

Ryo Maie

Curriculum Vitae

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Office

Address: 41 Kawauchi, Aoba-ku, Sendai, Japan 980-8576
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Department of Linguistics, Tohoku University
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Positions

Year	Appointment
2024 –	Senior Assistant Professor of Linguistics, Department of Theoretical Linguistics, Graduate School of International Cultural Studies, Tohoku University – Cross-appointed at the International Graduate Program in Language Sciences – Cross-appointed at Research Center for Language, Brain, and Cognition – Cross-appointed at Cognitive Neuroscience Application Center
2024 – 2025	Part-time Lecturer, School of Engineering, The University of Tokyo
2023 – 2024	Project Assistant Professor, School of Engineering, The University of Tokyo
2022 – 2023	Senior Academic Specialist, School of Engineering, The University of Tokyo
2022 – 2023	Part-time Lecturer, School of Engineering, The University of Tokyo
2021 – 2022	TA in Second Language Studies program, Michigan State University
2020 – 2021	TA in Japanese program, Michigan State University
2018 – 2020	RA in Second Language Studies program, Michigan State University
2017 – 2018	TA in Language House Program, University of Maryland, College Park
2017 – 2018	RA in Academic Success Center, Kanda University of Int'l Studies
2016 – 2017	RA at Center for Foreign Language, Kanda University of Int'l Studies

Education

Year	Degree	Institution	Advisor
2018 – 2022	Ph.D.	Michigan State University	Aline Godfroid
2016 – 2018	M.A.	University of Maryland, College Park	Robert M. DeKeyser
2014 – 2015	n/a	Dartmouth College	
2018 – 2022	B.A.	Kanda University of International Studies	Siwon Park

Research

Grants and Fellowship

- 2024 **Grant-in-Aid for Scientific Research B (KAKENHI) - Co-PI**
Awarded 14.5 million yen for *Investigating sustainable methods for administering classroom-based speaking assessment to promote learning* from The Japan Society for the Promotion of Science.
(Rie Koizumi [PI], Makoto Fukazawa, Ryo Maie, Aki Tsunemoto, & Yo In'nami)
- 2024 **Grant-in-Aid for Early-Career Scientists (KAKENHI) - PI**
Awarded 3.25 million yen for *Investigating the neurocognitive mechanisms of second language skill acquisition* from The Japan Society for the Promotion of Science.
(Ryo Maie)
- 2022 **NFMLTA-MLJ Dissertation Writing Support Grants - PI**
Awarded 3,000 USD for *Testing the three-stage model of second language skill acquisition* from National Federation of Modern Language Association.
(Ryo Maie)
- 2022 **National Science Foundation, Doctoral Dissertation Improvement Grants - Co-PI**
Awarded 18,686 USD for *Testing the three-stage model of second language skill acquisition* from the National Science Foundation.
(Ryo Maie & Aline Godfroid [PI])

Publication

Refereed Articles

11. 2025 **Research timeline: Automatization in second language learning.**
Language Teaching
(Yuichi Suzuki, Ryo Maie, & Bronson Hui)
10. 2025 **Cumulative testing for L2 vocabulary learning: The impact of retrieval practice and proficiency.**
TESOL Quarterly
(Ryo Maie, Gaia Oikawa, Chen Ying, & Takumi Uchihara)
9. 2025 **Testing the three-stage model of second language skill acquisition.**
Studies in Second Language Acquisition
(Ryo Maie & Aline Godfroid)
8. 2024 **Considerations to promote and accelerate Open Science: A response to Winke.**
Language Testing, 41(4), 892–897.
(Rie Koizumi, Ryo Maie, Akifumi Yanagisawa, & Yo In'nami)
7. 2024 **L1 effects on incidental vocabulary learning through bimodal input: A multisite replication of Malone (2018).**
Studies in Second Language Acquisition, 46(5), 1413–1438.
(The TwiLex Group: Yingzhao Chen, Jianwu Gao, Bronson Hui, Benjamin Kremmel, Ryo Maie, Shuang Ma, Eva Puimège, John Rogers)

6. 2024 **Individual differences in L2 speaker intuitions of phrasal frequency and association strength of multiword sequences.**
Vocabulary and Instruction, 13(1), 1–14.
 (Ryo Maie & Wei Yi)
5. 2024 **Arbitrary choices, arbitrary results: Three cases of multiverse analysis in applied linguistics.**
Research Methods in Applied Linguistics, 3(2), 1–20.
 (Ryo Maie, Masaki Eguchi, & Takumi Uchihara)
4. 2023 **Learning without awareness by academic and nonacademic samples: An individual differences study.**
Language Learning, 73(4), 1087–1126.
 (Kathy Kim, Ryo Maie, Kiyotaka Suga, Zachary Miller, & Bronson Hui)
3. 2023 **Investigating L1 and L2 speaker intuitions of phrasal frequency and association strength of multiword sequences.**
Language Learning, 73(1), 266–300.
 (Wei Yi, Ryo Maie & Kaiwen Man)
2. 2022 **Controlled and automatic processing in the acceptability judgment task: An eye-tracking study.**
Language Learning, 72(1), 158–197.
 (Ryo Maie & Aline Godfroid)
1. 2020 **Conflicting evidence of explicit and implicit knowledge from objective and subjective measures.**
Studies in Second Language Acquisition, 42(2), 359–382.
 (Ryo Maie & Robert M. DeKeyser)

Refereed Book Chapters

3. 2023 **A synthesis of L2 practice research: What is "practice" and how has it been investigated?.**
 In Y. Suzuki (Ed.), *Practice and automatization in second language research: Perspectives from skill acquisition theory and cognitive psychology* (pp. 181–205).
 Routledge.
 (Ryo Maie & Aline Godfroid)
2. 2023 **Implicit/statistical learning and second language outcomes: A Bayesian meta-analysis.**
 In E. Wen, P. Skehan, & R. Sparks (Eds.), *Language aptitude theory and practice* (pp. 412–437). Cambridge University Press.
 (Daniel O. Jackson & Ryo Maie)
1. 2021 **Blustery with an occasional downpour: An analysis of target discourse in textbfmedia weather forecasts.**
 In M. J. Ahmadian & M. H. Long (Eds.), *The Cambridge handbook of task-based language teaching* (pp. 173–187). Cambridge University Press.
 (Ryo Maie & Bradford Salen)

Invited Articles and Contributions

4. 2023 **Open science in English language education research.**
English Education, (6). (Japanese)
(Rie Koizumi & Ryo Maie)
3. 2022 **Testing practice effects in L2 grammar teaching research: A pilot meta-analysis.**
MSU Working Papers, 12, 74–115.
(Ryo Maie)
2. 2020 **Grammar instruction in the midst of COVID-19: Diversifying grammar instruction and activity.**
English Education, (9). (Japanese).
(Yuichi Suzuki, Ryo Maie & Kiyotaka Suga)
1. 2019 **Interview with Nick C. Ellis.**
MSU Working Papers, 10, 1–6.
(Ryo Maie)

Theses and Dissertations

3. 2022 **Testing the three-model of second language skill acquisition.**
(Doctoral Dissertation). Michigan State University
(Committee: Aline Godfroid, Shawn Loewen, Koen Van Gorp, Paula Winke, & Phillip Hamrick)
2. 2018 **Explicit and implicit cognitive aptitudes, L2 outcome measures, and learning of morphosyntax under an incidental condition.**
(Master's Thesis). University of Maryland, College Park
(Committee: Robert M. DeKeyser, Michael H. Long, & Steven J. Ross)
1. 2016 **Automaticity in L2 learning: Theories, findings, and implications.**
(Bachelor's Thesis). Kanda University of International Studies
(Committee: Siwon Park & Yasuko Ito)

Presentations

14. 2025.6 **Adapting and evaluating formative L2 comprehensibility assessment scale.**
Paper presented at Language Testing Research Colloquium 2025.
(Aki Tsunemoto, Rie Koizumi, Makoto Fukazawa, Yo In'nami, Ryo Maie, & Mariko Abe)
13. 2025.6 **Cumulative testing for vocabulary learning: The role of retrieval practice and proficiency.**
Paper presented at Vocab@Maryland.
(Ryo Maie, Gaia Oikawa, Chen Ying, & Takumi Uchihara)

12. 2023.8 **Individual differences in L2 intuitions of phrasal frequency and association strength.**
Paper presented at 2023 Vocabulary SIG Symposium (JALT).
(Ryo Maie & Wei Yi)
11. 2023.6 **Testing the three-stage model of L2 skill acquisition.**
Paper presented at the 32nd Conference of the European Second Language Association.
(Ryo Maie & Aline Godfroid)
10. 2023.3 **L1 effects on incidental vocabulary learning through bimodal input: A multisite replication of Malone (2018).**
Paper presented at the American Association for Applied Linguistics.
(Benjamin Kremmel, Yingzhao Chen, Jianwu Gao, Bronson Hui, Shuang Ma, Ryo Maie, Eva Puimège, & John Rogers)
9. 2022.3 **Revisiting learning without awareness with academic and non-academic samples: An individual differences study.**
Paper presented at the American Association for Applied Linguistics.
(Kathy Kim, Ryo Maie, Kiyotaka Suga, Zachary Miller, & Bronson Hui)
8. 2021.3 **Arbitrary choices, arbitrary results: A multiverse analysis of L2 reaction time data.**
Paper presented at the American Association for Applied Linguistics.
(Ryo Maie)
7. 2020.11 **Testing skill acquisition stages in language learning: A case of vocabulary learning and practice.**
Invited to the PhD student workshop in the ESRC-JSLARF Symposium.
(Ryo Maie)
6. 2020.9 **Investigating the relationship between TOEFL scores and international students' academic success: A meta-analysis.**
Paper presented at the Second Language Research Forum 2020.
(Ryo Maie & Wen Yue Ma)
5. 2020.3 **Eyeing acceptability judgment task: Automaticity moderates different L2 knowledge and processing.**
Paper accepted for the American Association for Applied Linguistics.
(Ryo Maie)
4. 2019.9 **Does automaticity moderate different types of L2 knowledge use in grammaticality judgments? An eye-tracking study.**
Paper presented at the Second Language Research Forum 2019.
(Ryo Maie)
3. 2019.3 **Demystifying the complexity of individual differences under incidental conditions: A conceptual replication and extension.**
Paper presented at the American Association for Applied Linguistics.
(Ryo Maie)
2. 2018.9 **Beyond boundaries: Combining methodological approaches to research on acquisition of explicit and implicit knowledge under an incidental condition.**
Paper presented at the Second Language Research Forum 2018.
(Ryo Maie)

1. 2018.3 **Task-based analysis of target discourse in media weather forecasts.**
 Paper presented at the TESOL 2018 International Convention & English Language Expo.
 (Ryo Maie & Bradford Salen)

Research Skills

Software and programming

R(studio), Stan (rstan), DMDX, Gorilla, EyeLink (Experiment Builder), DMDX

Statistical Analysis

Generalized linear (mixed) models, multilevel modeling, exploratory/confirmatory factor analysis, structural equation modeling, discriminant/survival analysis, Bayesian data analysis, & meta-analysis

Awards

3. 2023 Finalist for **Dissertation Award:** American Association for Applied Linguistics
 Shorted list for the last three candidates for the best dissertation within five years
 (Ryo Maie)
2. 2022 **Dean's Award:** The University of Tokyo
 Awarded from the Dean of the School of Engineering at the University of Tokyo
 for significant contributions to education of graduate and undergraduate students
 in School of Engineering at the University of Tokyo. (Division of Global Education,
 Institute for Innovation in International Engineering Education)
1. 2021 **Graduate Student Award:** American Association for Applied Linguistics
Education Testing Award for the study *Arbitrary choices, arbitrary*
 textitresults: A multiverse analysis of L2 reaction time data

Teaching and Supervision

Courses Taught

Michigan State University

Methods of TESOL (UGR)
Elementary Japanese I (UGR)
Elementary Japanese II (UGR)

The University of Tokyo

Advanced Academic Writing (GR)
Advanced Academic Presentation (GR)
Visualizing Japan in the Modern World (UGR/GR)
Workshop towards Communicating Engineers (UGR)

Tohoku University

English I-A & II-A (UGR)
Quantitative Analysis in Language Research (GR)
Task-Based Language Teaching (GR)
Cognitive Science of Language (GR)

UGR = Undergraduate, GR = Graduate

Supervision

Ph.D Students

Year	Name	Title
2024 –	Fang Sun	Exploring the effective extracurricular support for developing second language writing skills

M.A. Students

Year	Name	Title
2025 –	Juni Kabe	TBD
2024 –	Xiongfei Wang	Effects of talker variability on second language vocabulary learning in classroom

As Sub-Supervisor

- Ph.D. students ($n = 2$)
- M.A. students ($n = 5$)
- Served on 2 Ph.D. and 4 M.A. committees

Professional Services and Affiliations

Refereeing

Journal Article

The Language Assessment Quarterly
Language Learning
Language Learning & Technology
PLOS ONE
Language Teaching
TESOL Quarterly
Studies in Second Language Acquisition
Journal of Socio-Informatics

Conference Abstract

American Association for Applied Linguistics
EuroSLA
Second Language Research Forum
TESOL International Convention & Expo

Professional Reference List

Dr. Aline Godfroid

Professor of Second Language Studies
Michigan State University
Email: [godfroid\[at\]msu.edu](mailto:godfroid[at]msu.edu)
Web: <https://sls.msu.edu/aline-godfroid/>

Dr. Robert M. De Keyser

Professor Emeritus of Second Language Acquisition
University of Maryland, College Park
Email: [rdk\[at\]umd.edu](mailto:rdk[at]umd.edu)
Web: <https://slc.umd.edu/directory/robert-dekeyser>

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