

Chihiro Taguchi

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Education

College of Engineering,

The University of Notre Dame

PhD in Computer Science and Engineering.

IN, United States

Aug 2022 – Jul 2027

School of Philosophy, Psychology and Language Sciences,

The University of Edinburgh

MSc by Research in Linguistics with Distinction.

Edinburgh, United Kingdom

Sep 2021 – Aug 2022

Division of Information Science,

Nara Institute of Science and Technology

MA in Engineering.

Nara, Japan

Oct 2020 – Sep 2022

School of Oriental and African Studies,

The University of London

Exchange Student in Linguistics.

London, United Kingdom

Sep 2018 – Jun 2019

Department of Political Science, Faculty of Law,

Keio University

Bachelor of Laws (LL.B.).

Tokyo, Japan

Apr 2015 – Sep 2019

Training

Linguistic Society of America (LSA) Institute.

University of Massachusetts, Amherst, MA, United States.

Jun – Jul 2023

Summer School in Languages and Linguistics.

Leiden University, Netherlands.

Jul 2022

Advanced Core Training in Linguistics (ACTL) Summer School.

University of York, United Kingdom.

Jun 2022

Summer Intensive Language Program (Jinghpaw).

Tokyo University of Foreign Studies (TUFS), Japan.

Aug – Sep 2019

Lithuanian Language Summer Course.

Vilnius University, Lithuania.

Jul 2019

Summer Intensive Language Program (Mee/Ekagi).

Tokyo University of Foreign Studies (TUFS), Japan.

Aug – Sep 2018

Summer School in Languages and Linguistics.

Leiden University, Netherlands.

Jul 2018

3rd Miyako Language Documentation Training Workshop. Feb 2018
Ikemajima Island, Okinawa, Japan.

Summer School in Languages and Linguistics. Jul 2017
Leiden University, Netherlands.

Armenian Language Summer School. Jul – Aug 2016
ARMACAD, Armenia.

Summer Intensive Language Program (Palestinian Arabic). Aug – Sep 2015
Tokyo University of Foreign Studies (TUFS), Japan.

Summer Intensive Language Program (Chaga-Rombo). Aug – Sep 2014
Tokyo University of Foreign Studies (TUFS), Japan.

Summer Intensive Language Program (Eastern Armenian). Aug – Sep 2013
Tokyo University of Foreign Studies (TUFS), Japan.

Experience **Research Intern.** Apr 2021
Pluszero Co.

Research Assistant Apr 2021 – Sep 2021
National Institute of Informatics, Japan.

Cookpad Online Spring Internship 2021 Mar 2021
Cookpad Inc.

Publications **Chihiro Taguchi**, Yusuke Sakai, Parisa Haghani, David Chiang. Universal Automatic Phonetic Transcription into the International Phonetic Alphabet. *INTERSPEECH 2023*, 2023.

Chihiro Taguchi. Grammaticalization of modal nominal predicates in Tatar. *International Conference on Turkic Linguistics*, 2023.

Chihiro Taguchi. Japanese gapless relativization: The syntax–prosody interface to semantics. *LFG23: the 28th International Lexical Functional Grammar Conference*, 2023.

Chihiro Taguchi. Incorporating AI-based speech transcription into language documentation: A case study of Imbabura Kichwa. *LSA Institute*, 2023.

Chihiro Taguchi, So Miyagawa. 形態論情報付き日本語 Universal Dependencies [Japanese Universal Dependencies with morphological information]. 第 29 回言語処理学会年次大会 [*The 29th Annual Meeting of the Association of Natural Language Processing (NLP2023)*], 2023.

So Miyagawa, Hiroshi Kanayama, **Chihiro Taguchi**, Nana Tohyama. 沖縄語の Universal Dependencies ツリーバンクコーパスの構築 [Building a treebank corpus for Okinawan Universal Dependencies]. 第 29 回言語処理学会年次大会 [*The 29th Annual Meeting of the Association of Natural Language Processing (NLP2023)*], 2023.

Chihiro Taguchi, David Chiang. Introducing Morphology in Universal Dependencies Japanese. *The Sixth Workshop on Universal Dependencies (UDW)*, 2023.

Chihiro Taguchi. Mermaid Construction in Lexical Functional Grammar. *Proceedings of the LFG'22 Conference*, 2022.

Chihiro Taguchi. Consistent Grammatical Annotation of Turkic Languages for more universal Universal Dependencies. *Workshop on Computational Linguistics on East Asian languages*, 29th International Conference on Head-Driven Phrase Structure Grammar, 2022.

Chihiro Taguchi. Mermaid Construction in Lexical Functional Grammar. *LFG22: the 27th International Lexical Functional Grammar Conference*, 2022.

Chihiro Taguchi. 名詞述語を伴う繰り上げ構文としての人魚構文 [Mermaid Construction as raising with a nominal predicate]. (in Japanese) *Proceedings of the 164th Conference of the Linguistic Society of Japan*, 2022.

Chihiro Taguchi, Sei Iwata, Taro Watanabe. Universal Dependencies Treebank for Tatar: Incorporating Intra-Word Code-Switching Information. *Workshop on Resources and Technologies for Indigenous, Endangered and Lesser-resourced Languages in Eurasia (EURALI)*, Language Resources and Evaluation Conference (LREC), 2022.

Chihiro Taguchi. Mermaid Construction in Tatar. *Proceedings of the 162nd Conference of the Linguistic Society of Japan*, 2021.

Chihiro Taguchi, Yusuke Sakai, Taro Watanabe. Transliteration for Low-Resource Code-Switching Texts: Building an Automatic Cyrillic-to-Latin Converter for Tatar. *Proceedings of the Fifth Workshop on Computational Approaches to Linguistic Code-Switching*, North American Chapter of the Association for Computational Linguistics, 2021.

Chihiro Taguchi, Taro Watanabe. So-Called “Prepositions” in Somali are Not Prepositions: A Linguistic Approach for Somali POS Tagging. *Proceedings of the Annual Meeting of the Association of Natural Language Processing*, 2021.

Chihiro Taguchi. Raising to Quirky Subject in Tatar. *Proceedings of the 161st Conference of the Linguistic Society of Japan*, 2020.

Chihiro Taguchi. Vowel Harmonies in Kazan Tatar: Element Theoretical Approach. *Proceedings of the 159th Conference of the Linguistic Society of Japan*, 2019.

Chihiro Taguchi. 近現代における言語衰退過程の観察と考察－琉球語宮古池間方言を事例に－ [Observations of the Process of Language Extinction in the Modern Society: A Case Study of the Ikema Dialect of Miyako Ryukyuan] (in Japanese). 政治学研究 [*Studies in Political Science*], 2018. Keio University Press.

Projects

Building a multilingual speech-to-IPA system.

SLT-Code Hackathon, IEEE, 2023.

Universal Dependencies: Tatar NMCTT treebank.

Repository: <https://github.com/UniversalDependencies/UD.Tatar-NMCTT>

Talks

Chihiro Taguchi. Bridging Natural Language Processing and Descriptive Linguistics with Universal Dependencies. Field Linguistics Workshop: Grammatical Studies Workshops 23 “Grammatical Studies and Digital Humanities (2)”, Tokyo University of Foreign Studies, 26 Jul 2023.

Chihiro Taguchi. Cross-linguistic analysis of the Mermaid Constructions in LFG. 33rd South of England LFG Meetings, 29 Oct 2022.

Chihiro Taguchi. Mermaid Construction as raising with a nominal predicate. The 74th Language Lunch At Edinburgh, 8 Mar 2022.

Chihiro Taguchi. Text Processing of Open-Access Jinghpaw Data on Google Colaboratory. Follow-up meeting on Intensive Language Course 2019 (Jinghpaw) / The 3rd meeting on Kachin studies. ILCAA, Tokyo University of Foreign Studies, 16 Oct 2021.

Awards

Conference Travel Grant. Jun 2023
Kellogg Institute for International Studies, University of Notre Dame.

Professionalization Grant. May 2023
Kellogg Institute for International Studies, University of Notre Dame.

Committee’s Honorable Mention (委員特別賞). Mar 2023
The 29th Annual Meeting of the Association for Natural Language Processing.

Conference Presentation Grant. Mar 2023
Graduate Student Govenment, University of Notre Dame.

Summer Language Abroad Grant. Mar 2023
The Center for the Study of Languages and Cultures, University of Notre Dame.

JASSO Scholarship for Graduate-level Study Abroad. Sep 2021 – Aug 2022
Ministry of Education, Culture, Sports, Science and Technology, Japan.

CICP NAIST Multilingual Corpus. Jun 2021 – Mar 2022
Nara Institute of Science and Technology.

Grand Prix Winner, Apr 2019
7th International Olympiad of the Tatar Language and Literature.
Ministry of Education and Science, Republic of Tatarstan, Russia.

Exchange Program Scholarship. Sep 2018 – Jun 2019
Gyomu Super Japan Dream Foundation.

Honorable Mention, Keio University Academic Writing Contest. Nov 2014
Keio University.

Skills

Programming and Softwares

Familiar: Python, R, \LaTeX , HTML/CSS, Git, Praat, ELAN.

Languages

Native:	Japanese
Fluent:	English
Advanced:	Russian, Tatar
Intermediate:	French, German, Korean, Mandarin Chinese, Spanish
Beginner:	Kichwa, Japanese Sign Language, American Sign Language

Affiliations

Kellogg Institute Doctoral Student Affiliate
Linguistic Society of America
言語処理学会 [Association for Natural Language Processing]
日本言語学会 [Linguistic Society of Japan]