at SBU

Department Service, SBU Linguistics

- Sp. 2024 Student Organizer, Mathematical Linguistics Reading Group
- 2023–2024 Student Representative
- Fa. 2022 Brown Bag Coordinator

Fa. 2021 Skillz Hour Coordinator
Sp. 2020 Assistant Webmaster
2021–2024 Workshop Instructor for Linguistics Skillz Hour

Professional Service

- Journal article reviewer for *Linguistics Vanguard* (2023), *Syntactic Theory and Research* (2024)
- Conference reviewer for SYNC (2023), FASAL (2024)

Other Activities

2011–Present **Author and Webmaster**
JapaneseProfessor.com
2012–2014 **Vice President, Secretary, and Activities Director**
q Undergraduate Association for Linguistics at Michigan State (qUALMS)

Fellowships and Funding

2023, 2024 **Junior Researcher Award**
Institute for Advanced Computational Science, Stony Brook University
• Supplements graduate stipend to NSF level, plus \$4,000 in research funds.
2020–2025 **Graduate Council Fellowship**
Stony Brook University
• Competitive university-wide fellowship. \$50,000 over 5 years.
2012 **Engineering Summer Undergraduate Research Experience (EnSURE)**
MSU College of Engineering
2009 **Mitsui USA/Community Scholarship for YFU Study Abroad in Japan**
Mitsui USA Foundation

Awards and Honors

2023 **SUNY GREAT Award**
Stony Brook University
2022 **Honorable Mention**
NSF Graduate Research Fellowship Program
2014 **Board of Trustees Scholarship Award**
Michigan State University
2014 **Outstanding Senior Achievement Award**
MSU College of Arts and Letters
2014 **Presentation Award**
MSULC, Michigan State University, East Lansing, MI

Skills and Additional Information

- **Languages** – English (native), Japanese (advanced, passed JLPT N2 in Dec. 2013).
- **Programming** – Experienced: Python, C++. Familiar: Java, R, Qt, Tkinter, GNU Make, Git, Bash. Basic knowledge: C, Lua, x86, SPARC.
- **Misc. Computing** – Ubuntu Linux, \LaTeX , Tikz, Pandoc, Wordpress, Inkscape, HTML/CSS, ConTeXt.
- **Music** – Piano (advanced), marimba (advanced), and some composition.