

## Yoshimasa MAJIMA

---

Professor	Phone: +81-11-891-2731
Dept. of Psychology for Well-Being, Faculty of Social Welfare, Hokusei Gakuen University	Fax: +81-11-896-7660
Oyachi Nishi 2-3-1, Atsubetsu-ku, Sapporo, 004-8631 JAPAN	Office: 1605
	E-Mail: majima.y@hokusei.ac.jp / majima.y@gmail.com
	Web: <a href="https://www.mlab-jdm.org/">https://www.mlab-jdm.org/</a>

### Education

<b>Ph. D. in Behavioral Science</b>	<b>Mar. 2000.</b>
Hokkaido University	
Dissertation title: <i>A Study of dynamic shift in hypothesis testing.</i>	
<b>M.A. in Behavioral Science</b>	<b>Mar. 1996.</b>
Hokkaido University	
<b>B.A. in Behavioral Science</b>	<b>Mar. 1994.</b>
Hokkaido University	

### Working Experiences

Apr. 2000 – Mar. 2002	Part-time Lecturer (Faculty of Letters, Hokkaido University and other universities)
Apr. 2002 – Mar. 2012	Assistant Professor, Dept. of Psychology, Hokkaido University
Apr. 2012 – Mar. 2015	Assistant Professor, Dept. of Psychology for Well-Being, Hokusei Gakuen University
Apr. 2015 – Mar. 2020	Associate Professor, Dept. of Psychology for Well-Being, Hokusei Gakuen University
Apr. 2018 – Mar. 2019	Visiting Scholar, Dept. of Psychology, University of Waterloo (CANADA)
Apr. 2020 – present	Professor, Dept. of Psychology for Well-Being, Hokusei Gakuen University

### Subjects Taught

- Introduction to Psychological Experiments (undergraduate, 2000 – 2014)
- Psychological Research Methods (undergraduate, 2010 – 2012)
- Introduction to Psychological Statistics (undergraduate, 2012 – present)
- Psychological Statistics (undergraduate, 2013 – 2019)
- Multivariate Analysis (undergraduate, 2020 – present)
- Psychological Experiment (undergraduate, 2012 – present)
- Cognitive Psychology (undergraduate, 2012 – present)
- Psychology of Human Relationship and Communication (undergraduate, 2013 – present)
- Introduction to Psychology (undergraduate, 2019)
- Psychological Statistics [Advanced] (graduate, 2015 – present)
- Cognitive Psychology [Advanced] (graduate, 2016 – present)

## Research Interest

Cognitive {Psychology, Science} of reasoning, thinking and social cognition, online study conduct

**Keywords:** hypothesis testing, epistemically suspect beliefs (e.g. paranormal, pseudoscience, and religion), thinking styles, intuition, rationality, moral reasoning, individual and cultural difference, online experiment, crowdsourcing

## Awards

1. **Distinguished Presentation Awards**, Hokkaido Psychological Society, 2011.
2. **JSCP Distinguished Presentation Awards (Technology Evaluation Division)**, the Japanese Society for Cognitive Psychology, 2017.

## Peer Reviewed Articles

1. Majima, Y. & Nakamura, H. (2020). Development of the Japanese Version of the Generic Conspiracist Beliefs Scale (GCBS-J). *Japanese Psychological Research*, 62, 254-267. <https://doi.org/10.1111/jpr.12267>
2. Altay, S., Majima, Y., Mercier, H. (2020). It's my idea! Reputation management and idea appropriation. *Evolution and Human Behavior*, 41, 235-243. doi: 10.1016/j.evolhumbehav.2020.03.004
3. Bialek, M., Bergelt, M., Majima, Y., & Koehler, D. K. (2019). Cognitive reflection but not reinforcement sensitivity is consistently associated with delay discounting of gains and losses. *Journal of Neuroscience, Psychology, and Economics*, 12, 169-183.
4. Nakamura, H. & Majima, Y. (2019). Comparing the performance of cognitive tasks between Japanese crowd workers in a web-based experiment and university students in a lab-based experiment. *The Japanese Journal of Psychonomic Science*, 38, 33-43.
5. Majima, Y. (2019). Why do you believe in pseudoscience or disbelieve in science? In Yama, H. & Salvano-Pardieu, D. (Eds.) *Adapting Human Thinking and Moral Reasoning in Contemporary Society*. pp. 116-131, Hershey, PA: IGI Global. <https://doi.org/10.4018/978-1-7998-1811-3.ch005w>
6. Mercier, H., Majima, Y., Claidière, N., & Léone, J. (2019). Obstacles to the spread of counter-intuitive beliefs. *Evolutionary Human Sciences*, 1, E10. doi:10.1017/ehs.2019.10
7. Majima, Y. (2019). Reasoning. *Advances in Child Psychology*, 58, 75-99. Tokyo: Kaneko Shobou. (In Japanese)
8. Mercier, H., Majima, Y., & Milton, H. (2018) Willingness to transmit and the spread of pseudoscientific beliefs. *Applied Cognitive Psychology*, 32, 499–505. <https://doi.org/10.1002/acp.3413>
9. Majima, Y. (2017). The Feasibility of a Japanese Crowdsourcing Service for Experimental Research in Psychology. *SAGE Open*, 7(1). <https://doi.org/10.1177/2158244017698731>
10. Majima, Y., Nishiyama, K., Nishihara, A., & Hata, R. (2017). Conducting Online Behavior Research Using Crowdsourcing Services in Japan. *Frontiers in Psychology*, 8:378. doi: 10.3389/fpsyg.2017.00378
11. Majima, Y. (2015). Belief in Pseudoscience, Cognitive Style and Science Literacy. *Applied Cognitive Psychology*, 29, 552-559. <https://doi.org/10.1002/acp.3136>
12. Nishihara, S., Imai, F., Fujiki, A., & Majima, Y. (2015). Interaction between Mental Rotation and Manual Rotation with and without Motor Planning. *Psychology*, 6, 1086-1095.

<https://doi.org/10.4236/psych.2015.69106>

13. Majima, Y. (2012). Effects of Thinking Disposition, Science Literacy, and Educational Backgrounds on Beliefs in the Paranormal and Pseudoscience. *Hokkaido Psychological Research*, 34, 1-91. (In Japanese with English abstract)
14. Majima, Y. (2012). The Role of Critical Thinking in Acquisition of Science Literacy and "Subjective Demarcation" between Science and Pseudoscience. *Cognitive Studies*, 19, 22-38. (In Japanese with English abstract)
15. Majima, Y. (2008). Selection of test cases within hypothesis testing. *The Japanese Journal of Cognitive Psychology*, 6, 57-63. (in Japanese with English abstract)
16. Majima, Y., & Takigawa, T. (2002). Hypothesis Testing Processes in the Reception Strategy Task and Hypothesis Evaluation Task. *The Japanese Journal of Psychology*, 73, 42-50. (in Japanese with English abstract)

### Non-Peer Reviewed Articles (Selected)

17. Majima, Y., Nagai, A., Ishikawa, S., Fujiki, A., & Matura, T. (2020). Introducing 'jamovi' as a tool for education in statistics. *Hokusei Review*, 57, 111-129. (In Japanese with English abstract)
18. Majima, Y. (2019). Should I, as a cognitive scientist, use crowdsourcing in my research? *Cognitive Studies*, 26, 272-281. (In Japanese with English abstract. Invited paper)
19. Majima, Y. (2018). Dear researchers who are curious about using crowdsourcing. *Psychology World*, 82, 21-22. Tokyo: Japanese Psychological Association. (In Japanese. Invited article)
20. Majima, Y. (2015). Similarity, Complementarity and Interrelationship between Theories of Two Modes of Mindset. *Hokusei Review*, 52, 11-27. (In Japanese with English abstract)
21. Majima, Y. (2015). Recent Trends in Behavioral Research Methods: Cooperative Use of Crowdsourcing Services and Web based Survey Platforms. *Hokusei Review*, 52, 29-40. (In Japanese with English abstract)

### In Preparation

1. Majima, Y., Walker, A. C., Turpin, M. H., & Fugelsang, J. A. (2020). *Culture as a moderator of epistemically suspect beliefs*. Manuscript submitted for publication.

### Conference Presentation (Selected)

1. Majima, Y. (2019). *Cultural difference of the effect of analytical / intuitive thinking style on reasoning, JDM, and belief tasks*. Poster presentation at the CogSci2019, July 2019. Palais des Congrès de Montréal, Montréal, Quebec, CANADA.
2. Majima, Y. & Nakamura, H. (2019). On the universality of the association between cognitive reflection test and intuitive and biased responses. Paper presented at the 17<sup>th</sup> Annual Conference of the Japanese Society for Cognitive Psychology. May 2019. Kyoto Terasa, Kyoto, JAPAN.
3. Majima, Y. (2018). *Belief bias among believers of the paranormal and the pseudoscience*. Poster presentation at CogSci2018, July 2018. Hilton Madison Monona Terrace, Madison, WI.
4. Majima, Y. (2018). *On the reasoning based on empirically suspect beliefs and its cultural difference*.

Chair and oral presentation at the 16th Annual Conference of the Japanese Society for Cognitive Psychology. September 2018. Ritsumeikan University, Osaka, JAPAN.

5. Majima, Y., Nakamura, H. (2018). Not All of Empirically Suspect Beliefs Can Be Intensified by Mind Perception. Poster presentation at Psychonomic 2018, November 2018. Hyatt Regency New Orleans, New Orleans, LA.
6. Majima, Y. (2017). *Intuitive cognitive style, but not analytic style, strengthens the empirically suspect everyday beliefs*. Chair and oral presentation at the 15th Annual Conference of the Japanese Society for Cognitive Psychology. June 2017. Keio University, Tokyo, JAPAN.
7. Majima, Y. (2017). *Epistemically Suspect Beliefs can be partly explained by individual's propensity towards contradiction*. Poster presentation at CogSci2017. July 2017. Hilton London Metropole, London, UK.
8. Majima, Y. (2017). *Does empirically suspect belief facilitate belief bias in conflicting syllogisms?* Poster presentation at the 81st Annual Meeting of the Japanese Psychological Society. September 2017. Kurume City Plaza, Kurume, JAPAN.
9. Majima, Y. (2017). *Do beliefs in paranormal and pseudoscience bolster belief bias in syllogistic reasoning?* Poster presentation at 58th Annual Meeting of the Psychonomic Society. November 2017. Vancouver Convention Center, Vancouver, BC, CANADA.
10. Majima, Y. (2016). *Science literacy, cognitive style and belief in the pseudoscience*. Symposium (invited speaker). The 33rd Annual Conference of Japanese Cognitive Science Society. September 2016. Hokkaido University, Sapporo, Japan.
11. Majima, Y. (2016). *Cultural difference in a relationship between cognitive style and weird beliefs*. Poster presentation at the International Conference on Thinking 2016. August 2016. Brown University, Providence, RI.
12. Majima, Y. (2016). *Intuitive-analytical thinking styles predict belief in paranormal and non-paranormal pseudoscience*. Symposium, speaker. The 31st International Congress of Psychology (ICP2016). July 2016. Pacifico Yokohama, Yokohama, Japan.
13. Majima, Y. (2016). *The viability of online experimental platform as a tool for cognitive studies*. Poster presentation at the 14th Annual Conference of The Japanese Society for Cognitive Psychology. June 2016. Hiroshima University, Higashi Hiroshima, Japan.

### Research Grants as Principal Investigator

Jun. 2019 – present	Special Group Research Grant from Hokusei Gakuen University (Year 2019), The development of teaching materials of statistics for social sciences across multiple disciplines. (300,000 JPY)
Apr. 2019 – present	Japan Society for Promotion of Science Grants-in-Aid for Scientific Research (C), <i>Fake News: Who believes it, who spreads it?</i> (3,400,000 JPY)
Apr. 2015 – Mar.2019	Japan Society for Promotion of Science Grants-in-Aid for Scientific Research (C), <i>On the relationship between perceptual and cultural mindsets</i> . (3,300,000 JPY)
Jun. 2015 – Mar. 2016	Special Group Research Grant from Hokusei Gakuen University (Year 2015), <i>The viability of crowdsourcing sample as a participant pool for empirical studies in social science</i> . (475,000 JPY)

- Apr. 2012 – Mar. 2014 Japan Society for Promotion of Science Grants-in-Aid for Scientific Research (C), *The role of science literacy, thinking dispositions and skills on judging “validity” of pseudoscientific claims.* (3,300,000 JPY)
- Apr. 2009 – Mar. 2010 Japan Society for Promotion of Science Grant-in-Aid for Young Scientists (B), *A psychological study on the process of acquisition and persistence of pseudoscientific beliefs.* (1,950,000 JPY)
- Apr. 2005 – Mar. 2007 Japan Society for Promotion of Science Grant-in-Aid for Young Scientists (B), *A study on individual difference in the emergence of cognitive biases and developing an educational game toward debiasing.* (3,400,000 JPY)

## Professional Memberships

Cognitive Science Society

Psychonomic Society

Society for Judgment and Decision Making

Japanese Psychological Association

Japanese Cognitive Science Society

Apr. 2019 – present, Editorial Committee

Japanese Society for Cognitive Psychology

Apr. 2017 – present, Administrative Secretary, Editorial Committee

Japanese Society of Social Psychology

Hokkaido Psychological Society

Nov. 2005 – Oct. 2007, Auditor (internal); Oct. 2008 – Mar. 2011, Administrative Secretary, Academic Board.