CURRICULUM VITAE

Shigeru Miyagawa

Massachusetts Institute of Technology

DATE: January 2021

DEPARTMENT: Department of Linguistics and Philosophy, MIT
Office of Open Learning, MIT

CITIZENSHIP: United States

EDUCATION

INSTITUTION	DEGREE	DATE
University of Arizona	Ph.D.	1980
University of Arizona	M.A.	1978
International Christian University (Tokyo)	B.A.	1975

TITLE OF DOCTORAL THESIS: Complex Verbs and the Lexicon

FELLOWSHIPS AND HONORS

Finalist for the Japan Prize (NHK sponsored) for Visualizing Japan MITx/H HarvardX MOOC.	2015
60th Anniversary Professor, International Christian University, Tokyo	2013-2015
President's Award for OpenCourseWare Excellence, Board of Directors, Global OpenCourseWare Consortium	2012
MIT Class of 1960 Innovation in Education Award (with John W. Dower)	2004
Named one of twenty national "Shapers of the Future" by the educational technology magazine *Converge*	2002
Distinguished Award, Multimedia Grandprix 2000 (Japan), *StarFestival Network*	2000
Best of Show, for *Star Festival*, MacWorld Exposition, Boston, Massachusetts (presented by the Northeast Mac Conspiracy)	1997
Irwin Sizer Award, For the Most Significant Improvement to MIT Education	1995
The Arts and Sciences Award, For Outstanding Achievement in the Field of Education, Ohio State University	1984
National Institute of Mental Health, Individual National Research Service Award (used for postdoctoral study in linguistics at MIT)	1982-83
Postdoctoral Fellow in Linguistics, Massachusetts Institute of Technology	1982-83

PROFESSIONAL EXPERIENCE

Academic Positions

Massachusetts Institute of Technology
Professor of Linguistics	1991-present
Kochi Prefecture-John Manjiro Professor of Japanese Language and Culture	1995-present
Senior Associate Dean for Open Learning	2018 - present

University of Tokyo (jointly appointed with MIT)	February 2014
Project Professor and Director of Online Education	- Feb 2019

Ohio State University
Associate Professor of Japanese	1987-91
Assistant Professor of Japanese	1980-87

University of Arizona
Visiting Lecturer in Japanese	1979-80
Teaching Assistant in Japanese	1978-79

Nonacademic Positions
Chair, MIT OpenCourseWare Faculty Advisory Committee	2009-2013
Head, Foreign Languages and Literatures, MIT	2009 - 2012
Headmaster, East Campus Dormitory, MIT	1994-1997
Member, Editorial Board, *Glossa*	2013 -
Member, Editorial Board, *Journal of East Asian Linguistics*	1995-present
Member, Associate Editorial Board, *Linguistic Inquiry* (MIT Press)	1993-present
Member, Editorial Board, *Journal of Japanese Linguistics*	1985-present
Associate Editor, *Language*	2000-03
Acting Head, Foreign Languages and Literatures, MIT	1994
Chair, Department of East Asian Languages and Literatures, Ohio State University	1988-91

FIELDS OF INTEREST

Open education
AI and learning
Human language evolution
Syntactic and morphological theories
Visualizing cultures through new media
Application of multimedia technology to learning

American Association for the Advancement of Science
Association of Asian Studies
Association of Teachers of Japanese
Linguistic Society of America

M.I.T. ACTIVITIES AND COMMITTEES

<u>Institute</u>

Chair, MIT OpenCourseWare Faculty Advisory Committee	2009-2014
MIT OpenCourseWare Faculty Advisory Committee	2004-
Faculty Policy Committee	2004-2007
Council on Educational Technology	2004-2007
Faculty Advisory Board for OpenCourseWare	2002-present
Nomination Committee	2001-2004
Life-Long Learning Committee	1999
Campus Committee on Race Relations	1996-1999
Advisory Board for Artists in Residence	1996-1999
Edgerton Selection Committee	1997
Visualization Planning Committee	1996
IBM-MIT Alliance Planning Committee	1995

<u>School</u>

Equal Opportunity Committee	(1996-1999, chair 1998-99)

<u>Section</u>
Various Review Committees for junior faculty, senior lecturers, and lectures.
Varous Search Committees

PUBLICATIONS

Books and Monographs

Syntax in the Treetops. In press. MIT Press, *Linguistic Inquiry* Monograph Series. (publication 2021).

Mouton Handbook of Japanese Linguistics: Syntax. Co-editor with Masayoshi Shibatani, and Hisashi Noda. de Gruyter. November 2017.

Agreement Beyond Phi, MIT Press, *Linguistic Inquiry* Monograph. March 2017. 223 pages.

Case, Argument Structure, and Word Order. Routledge Leading Linguists Series. Routledge. February 2012. 340 pages.

Why Agree? Why Move? Unifying Agreement-based and Discourse-configurational Languages.
Linguistic Inquiry Monograph 54, MIT Press. 2010. 182 pages.

Oxford Handbook of Japanese Linguistics. Oxford University Press. November 2008 (editor, with Mamoru Saito).

Historical Development of the Accusative Case Marking in Japanese as Seen in Classical Literary Texts, special issue of *Journal of Japanese Linguistics*, vol. 19, 105 pp., 2003 (with Fusae Ekida).

Structure and Case Marking in Japanese, Academic Press, 1989. 259 pages.

Studies in Japanese Language Use: Papers in Linguistics Monograph Series, Alberta, Canada, co-edited with Chisato Kitagawa, 1984.

Complex Verbs and the Lexicon, *Coyote Papers*, Vol. I, University of Arizona Linguistics Circle, 1981 (1980 University of Arizona doctoral dissertation).

Articles

"Moving abruptly online: What it was like for faculty and for students," MIT *Faculty Newsletter* November/December 2020, Vol. XXXIII No. 2. With Meghan Perdue.

"A renewed focus on the practice of teaching," *Inside Higher Ed*. November 11, 2020. With Meghan Perdue.

"Inducing and blocking labeling," *Glossa*. (with Danfeng Wu and Masa Koizumi). December 2019.

"Cross-modal information transfer: A hypothesis about the relationship among prehistoric cave paintings, symbolic thinking, and the emergence of language," *Frontiers of Psychology* (with Cora Lesure and Vitor Nóbrega), February 20, 2018.

"Topicalization," *Gengo Kenkyu* (Linguistics Research) **152**: 1–29

 "Numeral quantifiers," In Masayoshi Shibatani, Shigeru Miyagawa and Hisashi Noda, eds., *Mouton Handbook of Japanese Syntax*, de Gruyter. 2017.

"Syntax of ditransitive verbs," *Oxford Research Encyclopedia in Linguistics* (with H. Harley). 2017.

"Integration hypothesis: A parallel model of language development in evolution," *Evolution of the Brain, Cognition, and Emotion in Vertebrates*, edited by Shigeru Watanabe, Michel Hofman and Toru Shimizu, pp. 225-247, Springer. 2017.

"Negative sensitive items in Japanese," *Glossa* (with Nobuaki Nishioka and Hedde Zeijlstra), 2016.

"OpenCourseWare: How it began," *The Bridge*, National Academy of Engineering. In press.

"The precedence of syntax in the rapid emergence of human language in evolution as defined by the integration hypothesis," Front. Psychol. **6**:271. doi: 10.3389. With Vitor Nóbrega. April 2015.

"Perception of Japanese vowel duration contrasts by L1 and L2 learners of Japanese: An EEG study." MIT Working Papers in Linguistics #73 Proceedings of FAJL 7 (Formal Approaches to Japanese Linguistics). pp. 45-55. (with Hisagi, M., Shafer, V. L., Kotek, H., Sugawara, A., and Pantazis, D.) 2014.

"The Integration Hypothesis of human language evolution and its implication for contemporary languages," *Frontiers in Psychology*, with Shiro Ojima, Robert Berwick, Kazuo Okanoya. June 2014.

"A feature-inheritance approach to root phenomena and parametric variation," *Lingua* 145, 276-302 (with Ángel L. Jiménez-Fernández). 2014.

"Strong uniformity and *ga/no* converstion," *English Linguistics* 30:1-24. Journal of the English Society of Japan. 2013.

"Negative dependencies in Japanese," *Proceedings of the 8th Workshop on Altaic Formal Linguistics*. MIT Working Papers in Linguistics. (with Nobuaki Nishioka and Hedde Zeijlstra), pp. 231-244. 2013.

"The emergence of hierarchical structure in human language," *Frontiers in Psychology* 4 (with R. Berwich and K. Okanoya). 4:71. 2013.

"Agreements that occur mainly in the main clause," *Main Clause Phenomena. New Horizons*, by Aelbrecht, Lobke, Liliane Haegeman and Rachel Nye (eds.), pp. 79-111. John Benjamins. 2012.

"Genitive Subjects in Altaic and Specification of Phase," *Lingua*, special volume on nominalization edited by Jaklin Kornfilt and John Whitman. 2011 Vol. 121, pp. 1265-1282.

"Optionality," *The Oxford Handbook of Linguistic Minimalism,* ed. Cedrix Boeckx, Oxford UP. 2011, pp. 354-376.

"Blocking and causatives: Unexpected competition between derivations." *Proceedings of Formal Approaches to Japanese Linguistics 5*, MITWPL. 2010.

"Genitive Subjects in Altaic," 2009. *Proceedings of the 4th Workshop on Altaic Formal Linguistics*. MIT Working Papers in Linguistics, Department of Linguistics and Philosophy, MIT, Cambridge, Mass.

"Meishi-ka to Kou-kouzou (Nominalization and argument structure)," Festrischft for Taro Kageyama, Kurosio Publications, Tokyo. 2009.

"Locality in Syntax and Floated Numeral Quantifiers," *Linguistic Inquiry* 38.4: 645-670, 2007. with Koji Arikawa.

"Unifying agreement and agreementless languages." In Meltem Kelepir and Balkiz Öztürk, eds., *MIT Working Papers in Linguistics 54: Proceedings of the Workshop on Altaic Formal Linguistics II*, 47–66. Cambridge, MA: MITWPL. 2007.

"On the 'Undoing' Nature of Scrambling: a Response to Boskovic," *Linguistic Inquiry* 37.4: 607-624, 2006.

"Locality in Syntax and Floated Numeral Quantifiers in Japanese and Korean," *Proceedings of Japanese/Korean Linguistics*, 2006.

"Moving to the Edge," *Proceedings of the 2006 KALS-KASELL International Conference on English and Linguistics*, pp. 3-18. Pusan National University, Busan, Korea, 2006.

"EPP and Semantically Vacuous Scrambling," Joachim Sabel and Mamoru Saito, eds., *The Free Word Order Phenomenon: Its Syntactic Sources and Diversity*, pp. 181-220. Mouton de Gruyter. 2005.

"On the EPP," In Martha McGinnis and Norvin Richards, eds., *Perspectives on Phases, MIT Working Papers in Linguistics* 49, 201–236. Cambridge, MA: MITWPL, 2005.

 "A-chain Maturation Re-examined: a response to Sano, et al," Andrea Gualmini, et al, eds., *MIT Working Papers on Linguistics,* Fall 2004 (with Nanako Machida and Ken Wexler).

 "Decomposing Ditransitive Verbs," *Proceedings of SICGG,* Summer 2004 (with Yeun-Jin Jung).

"The EPP, Unaccusativity, and the Resultative Constructions in Japanese," *Scientific Approaches to Language No. 3, Center for Language Sciences*, Kanda University of International Studies, Kanda, Japan. April 2004 (with Maria Babyonyshev).

"Wh-in-situ and Scrambling in the Context of Comparative Altaic Syntax," *Proceedings of the First Workshop on Altaic Formal Linguistics*, *MIT Working Papers in Linguistics*. Spring 2004.

"Argument Structure and Ditransitive Verbs in Japanese," *Journal of East Asian Linguistics* 13, 1-38, 2004. (with Takae Tsujioka)

"A-movement Scrambling and Options Without Optionality," in *Word Order and Scrambling*, pp. 177-200. Simin Karimi, ed., Oxford: Blackwell Publishers, 2003.

"MIT's Open Courseware Initiative: A Case Study in Institutional Decision-Making," *Academe* (Journal of AAUP), with Steve Lerman, (to appear). Japanese version to appear in *IDE: Higher Education*. 2002.

"Personal Media," *Technos Quarterly*, 2002.

"Causatives," Natsuko Tsujimura, ed., *The Handbook of Japanese Linguistics*, Blackwell, pp. 236-268, 2001.

"EPP, Scrambling, and Wh-in-situ," *Ken Hale: A Life in Language*. Michael Kenstowicz, ed., MIT Press, 2001, pp. 293-338.

"Attachment and Japanese Relative Clause," *Journal of Language Processing* (with Edson Miyamoto, Ted Gibson, and Takako Aikawa) 2000.

"Light Verb *Make* and the Notion of *Cause*," Festrischft for Kazuko Inoue, Kanda University of International Studies, 2000.

"Nominative Case *Ga* in Acquisition," *Proceedings of the BU Conference on Language Acquisition* (with Edson Miyamoto, Ken Wexler, and Takako Aikawa) 2000.

"*(S)ase* as an Elsewhere Causative and the Syntactic Nature of Words," *Journal of Japanese Linguistics*, 1998 (accepted in 1995).

"Against Optional Scrambling," *Linguistic Inquiry* 28.1, Winter 1997, pp. 1-25.

"Word Order Restrictions and Nonconfigurationality," *Proceedings of Formal Approaches to Japanese Linguistics 2*, *MITWPL,* Department of Linguistics and Philosophy, MIT, 1996, pp. 117-142.

"JP NET: Building a Virtual Global Community of Japanese Specialists," *Proceedings of the Association of Teachers of Japanese Conference at Georgetown*, Association of Teachers of Japanese, Middlebury College, 1995 (with Tomoko Graham and Anne LaVin).

"Scrambling as an Obligatory Movement," *Proceedings of the Nanzan Conference on Japanese Linguistics and Language Teaching*, 1995.

"*(S)ase* as an Elsewhere Causative," *Program of the Conference on Theoretical Linguistics and Japanese Langauge Teaching*, Tsuda University, 1994, pp. 61-76.

"Case, Agreement, and *Ga/No* Conversion in Japanese," *Proceedings of the San Diego State University Japanese/Korean Linguistic Conference*, 1993, pp. 221-235.

"LF Case-checking and Minimal Link Condition," *MIT Working Papers in Linguistics*, 1993, pp. 213-254.

"Transitivity and Case Marking" (review article of Wesley Jacobsen's *The Transitive Structure of Events in Japanese), Journal of Association of Teachers of Japanese*, 1993.

“Kara and Node: Extending the Study Based on Phenomenal and Structural Knowledge.” *Proceedings of the Middlebury Conference on Japanese Linguistics and Language Teaching*, 1991.

“The Logic of kara and node,” in C. Georgepolis and R. Ishihara, eds., *Interdisciplinary Approach to Language: In Honor of S.-Y. Kuroda*. Reidel, 1991.

“Light Verbs and the Ergative Hypothesis,” *Linguistic Inquiry* 20.4, 1989, pp. 659-668.

“Predication and Numeral Quantifier,” in W. Poser, ed., *Proceedings of the Second Japanese Syntax Workshop*, pp. 157-192, Center for the Study of Language and Information, Stanford University, 1988.

“Shiekikei to Goi-bumon,” (Causative forms and the Lexicon), in S. Kuno and M. Shibatani, eds., *Nihongogaku no Shintenkai* (New directions in Japanese Linguistics), Kuroshio Shuppan, 1988.

“Unaccusative Verbs in Japanese,” *Proceedings of the Eastern States Conference on Linguistics* 4, 1988, pp. 199-220.

“Theme Subjects and Numeral Quantifiers,” in W. Tawa and N. Nakayama, eds., pp. 132-167, *Proceedings of the Japanese Syntax Workshop*, Connecticut College, 1987.

“Lexical Categories in Japanese,” *Lingua* 73, 1987, pp. 29-51.

“LF Affix Raising in Japanese,” *Linguistic Inquiry* 18, 1987, pp. 362-367.

“Restructuring in Japanese,” in T. Imai and M. Saito, eds., *Issues in Japanese Linguistics*, Foris Publications, 1987, pp 273-300.

“Wh Phrase and Wa,” in John Hinds et al, eds., *Perspectives on Topicalization: Studies on the Japanese Wa*, Benjamin Press, 1987, pp. 185-217.

“Historical Development of the Accusative Case in Japanese (with Setsuko Matsunaga), “ *Journal of Asian Culture*, UCLA Vol. 8, 1986, pp. 87-101.

“Verb Classes in English and Japanese: A Case Study in the Interaction of Syntax, Morphology, and Semantics,” (with Naoki Fukui and Carol Tenney), *Lexicon Project Working Papers* 7, Center for Cognitive Science, MIT, 1985, pp. 87-101.

“Blocking and Japanese Causatives,” *Lingua* 64, 1984, pp. 177-207.

“Pragmatics of Causation in Japanese,” *Studies in Japanese Language Use*, S. Miyagawa and C. Kitagawa, eds., 1984, pp. 147-184.

"Requesting in Japanese," *Journal of the Association of Teachers of Japanese* 17, 1984, pp. 123-143.

"Self-Sustaining Dialect: A Model for Second Language Teaching (with Galal Walker)," *Proceedings of the XIIIth International Congress of Linguists*, S. Hattori, ed., Tokyo, 1983, pp. 1136-1138.

"Paradigmatic Structures and Word Formation," *Coyote Papers* 2, University of Arizona Linguistics Circle, 1982, pp. 145-162.

Reviews

A Practical Guide for Teachers of Elementary Japanese, by Mutsuko Endo Simon, *Journal of the Assocation of Teachers of Japanese* 19, , 1984-85, pp. 272-277.

Oxford-Duden English-Japanese Pictorial Dictionary, Oxford Press, *Modern Language Journal* 68, 1984, pp. 183-184.

Origins of the Japanese Language by Roy Andrew Miller, *Modern Language Journal* 66, p. 114.

Electronic Media

"Birds, Monkeys, and Humans," a free MOOC offered through EdCast. https://www.edcast.org/learn/origins-of-human-language-birds-monkeys-and-humans-spring2015

MIT-Harvard joint MOOC, *Visualizing Japan (1850s – 1930s): Westernization, Protest, Modernity*. Fall 2014, with John W. Dower and Andrew Gordon.

Visualizing Cultures, a web-based history/culture program, with John W. Dower.

StarFestival: Return to Japan, a CD-ROM-based multimedia curriculum about cultural identity, 1999.

StarFestival Network, a broadband interactive non-linear narrative, 2000.

JP NET, an on-line service for Japanese language and culture, 1995.

Grants

AI and foreign language acquisition. AI Accelerator, funded by the U.S. Air Force through MIT. $750,000. 2020 – 2023.

Project on human language evolution: looking at the gibbons song. $10,000. 2017. SHASS Research Fund.

Visualizing JapanX: a pre-college component. 2013-14. $44,000. U.S.-Japan Foundation.

MITx, MIT, Developing an MIT-Harvard MOOC, Visualizing Japan. 2013-14. $140,000.

School of Humanities, Arts, and Social Sciences (SHASS), MIT, Innovation Fund for Teaching and Learning, for the Very Fast Track. December 2009 – present. $200,000.

Japan Foundation, "Visualizing Cultures," August 2010 – July 2011, $100,000, with John W. Dower.

Henry Luce Foundation, "Visualizing Cultures," July 2010 – June 2013, $250,000, with John W. Dower.

U.S. Department of Education, "Visualizing Cultures, August 2008 – July 2011, $630,000, with John Dower.

Getty Foundation, "Visualizing Cultures, March 2008 – February 2011, $200,000, with John Dower.

Luce Foundation, "Visualizing Cultures, July 2008 – July 2010, $250,000, with John Dower.

Center for Global Partnership, "Visualizing Cultures," June 2005 – May 2007, $144,000, with John W. Dower.

National Endowment for the Humanities, "Visualizing Cultures," June 2004 – May 2006, $200,000, with John W. Dower.

D'Arbeloff Grant, $400,000, MIT, "Visualizing Cultures," July 2002-June 2006, with John W. Dower.

School of Humanities, Arts, and Social Science Grant, $15,000, MIT, "Visualizing Cultures and Yokohama Prints," December 2003 - May 2004, with John W. Dower.

Fuji-Xerox, for research on new media, $10,000, September 2001 - December 2001.

Fuji-Xerox, for linguistics research, $20,000, December 2000 - June 2001.

Nippon Foundation, for JP NET, $610,000, September 1997-August 2000.

U.S. Department of Education, "*Star Festival* NET," $320,000, June 1997 - May 1999.

Fujitsu, Limited. Research on the Lexicon and Machine Translation, $265,000, April 1996 August 1998.

Canon Information Systems and Canon Business Machines, *JP-Net: Creating an Information Service for Teachers of Japanese Language and Culture*, $914,000, November 15, 1994 November 14, 2000.

Kochi Prefecture, Japan, "MIT-Kochi Prefecture International Exchange Program," $2,300,000, May 1995 - April 2001 ($2,000,000 is for an endowed chair in Japanese language and culture at MIT).

U.S. Department of Education, "Networking High School Teachers in the Northeast Region using the JP NET System at the Massachusetts Institute of Technology," August 1, 1995 - July 31, 1996, $183,000.

Japan-America Institute of Business Science (sponsored by Fujitsu), *The Star Festival -- Voices from a Chainging Japan*, $20,000, February - December 1995.

Consortium for Language Teaching and Learning, *Global Japanese Information Network for Teachers of Japanese*, $30,000, June 1994-May 1995.

ASCII Corporation, *The Star Festival -- Voices from a Chainging Japan*, $120,000, December 1993-November 1995.

U.S. Department of Education, Center for International Studies, *Tanabata: The Star Festival -- Voices from a Chainging Japan* , $104,000, August 1994-December 1995.

National Endowment for the Humanities, *Tanabata: The Star Festival*, Principal Investigator (with Janet Murray), $200,000 ($50,000 matching), January 1994-December 1995.

U.S. Department of Education, Center for International Studies, *Tanabata: The Star Festival-- an Interactive Documentary on Japan for Pre-college and College*, Principal Investigator (with Janet Murray), $180,000, August 1993-July 1994.

MIT Provost NEC Fund, to develop a pilot of a Japanese interactive video program (with Suzanne Flynn and Janet Murray), $65,000, April 1992

MIT Center for Educational Computing Initiative,to develop a pilot of a Japanese interactive video program (with Suzanne Flynn andJanet Murray), $50,000, April 1992

Consortium for Language Teaching and Learning, programming for a pilot of a Japanese interactive video program (with Janet Murray), $17,000, May 1992

Consortium for Language Teaching and Learning, HyperCard Program for Japanese Counters (with Yoshie Kawamura, MIT), $8,000, November 1991

Ohio Board of Regents, "Japanese Language, Literature and History." Primary proposal writer and administrator. $100,000 (with approx. 10% increase each year), per year for 1990-1996.

Purdue University (National Science Foundation Grant), "Research on Technical Japanese," $6,000, Summer 1989, 1990

Honda of America, to establish a Japanese Language and Culture Program at Honda, Marysville, Ohio, $44,000, 1987-89

Social Science Research Council, New York, Postdoctoral grant, "Japanese Case Marking and University Linguistic Principles, " $7,780, July-December 1985

Presentations

Numerous presentations on linguistics and on multimedia and Internet/networked computer use for language and culture instruction. The presentations are at international conferences and also at corporate headquarters. The following are the presentations given over the past year. Most recently:

Five invited lectures on advanced syntax, Seoul National University, December 16 – 22, 2016.

"Borderless science," keynote at the invitation of the provost, 24th University of São Paulo International Symposium of Undergraduate Research (SIICUSP), October 19-20, 2016

"Syntax of participants," invited keynote, 39th GLOW, University of Goettingen, April 8, 2016 (with Liliane Haegeman).