Alan Hezao KE

Assistant Professor of Linguistics
Department of Linguistics, Languages, and Cultures
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Minimalism, Learning, Computational Psycholinguistics (MLC) Lab: https://sites.google.com/view/mlclab

EMPLOYMENT

2020-   Assistant Professor of Linguistics, Michigan State University

RESEARCH INTERESTS

Syntax, syntax-semantics interface and their interaction with sentence processing, language acquisition and computational modeling

EDUCATIONAL BACKGROUND

2013-2019   **Ph.D. in Linguistics**
                Department of Linguistics
                University of Michigan, Ann Arbor (UM)
                Ph.D. dissertation: The syntax, semantics and processing of agreement and binding grammatical illusions
                Committee: Professor Samuel Epstein (Co-chair), Professor Acrisio Pires (Co-chair), Professor Richard Lewis, Associate Professor Jonathan Brennan.

2009-2012   **M.A. Linguistics and Applied Linguistics**
                Center for Studies of Chinese as a Second Language (CSCSL)
                Beijing Language and Culture University (BLCU), Beijing, China
                M.A. thesis: Restrictors of the distributive operator *dou* in adult and child Mandarin

2005-2009   **B.A. Chinese Linguistics and Literature**
                College of Humanities and Communication
                Ningbo University (NBU), Ningbo, China

PAPERS AND PUBLICATIONS

Journal papers

to appear   **Ke, Alan Hezao**. Syntax and semantics of NPs in Chinese possessive topic constructions. *Journal of East Asian Linguistics*.

to appear   **Ke, Alan Hezao**. Can Agree and Labeling be reduced to Minimal Search. *Linguistic Inquiry*. https://doi.org/10.1162/ling_a_00481

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to appear	**Ke, Alan Hezao**. The domain of transfer. *The Cambridge Handbook of Minimalism*. eds. Kleanthes K. Grohmann & Evelina Leivada. Cambridge: Cambridge University Press.
2023	**Ke, Alan Hezao**. Search downward: minimal search-based Agree. *Glossa: a journal of general linguistics* 8(1). https://doi.org/10.16995/glossa.6526.
2022	Chia-Wen Lo, Tzu-Yun Tung, **Alan Hezao Ke**, Jonathan R. Brennan. Hierarchy, not lexical regularity, modulates low-frequency neural synchrony during language comprehension. *Neurobiology of Language*. https://doi.org/10.1162/nol_a_00077.
2022	**Ke, Alan Hezao** & Acrisio Pires. Local versus long-distance bound implicit arguments of inalienable relational nouns in Chinese. *Journal of Linguistics*. 1–37. https://doi.org/10.1017/S0022226721000190.
2020	**Ke, Alan Hezao** & Liqun Gao. Domain restriction in child Mandarin: implications for quantifier spreading. *Linguistics: An Interdisciplinary Journal of the Language Sciences.* 58(6): 1839–1875. https://doi.org/10.1515/ling-2020-0246.
2019	**Ke, Alan Hezao**, Zhao, Ya, Gao, Liqun, Shuying Liu & Acrisio Pires. On the Implicit Anaphoric Argument of Relational Nouns in Mandarin Chinese. *Journal of Psycholinguistic Research* 48, 819–842. https://doi.org/10.1007/s10936-019-09633-2.
2019	**Ke, Alan Hezao**. Exploring the Immediate Constituent Analysis of Person-denoting Complex NPs (in Chinese). *Yuyan Kexue* [*Linguistic Sciences*]. 18 (1): 27-39. Reprinted in Yuyanxue [Linguistics], *Zhongguo Renmin Daxue Shubao Ziliao Zhongxin* [*Renda Information Center for Social Sciences*], 2019(8): 25–36.
2018	**Ke, Alan Hezao**, Samuel Epstein, Richard Lewis & Acrisio Pires. The quantificational domain of *dou*: An experimental study. *Journal of Psycholinguistic Research* 47(3): 537–556. https://doi.org/10.1007/s10936-017-9532-9.

Proceedings papers

2018	**Ke, Alan Hezao** & Acrisio Pires. Covert reflexive argument in inalienable relational nouns. *Proceedings of the Linguistic Society of America*. http://dx.doi.org/10.3765/plsa.v3i1.4334.
2018	**Ke, Alan Hezao** & Acrisio Pires. Inalienable Relational Nouns and Logophors. *Proceedings of 20th Seoul International Conference on Generative Grammar (SICOGG)*.
2016	**Ke, Alan Hezao**, Samuel Epstein, Richard Lewis & Acrisio Pires. Syntactic Constraints on Quantifier Domains: An Experimental Study of the quantifier *dou* in Mandarin Chinese. *Penn Working Papers in Linguistics 40.*

Manuscripts

in review	**Ke, Alan Hezao**. Null objects, topic, and the availability of the sloppy reading.
in review	**Ke, Alan Hezao**. Null objects, topic, and the (un)availability of the quantity reading.
in review	**Ke, Alan Hezao,** Andrew McInnerney & Yushi Sugimoto. Lack of c-command in coordinate structures: Evidence from binding.
manuscript	**Ke, Alan Hezao**. Jingying Xu & Lijun Ding. The clustering approach to parameter setting: Sitting between grammar selection and direct parameter setting.

REFEREED CONFERENCE PRESENTATIONS

Alan Hezao KE

2023   Ke, Alan Hezao. Null object, topic, and the availability of the quantity reading. *The 59th Chicago Linguistic Society conference (CLS 59)*. University of Chicago.

2022   **Ke, Alan Hezao,** Andrew McInnerney & Yushi Sugimoto. Lack of c-command in coordinate structures: Evidence from binding. *Generative Linguistics in the Old World (GLOW 45)*. Queen Mary University of London, UK.

2019   Lo, Chia-Wen, Tzu-Yun Tung, **Alan Hezao Ke** & Jonathan R. Brennan. Cortical tracking of Mandarin structures. *The 11th Annual Meeting of the Society for the Neurobiology of Language*. Helsinki, Finland.

2019   **Ke, Alan Hezao** & Ezra Keshet. The interpretability of φ-features on bound pronouns. *GLOW in Asia 12 & SICOGG 21*. (unable to attend due to a conflict with PhD dissertation defense)

2019   **Ke, Alan Hezao**. Search downward: A direct agree analysis of complementizer agreement in Lubukusu. *GLOW in Asia 12 & SICOGG 21*. (unable to attend due to a conflict with PhD dissertation defense)

2019   **Ke, Alan Hezao**. On Minimal Search. *Generative Linguistics in the Old World (GLOW 42)*. University of Oslo, Norway.

2019   **Ke, Alan Hezao** & Acrisio Pires. Inalienable Relational Nouns and Logophors. *Linguistic Society of America (LSA) 2019 Annual Meeting*, New York, NY.

2018   **Ke, Alan Hezao** & Acrisio Pires. Inalienable Relational Nouns and Logophors. *20th Seoul International Conference on Generative Grammar (SICOGG)*. Dongguk University, Korea.

2018   **Ke, Alan Hezao** & Acrisio Pires. Covert Reflexive Argument in Relational Nouns. *Linguistic Society of America (LSA) 2018 Annual Meeting*, Salt Lake City.

2016   **Ke, Alan Hezao**, Samuel Epstein, Richard Lewis & Acrisio Pires. Syntactic Constraints on Quantifier Domains: An Experimental Study of the quantifier *dou* in Mandarin Chinese. *Generative Linguistics in the Old World 39 (GLOW 39),* Georg-August-Universität Göttingen, Germany.

2016   **Ke, Alan Hezao**. Full Phase Transfer. *Penn Linguistics Conference 40*. University of Pennsylvania.

2016   **Ke, Alan Hezao**, Samuel Epstein, Richard Lewis & Acrisio Pires. Syntactic Constraints on Quantifier Domains: An Experimental Study of the quantifier *dou* in Mandarin Chinese. *Penn Linguistics Conference 40*. University of Pennsylvania.

2014   **Ke, Alan Hezao**. From a Syllable System to a Phoneme System. *19th Mid-Continental Phonetics & Phonology Conference*. University of Wisconsin – Madison, Wisconsin.

2014   **Ke, Alan Hezao**, Ya Zhao, Liqun Gao & Shuying Liu. Null Anaphoric Possessor Arguments of Kinship Nouns and Long-Distance Binding in Mandarin. *Generative Linguistics in the Old World (GLOW) in Asia X*. National Tsinghua University, Taiwan.

2013   **Ke, Alan Hezao** & Gao, Liqun. Domain Restriction in Child Mandarin. *Generative Approaches to Language Acquisition (GALA) 2013*. University of Oldenburg, Germany.

2012   **Ke, Alan Hezao** & Gao, Liqun. Domain Restriction in Child Mandarin. *Generative Linguistics in the Old World (GLOW) in Asia IX*. Mie University, Japan. (accepted as oral presentation, but unable to attend)

2012   **Ke, Alan Hezao** & Gao, Liqun. Children's Acquisition of Distributivity. *Workshop on*

Language Development in Typical and Atypical Populations. Beijing Language and Culture University, Beijing, China. (Invited speaker with Liqun Gao)

2011   **Ke, Alan Hezao**, Zhao,Ya & Liu, Shuying. Referential Dependence of Relational Nouns in Mandarin: An Experimental Study. *The 5ᵗʰ International Conference on Formal Linguistics. Guangdong University of Foreign Studies*. Guangzhou, China.

2010   **Ke, Alan Hezao** & Gao, Liqun. An Experimental Study on Mandarin Children's Interpretation of the Wh-phrase *shei* 'who'. *Workshop on Acquisition of Scope and Phrase Structure: Comparative Perspectives*. Chinese University of Hong Kong, Hong Kong. (Invited speaker with Liqun Gao)

OTHER TALKS AND PRESENTATIONS

2020   Ke, Alan Hezao. What makes agreement different from binding? *Linguistics & Languages Department Colloquium Talk* at Michigan State University.

2017   **Ke, Alan Hezao**, Samuel Epstein, Richard Lewis & Acrisio Pires. Syntactic Constraints on Quantifier Domains: An Experimental Study of the quantifier *dou* in Mandarin Chinese. *Linguistics Department Student Colloquium* at UM.

2015   Hettiarachchi, Sujeewa, Acrisio Pires, Julie Boland & **Alan Hezao Ke**. On L2 Syntactic Competence and Processing: Evidence from Sinhala/English Bilinguals, *Linguistics Department Colloquium* at UM.

HONORS, FUNDING & AWARDS

2022   The College of Arts and Letters - Undergraduate Research Initiative (CAL-URI) ($1500)

2021   Linguistics program OCCI funds ($919)

2020   2019 ProQuest Distinguished Dissertation Awards-Honorable Mention.

2018-2019   Rackham Predoctoral Fellowship ($32640 in addition to tuition and benefits). Rackham Graduate School.

2018   Humanities Candidacy Research Fellowship ($20400 in addition to tuition and benefits). Rackham Graduate School.

2017   Summer Research Partnerships with Prof. Samuel Epstein and Prof. Richard Lewis ($8000), Linguistics Department

2016   Summer Research Partnerships for research related expense ($2600), Linguistics Department

2016   Summer Research Partnerships with Prof. Samuel Epstein, Prof. Acrisio Pires and Prof. Richard Lewis ($5000), Linguistics Department

2015   Summer Research Partnerships with Prof. Samuel Epstein and Prof. Acrisio Pires ($2800), Linguistics Department

2014   John H. D'Arms Spring/Summer Graduate Fellowship ($6,000), Rackham Graduate School

TEACHING EXPERIENCE

At Michigan State University

Teaching as a primary instructor:

LIN401 **Introduction to Linguistics** and LIN463 **Introduction to Cognitive Science**

At the University of Michigan, Ann Arbor

Teaching Assistant:

2017 Fall   *Cognitive Science* 200 (Instructor: Prof. Richard Lewis)

2017 Winter   LING 316 *Aspects of Meaning* (Instructor: Prof. Acrisio Pires)

2016 Fall   LING 347/Psych 349 *Talking Minds* (Instructor: Dr. Jonathan Brennan)

2016 Winter   LING 316 *Aspects of Meaning* (Instructor: Dr. Jonathan Brennan)

2015 Fall   LING 209/Psych 242 *Language and Mind* (Instructor: Prof. Samuel Epstein)

2015 Winter   LING 111 *Introduction to Language* (Instructor: Prof. Andries W. Coetzee)

2014 Fall   LING 209/Psych 242 *Language and Mind* (Instructor: Prof. Samuel Epstein)

At North China Electric Power University

Teaching as a primary instructor:

03/2012-06/2012: Teaching Chinese to non-native speakers. Courses: Chinese Reading (intermediate), Chinese Speaking (elementary).

09/2010-01/2011: Teaching Chinese to non-native speakers. Courses: Chinese Speaking (elementary), Chinese Speaking (intermediate).

EXPERIMENTAL SKILLS AND SOFTWARE

Truth Value Judgment Task, Acceptability Judgment Task, Self-paced Reading Task, Mouse Tracking, Eye-tracking, ERP, Corpus linguistics, Speech analysis in Praat (with scripts)

PROGRAMMING SKILLS

R (statistical analysis and modeling), Python (computational modeling, natural language processing), C++, VBA (programming language for Excel and other Office programs), Latex

LAB RESEARCH EXPERIENCE

2013-2014   Research Assistant in Language and Cognitive Architecture Lab at UM.
                    Supervisor: Prof. Richard Lewis

2010-2013   Research Assistant in the project *The emergence of logic in child language* (Discovery Projects, funded by Australian Research Council, in cooperation with Macquarie University and Chinese University of Hong Kong). No. DP1096160.
                    Supervisors: Prof. Stephen Crain, Prof. Liqun Gao

2009-2013   Research Assistant in the project *Children's Acquisition of semantics and logic: a comparative study of Chinese and English* (Funded by China National Foundation of Social Science). No. 09BYY022.
                    Supervisors: Prof. Liqun Gao, Prof. Stephen Crain

2012-2013   Research Assistant in the project *Linguistic knowledge in children with Specific Language Impairment*. Macquarie University Research Fellowship (2012 - 2015), No. MQRF201215. Supervisors: Dr. Peng Zhou, Prof. Liqun Gao

2010-2013   Research assistant in the *Cognitive Science Lab of the Center for Studies of Chinese as a Second Language (CSCSL)* and manager of the *Eye-tracking lab*. *Beijing Language and Culture University*.
Supervisor: Prof. Liqun Gao.

SERVICE

At the University of Michigan, Ann Arbor

2017-2018   Sentence Processing Reading Group, founder and organizer

2017-2018   Graduate Admissions Committee, student member, Department of Linguistics

2016-2017   Colloquium Committee, member, Department of Linguistics

2015-2016   Admission, Recruitment and Diversity Committee, member, Department of Linguistics

2014-2015   Executive Graduate Committee, member, Department of Linguistics

2013-2014   Graduate Linguists at Michigan (GLaM), member, Department of Linguistics

At Beijing Language and Culture University

2010   Volunteer at *GLOW in Asia XIII*.

2010   Member of local committee of the *First International Conference on Acquisition and Cognition of Chinese*

2009-2010   Editorial Board member, *Journal of the Graduate Association of the Center for Studies of Chinese as a Second Language (CSCSL)*

At Ningbo University

2009   Internship editor

2007-2008   Student editor, *School Newspaper*

2005-2006   Associate director of reporters' group of the College of Liberal Arts

PROFESSIONAL AFFILIATION

2015-present   Member, Linguistic Society of America (LSA)

2018-2019   Member, Generative Linguistics in the Old World (GLOW)