

JOYCE, Terry (School of Global Studies, Tama University) Professor
ジョイス・テリー (多摩大学グローバルスタディーズ学部) 教授
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◆研究分野 Research Field(s)

Psychology, psycholinguistics, writing systems

◆研究内容のキーワード Keywords

Visual word recognition, compound words, priming, writing systems typology

◆最終学歴 Highest Degree Obtained

PhD, Institute of Psychology, University of Tsukuba, Japan, 2002

◆所属学会 Academic Society Membership

Association for Written Language and Literacy, Japanese Cognitive Science Society, Japanese Cognitive Neuropsychology Society, Japanese Psychological Association, Japanese Society for Cognitive Psychology, Society for the Scientific Study of Reading

◆主な著書・論文など Main Works (e.g. books, articles, presentations)

・ Joyce, Terry, & Meletis, Dimitrios. (coauthored oral presentation). 'Evolution' of writing systems in terms of typological and other criteria: Cross-linguistic observations from the German and Japanese writing systems. *The evolution of writing systems: Empirical and cross-linguistic approaches workshop (AG5), 42nd Annual Conference of the German Linguistics Society (DGfS)*, 4-6 March 2020, Universität Hamburg, Germany. 2020.

・ Joyce, Terry, & Crellin, Robert (coauthored article). Writing systems: Past, present (... and future?): Special issue introduction [Special issue: Writing systems: Past, present (... and future?), edited by Terry Joyce & Robert Crellin]. *Written Language and Literacy*, 22(2), 167-178. <https://doi.org/10.1075/wll.00024.joy>. 2019.

・ Joyce, Terry, & Crellin, Robert (Eds.) (guest-editors). Writing systems: Past, present (... and future?) Introduction to the special issue [Special issue]. *Written Language and Literacy*, 22(2). <https://doi.org/10.1075/wll.22.2>. 2019

・ Joyce, Terry, & Masuda, Hisashi. (coauthored article). On the notions of graphematic representation and orthography from the perspective of the Japanese writing system. [Special issue: Writing systems: Past, present (... and future?), edited by Terry Joyce and Robert Crellin]. *Written Language and Literacy*, 22(2), 248-280. <https://doi.org/10.1075/wll.00028.joy>. 2019.

・ Joyce, Terry. (single authored invited seminar presentation). Overviews of the Japanese writing system and constituent-morpheme priming studies of Japanese compound words. *Laboratoire de Psychologie Cognitive, Aix-Marseille Université, Marseille, France*. 22 March 2019.

- Joyce, Terry. (single authored oral presentation). The significance of the partial versus full writing dichotomy for the typology of writing systems. Oral presentation given as the '*Diversity of writing systems: Embracing multiple perspectives*': 12th International Workshop on Written Language and Literacy, 26-28 March, Faculty of Classics, Cambridge University, UK. 2019
- Masuda, Hisashi, & Joyce, Terry. (coauthored poster presentation). A database of three-kanji compound words in Japanese, with particular focus on their morphological structures. "*Diversity of writing systems: Embracing multiple perspectives*": 12th International Workshop on Written Language and Literacy, 26-28 March. Faculty of Classics, Cambridge University, UK. 2019
- Joyce, Terry, & Masuda, Hisashi (coauthored chapter), Introduction to the multi-script Japanese writing system and word processing. In Hye Pae (Ed.), *Writing systems, reading processes, and cross-linguistic influences: Reflections from the Chinese, Japanese and Korean languages* (Bilingual Processing and Acquisition) (pp. 179-199). Amsterdam: John Benjamins. <https://doi.org/10.1075/bpa.7.09joy> 2018.
- Masuda, Hisashi, & Joyce, Terry (coauthored chapter), Constituent-priming investigations of the morphological activation of Japanese compound words. In Hye Pae (Ed.), *Writing systems, reading processes, and cross-linguistic influences: Reflections from the Chinese, Japanese and Korean languages* (Bilingual Processing and Acquisition) (pp. 221-244). Amsterdam: John Benjamins. <https://doi.org/10.1075/bpa.7.11mas> 2018
- Cahill, Lynne, & Joyce, Terry (coauthored article), Orthographic databases and lexicons: Introduction to the special issue. *Written Language and Literacy*, 20(1), 1-5. doi:10.1075/wll.20.1.cah 2017. 2017
- Cahill, Lynne, & Joyce, Terry (Eds.) (guest-edited special issue), Orthographic databases and lexicons. *Written Language and Literacy*, 20(1). <https://doi.org/10.1075/wll.20.1> 2017
- Joyce, Terry, Hodošček, Bor, Masuda, Hisashi (coauthored article), Constructing an ontology and database of Japanese lexical properties: Handling the orthographic complexity of the Japanese writing system. *Written Language and Literacy*. 20(1), 27-51. 2017. doi:10.1075/wll.20.1.03joy 2017
- Joyce, Terry, & Masuda, Hisashi. (coauthored symposium presentation), Japanese: Its multi-script nature and implications for word processing. "AWLL11 Asian writing systems symposium: Proximity and distance. Focusing on the Chinese, Japanese and Korean writing systems" held during the "*Writing systems: Past, present (... and future?)*": 11th International Workshop on Written Language and Literacy, 29-31

August, Nanzan University, Nagoya, Japan. 2017a

• Joyce, Terry, & Masuda, Hisashi. (coauthored oral presentation), From conventional to non-conventional forms of Japanese orthographic representation. *“Writing systems: Past, present (... and future?)”*: 11th International Workshop on Written Language and Literacy, 29-31 August, Nanzan University, Nagoya, Japan. 2017b

• Joyce, Terry (single authored chapter), Writing systems and scripts. In Andrea Rocci & Louis de Saussure (Eds.), *Verbal communication* (Handbooks of Communication Science 3) (pp. 287-308). Berlin/Boston: De Gruyter Mouton. <https://doi.org/10.1515/9783110255478> 2016

• Joyce, Terry, & Masuda, Hisashi. (coauthored oral presentation), Just mixed up or a pretty neat idea? Some reflections on the multi-script nature of the Japanese writing system. *‘Understanding writing systems: From core issues to implications for written language acquisition’*: 10th International Workshop on Written Language and Literacy, 12-13 May, Radboud University, Nijmegen, The Netherlands. 2016

• Joyce, Terry, Masuda, Hisashi, & Hodošček, Bor (coauthored article), Constructing a database of Japanese lexical properties: Outlining its basic framework and initial components. *Tama University School of Global Studies Bulletin*, 8, 35-60. 2016

• Joyce, Terry (single authored article), [Book review: Richard Sproat, (2010), Language, technology and society]. *Written Language and Literacy*, 17(1), 165-167, 2014. doi:10.1075/wll.17.1.08joy. 2014

• Joyce, Terry (invited symposium talk), Constructing an ontology-based lexical database of Japanese lexical properties. *“Contributions of large-scale lexical databases to psycholinguistic research” Symposium of 15th International Conference on the Processing of East Asian Languages*, 24-26 October. Korean University, Seoul, Korea. 2014

• Joyce, Terry, & Hodošček, Bor (coauthored article), Constructing an ontology of Japanese lexical properties: Specifying its property structures and lexical entries. In Michael Zock, Reinhard Rapp, & Chu-Ren Huang (Eds.), *Proceedings of the 4th Workshop on Cognitive Aspects of the Lexicon (CogALex4)* (pp. 174-185). 23 August. Dublin, Ireland. 2014

• Joyce, Terry, Masuda, Hisashi, & Ogawa, Taeko (coauthored article), Jōyō kanji as core building blocks of the Japanese writing system: Some observations from database construction. *Written Language and Literacy*, 17(2), 173-194. doi 10.1075/wll.17.2.01joy 2014

• Borgwaldt, Susanne R., & Joyce, Terry (Eds.) (edited book), *Typology of writing systems* (Benjamins Current Topics 51). Amsterdam: John Benjamins.

<https://doi.org/10.1075/bct.51.2013>

• Joyce, Terry (single authored article), The significance of the morphographic principle for the classification of writing systems. In Susanne R. Borgwaldt & Terry Joyce (Eds.), *Typology of writing systems* (Benjamins Current Topics 51) (pp. 61-84). Amsterdam: John Benjamins. <https://doi.org/10.1075/bct.51.04joy.2013>

• Joyce, Terry (invited lecture presentation), Constituent-morpheme priming data and Japanese lemma-unit model. *Korean Lexicon Project, Korea Univerity, Seoul, Korea*. 22 March. 2013

• Joyce, Terry (invited lecture presentation), Japanese Word Association Database (JWAD): Some thoughts from construction and initial explorations of applications. *Korean Lexicon Project, Korea Univerity, Seoul, Korea*. 23 March. 2013

• Joyce, Terry, & Borgwaldt, Susanne R. (coauthored chapter), Typology of writing systems: Introduction. In Susanne R. Borgwaldt & Terry Joyce (Eds.), *Typology of writing systems* (Benjamins Current Topics 51) (pp. 1-11). Amsterdam: John Benjamins. <https://doi.org/10.1075/bct.51.01joy.2013>

• Joyce, Terry (single authored chapter), Some reflections on the relevance of word association data for vocabulary research. In M. Kamada, H. Cao, Takashi Utashiro, & T. Muraoka (Eds.) *Nihongo gakushū shien no kochiku: Gengo kyoiku – Kopasu – Shisutemu kaihatsu* [Architecture of Japanese language learning assistance: Language education, corpus, and system] (Festschrift for Prof. Kikuko Nishina on the occasion of her retirement). (pp. 139-156). Tokyo: Bonjinsha. 2012

• Joyce, Terry, Hodošček, Bor, & Nishina, Kikuko. (coauthored article), Orthographic representation and variation within the Japanese writing system: Some corpus-based observations. *Written Language and Literacy*, 15(2), 254-278. <https://doi.org/10.1075/wll.17.2.01joy.2012>

• Joyce, Terry & Roberts, David (Eds.) (guest-edited special issue), Units of language – units of writing [Special issue]. *Written Language and Literacy*, 15(2). <https://doi.org/10.1075/wll.15.2.2012>

• Roberts, David, & Joyce, Terry (coauthored article), Introduction to special issue on 'Units of Language – Units of Writing': A key relationship for writing systems research. *Written Language and Literacy*, 15(2), 147-152, <https://doi.org/10.1075/wll.15.2.01rob.2012>

• Borgwaldt, Susanne R., & Joyce, Terry (Eds.). (guest-edited special issue), Typology of writing systems [Special issue]. *Written Language & Literacy*, 14(1). <https://doi.org/10.1075/wll.14.1.2011>

• Joyce, Terry (single authored article), The significance of the morphographic principle

for the classification of writing-systems. *Written Language and Literacy*, 14(1), 58-81.
<https://doi.org/10.1075/wll.14.1.04joy> 2011

• Joyce, Terry (invited single authored talk). A series of priming studies on two-kanji compound words within the Japanese mental lexicon. Invited presentation at *Department of Psychology, Yeungnam University, Korea*, 8, September. 2011

• Joyce, Terry & Borgwaldt, Susanne R. (coauthored article), Typology of writing systems: Special issue introduction. *Written Language and Literacy*, 14(1), 1-11.
<https://doi.org/10.1075/wll.14.1.01joy>. 2011

• Joyce, Terry (invited single authored talk), Japanese words: Some observations from constructing the Japanese Word Association Database. Invited presentation given at *Workshop of the “Anthropological Universals – Cultural Differences: Comparative research on differences in processing alphabetic words and Japanese Kanji” Interdisciplinary Research Project*, 22 – 23 July, RWTH Aachen, Germany. 2010

• Joyce, Terry (single authored article), Tentative analysis of Japanese writing errors observed within responses collected for a word association survey. *Tama University School of Global Studies Bulletin* (Founding issue), 57-69. 2009

• Joyce, Terry (invited single authored talk), Issues and themes within cognitive research on the Japanese mental lexicon. Invited presentation given at *the First Workshop of the “Anthropological Universals – Cultural Differences: Comparative research on differences in processing alphabetic words and Japanese Kanji” Interdisciplinary Research Project*, 9 – 10 March, RWTH Aachen, Germany. 2009

• Joyce, Terry, & Miyake, Maki (coauthored chapter), Capturing the structures in association knowledge: Application of network analyses to large-scale databases of Japanese word associations. In Antonio Ortega & Takenobu Tokunaga (Eds.). *The 3rd International Conference on Large-scale Knowledge Resources (LKR 2008)*. (Lecture Notes in Computer Science). (pp. 116-131). Berlin: Springer-Verlag. 2008

• Joyce, Terry, & Srdanovic, Irena (coauthored article), Comparing lexical relationships observed within Japanese collocation data and Japanese word association norms. *Cognitive Aspects of the Lexicon (CogALex-08) Workshop at the 22nd International Conference on Computational Linguistics*, 18-22 August, 2008. Manchester, England. 2008

• Miyake, Maki, & Joyce, Terry. (coauthored chapter), Analysis of the semantic network structure of Japanese word associations: An investigation of clustering granularity with two extracted sub-networks. In Kazuo Shigemasu, Akinori Okada, Tadashi Imaizumi, & Takahiro Hoshino (Eds.). *New Trends in Psychometrics*. (Frontiers Science Series 55). (pp. 273-280). Tokyo: Universal Academy Press. 2008

- Joyce, Terry (single authored oral presentation), Mapping word knowledge in Japanese: Coding Japanese word associations. *Symposium on Large-Scale Knowledge Resources (LKR2007)*, pp. 233-238, 1-3 March, Tokyo Institute of Technology, Tokyo, Japan. 2007
- Miyake, Maki, Joyce, Terry, Jung, Jaeyoung, & Akama, Hiroyuki (coauthored article), Hierarchical structure in semantic networks of Japanese word associations. *21st Annual Meeting of the Pacific Asia Conference on Language, Information and Computation (PACLIC21)*. 1-3 November, Seoul National University, Seoul, Korea. 2007
- Joyce, Terry (single authored oral presentation), Mapping word knowledge in Japanese: Constructing and utilizing a large-scale database of Japanese word associations. *International Symposium on Large-Scale Knowledge Resources (LKR2006)*, 1-3 March, Tokyo Institute of Technology, Tokyo, Japan, 155-158. 2006
- Joyce, Terry. (single authored chapter), Constructing a large-scale database of Japanese word associations. In Katsuo Tamaoka, (Ed.). *Corpus Studies on Japanese Kanji*. (Glottometrics 10). pp. 82-98. Hituzi Syobo: Tokyo, Japan and RAM-Verlag: Lüdenschied, Germany. 2005
- Joyce, Terry (single authored chapter), Lexical association network maps for basic Japanese vocabulary. In Vincent B. Y. Ooi, Annie Pakir, Ismail Talib, Lynn Tan, Peter K. W. Tan, & Ying Ying Tan, (Eds.). *Words in Asia cultural contexts*. (Proceedings of the 4th Asialex conference, 1-3 June 2005). (pp. 114-120). Singapore: Department of English Language and Literature, Faculty of Arts and Social Sciences, & Asia Research Institute, National University of Singapore. 2005
- Joyce, Terry (Invited single authored talk), Two-kanji compound words in the Japanese mental lexicon. given at the *The 6th International Forum on Language, Brain, and Cognition (Cognitive Psychology of East Asian Languages: Cognitive Studies and their Application to Second Language Acquisition)*, 3-4 December, Strategic Research and Education Center for an Integrated Approach to Language, Brain and Cognition, Tohoku University, Sendai, Japan. 2005
- Joyce, Terry (single authored oral presentation), Mapping word knowledge for basic Japanese vocabulary. *Symposium on Large-Scale Knowledge Resources (LKR2005)*. Tokyo Institute of Technology, Tokyo, Japan. 2005
- Masuda, Hisashi, & Joyce, Terry (coauthored chapter), A database of two-kanji compound words featuring morphological family, morphological structure, and semantic category data. In Katsuo Tamaoka, (Ed.). *Corpus Studies on Japanese Kanji*. (Glottometrics 10). pp. 30-44. Hituzi Syobo: Tokyo, Japan and RAM-Verlag: Lüdenschied, Germany. 2005

- Joyce, Terry (single authored chapter), Modeling the Japanese mental lexicon: Morphological, orthographic and phonological considerations. In Serge P. Shohov (Ed.). *Advances in Psychological Research: Volume 31* (pp. 27-61). Hauppauge, NY: Nova Science. 2004
- Joyce, Terry (single authored article), Constituent-morpheme priming: Implications from the morphology of two-kanji compound words. *Japanese Psychological Research*, 44, 79-90. 2002
- Joyce, Terry. (unpublished doctoral thesis), *The Japanese mental lexicon: The lexical retrieval and representation of two-kanji compound words from a morphological perspective*. Unpublished doctoral thesis. University of Tsukuba, Japan. 2002
- Joyce, Terry, & Ohta, Nobuo (coauthored article), Constituent morpheme frequency data for two-kanji compound words. *Tsukuba Psychological Research*, 24, 111-141. 2002
- Joyce, Terry (unpublished master's thesis). *Lexical access and the mental lexicon for two-kanji compound words: A priming paradigm study*. Unpublished master's thesis. University of Tsukuba, Japan. 1999
- Joyce, Terry, & Ohta, Nobuo (coauthored article), The morphology of two-kanji compound words: Data from a word-formation classification survey. *Tsukuba Psychological Research*, 22, 45-61. 1999

◆その他（受賞・競争的資金獲得・受託研究・社会及び学会における活動など）

Others (e.g. awards, grants, contracted research, service to society/academia)

- President of *Association for Written Language and Literacy*, 2016~present
- Secretary of *Association for Written Language and Literacy*, 2010~2016
- Newsletter editor for *Association for Written Language and Literacy*, 2014~present
- Compiler of the *Online Research Bibliography of Written Language* [<http://faculty-sgs.tama.ac.jp/terry/orbwill.html>], 2005~present
- Associate editor, *Written Language and Literacy*, 2018~present
- Member of editorial board, *Written Language and Literacy*, 2011~2018
- Member of editorial board, *Acta Linguistica Asiatica*, 2011~present
- English language proofreader, *Dokusho Kagaku* [Science of Reading], 2007~present
- English language proofreader, *Ninchi Shinrigaku Kenkyū* [Japanese Journal of Cognitive Psychology], 2004~present
- English language proofreader, *Tsukuba Psychological Research*, 1999~present
- Peer reviewer for *Acta Linguistica Asiatica*, *Behavior Research Methods*, *Japanese Journal of Cognitive Psychology*, *Japanese Language and Literature*, *Written Language & Literacy*, and *Writing Systems Research*
- Main organizer of the *11th International Workshop on Writing Systems and Literacy:*

Writing systems: Past, present (... and future?), Nanzan Uni. Nagoya, 2017

- Member of the program committee for the *Grapholinguistics in the 21st Century conference, 2020, 2019~present*
- Member of the local organizing committee for the *14th International Conference of the Processing of East Asian Languages, Nagoya, Japan, 2009~2012*
- Member of the local organizing committee for the *14th International Conference of the Processing of East Asian Languages, Nagoya, Japan, 2009~2012*
- Member of the programme committee for 'Cognitive aspects of the lexicon: Enhancing the structure and look-up mechanisms of electronic dictionaries' (CogALex) workshop series at International Conference on Computational Linguistics., 2008~2014
- Joint organizer of the *Gengo Ninchi Kenkyū Saikō* series of workshops at the Annual Meetings of the Japanese Psychological Association, 2006~2010
- Member of organizing committee for the *Tsukuba International Conference [TIC] on Memory, 1998-2005*
- Sole recipient of *Graduate Assistantship*, School of East Asian Studies, University of Sheffield, England, 1994-1995
- Sole recipient of *Japanese Ministry of Education Scholarship*, University of Tsukuba, Japan, 1995-2002
- Sole recipient of *Japanese Society for the Promotion of Science Foreign Research Fellowship*, Tokyo University of Foreign Studies, Japan, 2002-2004
- Sole recipient of *Japanese Society for the Promotion of Science, Grants-in-Aid*, Tokyo University of Foreign Studies, Japan, 2002-2004
- Sole recipient of research funding from *Large-scale Knowledge Resources – COE Program*, Tokyo Institute of Technology, Japan, 2004-2007
- Investigator, *Mapping lexical knowledge through the construction and application of a large-scale database of Japanese word associations' Grand-in-Aid for Scientific Research (C)*, 2006-2008
- Co-investigator, *'Construction of a database for the semantic relationships within two-kanji compound words' Grant-in-Aid for Scientific Research (C)* [Principle investigator: Dr. Masuda Hisashi], 2011-2013
- Co-investigator, *'Comparative study of recognition processes of kanji, hangul, and kana words'* Nikokukan Kōryū Jigyō Kyōdō Kenkyū [Principle investigators: Dr. Masuda Hisashi (Hiroshima Shudo Uni, Japan) and Dr. Kwangoh Yi (Yeungnam Uni., Korea)], 2011-2013
- Joint winner of the 2007 21st Pacific Asia Conference on Language, Information and Computation 'Best Paper Award' [Miyake, Joyce, Jaeyoung & Akama (2007)]

