

Minyu Chang

Memory and Neuroscience Lab, Department of Psychology
 Martha Van Rensselaer Hall, Cornell University, Ithaca, NY, 14850
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EDUCATION

- 2017 – 2022 **Cornell University**
 Ph.D. in Psychology
 Advisor: Dr. Charles Brainerd
- 2017 – 2019 **Cornell University**
 M.A. in Psychology
 Advisor: Dr. Charles Brainerd
- 2016 Spring **University of Illinois Urbana-Champaign (UIUC)**
 Exchange Student in Psychology
- 2013 – 2017 **The University of Hong Kong (HKU)**
 Bachelor of Social Science (First Class Honor)
 Major in Psychology, Minor in Cognitive Science

PEER-REVIEWED PUBLICATIONS

- 2022 Brainerd, C. J., Bialer, D. M., & **Chang, M.** (in press). Memory effects of semantic attributes: A method of controlling attribute contamination. *Behavior Research Methods*.
- 2022 Brainerd, C. J., **Chang, M.**, Bialer, D. M., & Liu, X. (in press). How does attribute ambiguity improve memory? *Memory & Cognition*.
- 2022 **Chang, M.** & Brainerd, C. J. (2022). Association and dissociation between judgments of learning and memory: A meta-analysis of the font size effect. *Metacognition and Learning*. Advance online publication.
- 2021 Brainerd, C. J., Bialer, D. M., **Chang, M.** & Upadhyay, P. (2021). A fundamental asymmetry in human memory: Old ≠ not-new and new ≠ not-old. *Journal of Experimental Psychology: Learning, Memory and Cognition*. Advance online publication.
- 2021 Brainerd, C. J., Bialer, D. M., & **Chang, M.** (2021). Fuzzy-trace theory and false memory: Meta-analysis of conjoint recognition. *Journal of Experimental Psychology: Learning, Memory and Cognition*. Advance online publication.
- 2021 **Chang, M.**, & Brainerd, C. J. (2021). Semantic and phonological false memory: A review of theory and data. *Journal of Memory and Language*, 119, 104210.

- Brainerd, C. J., **Chang, M.**, Bialer, D. M., & Toglia, M. P. (2021). Semantic ambiguity and memory. *Journal of Memory and Language*, *121*, 104286.
- Chang, M.**, & Brainerd, C. J. (2021). Factor analyses of the ADNI neuropsychological battery: An examination of diagnostic and longitudinal invariance. *Neuropsychology*, *35*(4), 434-450.
- Brainerd, C. J., **Chang, M.**, & Bialer, D. M. (2021). Emotional ambiguity and memory. *Journal of Experimental Psychology: Genera*, *150*(8), 1476-1499.
- Chang, M.**, Brainerd, C. J., Toglia, M. P., & Schmidt, S. R. (2021). Norms for emotion-false memory lists. *Behavior Research Methods*, *53*(1), 96-112.
- 2020 Brainerd, C. J., **Chang, M.**, & Bialer, D. M. (2020). From association to gist. *Journal of Experimental Psychology: Learning, Memory and Cognition*, *46*(11), 2106-2127.
- Brainerd, C. J., & Bialer, D. M., **Chang, M.** (2020). Norming retrieval processes. *Journal of Memory and Language*, *115*, 104143.
- 2019 Brainerd, C. J., Nakamura, K., **Chang, M.**, & Bialer, D. M. (2019). Verbatim editing: A general model of recollection rejection. *Journal of Experimental Psychology: Learning, Memory and Cognition*, *45*(10), 1776-1790.
- Brainerd, C. J., Nakamura, K., **Chang, M.**, & Bialer, D. M. (2019). Super-overdistribution. *Journal of Memory and Language*, *108*, 104027.
- 2018 Odegaard, B., **Chang, M. Y.**, Lau, H., & Cheung, S. H. (2018). Inflation versus filling-in: Why we feel we see more than we actually do in peripheral vision. *Philosophical Transactions of the Royal Society B: Biological Sciences*, *373*, 20170345.

MANUSCRIPTS UNDER REVIEW

- Unver revision **Chang, M.** & Brainerd, C. J. (2022). Predicting conversion from mild cognitive impairment to Alzheimer's disease with multimodal factor scores. Manuscript submitted for publication.
- Under review **Chang, M.** & Brainerd, C. J. (2022). Changed-goal or cue-strengthening? Examining the reactivity of judgments of learning with the dual-retrieval model. Manuscript submitted for publication.
- Brainerd, C. J., **Chang, M.**, Bialer, D. M., Liu X., & Nakamura, K. (2022). Contradiction and Consistency in Repeated Retrieval. Manuscript submitted for publication.
- Brainerd, C. J., **Chang, M.**, Bialer, D. M., & Liu, X. (2022). Contradiction and compensation in the four corners of episodic memory. Manuscript submitted for publication.

CONFERENCE PRESENTATIONS

- 2022 **Chang, M.** & Brainerd, C. J. (2022). *Changed-goal or cue-strengthening? An investigation into the underlying mechanisms of judgment of learning reactivity*. Poster presented at the 44rd Annual Conference of the Cognitive Science Society.
- 2021 **Chang, M.** & Brainerd, C. J. (2021). *A meta-analysis for the font size effect: Judgments of learning and memory are not always dissociated*. Poster presented at the 62nd Annual Meeting of the Psychonomic Society.
- Brainerd, C. J., **Chang, M.**, Bialer, D. M., Reyna, V. F. & Nakaruma, K. (2021). *From association to gist*. Paper presented at the 62nd Annual Meeting of the Psychonomic Society.
- Bialer, D. M., Brainerd, C. J. & **Chang, M.** (2021). *Why are semantically ambiguous words remembered better? Can latency in semantic ratings help explain the pattern?* Poster presented at the 62nd Annual Meeting of the Psychonomic Society.
- Chang, M.** & Brainerd, C. J. (2021). *Semantic and phonological false memory: A review of theory and data*. Poster presented at the 43rd Annual Conference of the Cognitive Science Society.
- 2020 **Chang, M.** & Brainerd, C. J. (2020). *Higher semantic ambiguity leads to better recall in addition to higher semantic intensity*. Poster presented at the 61st Annual Meeting of the Psychonomic Society.
- Brainerd, C. J., **Chang, M.** & Bialer, D. M. (2020). *Old ≠ not-new and new ≠ not-old*. Paper presented at the 61st Annual Meeting of the Psychonomic Society.
- 2019 **Chang, M.** & Brainerd, C. J. (2019). *Dual-retrieval models and metamemory in younger and older adults*. Poster presented at the 60th Annual Meeting of the Psychonomic Society, Montreal, QC, Canada.
- Brainerd, C. J., Bialer, D. M., **Chang, M.** & Nakamura, K. (2019). *Quantum memory*. Paper presented at the 60th Annual Meeting of the Psychonomic Society, Montreal, QC, Canada.
- 2018 **Chang, M.**, Marche T., & Brainerd, C. J. (2018). *Memory for medical procedures in children and adolescents with diabetes*. Poster presented at the 59th Annual Meeting of the Psychonomic Society, New Orleans, LA, U.S.A.
- Brainerd, C. J., Nakamura, K., **Chang, M.**, & Bialer, D. M. (2018). *Super-overdistribution in episodic memory*. Paper presented at the 59th Annual Meeting of the Psychonomic Society, New Orleans, LA, U.S.A.

AWARDS, GRANTS, SCHOLARSHIPS AND FELLOWSHIPS

2021	Psychonomic Society Graduate Conference Award (\$1000)
2021	Cornell Human Development Summer fellowship (\$4500)
2021	Cornell Human Development Dissertation Grant (\$1000)
2021	Flora Rose, Esther Stocks, Ethel B. Waring, Harold Feldman, Flemmie Kittrell, Human Ecology Alumni Association, and Serby-Gildea Graduate Fellowship (\$14018)
2020	Psychonomic Society Graduate Conference Award (\$1000)
2020	Cornell Human Development Summer fellowship (\$3000)
2019	Cornell Graduate School Travel Grant (\$390)
2019	Flora Rose, Esther Stocks, Ethel B. Waring, Harold Feldman, and Flemmie Kittrell Graduate Fellowship (\$13609)
2018	Cornell Graduate School Travel Grant (\$235)
2017-2018	Cornell Graduate School Fellowship (\$25780)
2013-2017	HKU Scholarship for Outstanding Mainland Students (HK\$360,000)
2013-2014	Dean's Honors List in Faculty of Social Science at HKU

RESEARCH EXPERIENCE

2017 – Present	Memory and Neuroscience Lab, Cornell University Supervisor: Dr. Charles Brainerd
2016 – 2017	Visual Psychophysics and Neuroimaging Lab, HKU Supervisor: Dr. Sing-Hang Cheung
2016 Fall	Attention, Brain & Cognition Lab, HKU Supervisor: Dr. Janet Hsiao
2016 Spring	Lifelong Brain and Cognition Lab, UIUC Supervisor: Dr. Art Kramer
2016 Spring	Developmental Social Neuroscience Lab, UIUC Supervisor: Dr. Eva Telzer

TEACHING EXPERIENCE

Guest Lecturer, Department of Psychology, Cornell University

2022 Spring	HD1120 Mind, Brain, and Society Instructor: Dr. Adam Anderson
2019 Spring	HD3660 Affective and Social Neuroscience Instructor: Dr. Adam Anderson

Teaching Assistant, Department of Psychology, Cornell University

2022 Spring	HD1120 Mind, Brain, and Society Instructor: Dr. Adam Anderson
2021 Fall	HD3330 Children and the Law Instructor: Dr. Michael Toglia
2020 Fall	HD3190 Memory and the Law Instructor: Dr. Charles Brainerd

2020 Spring	HD3620 Human Bonding Instructor: Dr. Cindy Hazan
2019 Spring	HD3660 Affective and Social Neuroscience Instructor: Dr. Adam Anderson
2018 Fall	HD2180 Adulthood and Aging Instructor: Dr. Corinna Loeckenhoff

PROFESSIONAL SERVICES

Ad-hoc reviewer	<i>Memory, Journal of Experimental Psychology: Learning, Memory and Cognition, Journal of Memory and Language, Psychonomic Bulletin & Review, Memory & Cognition, Behavior Research Methods, Applied Cognitive Psychology</i> OPUS Grant of National Science Centre, Poland
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ACADEMIC AND SOCIAL SERVICES

2022	<i>Volunteer, Write A Researcher Program, Cornell University</i>
2021	<i>Mentor, Cornell Psychology & Human Development Diversity Mentorship Program</i>
2020	<i>Judge, Cornell Undergraduate Research Board Fall Forum</i>
2015	<i>Volunteer teacher, New Hope School, Cambodia</i>
2014	<i>Volunteer physiotherapy assistant, Heep Hong Society, Hong Kong</i>

PROFESSIONAL AFFILIATIONS

American Psychological Association of Graduate Students, Association for Psychological Science, Cognitive Science Society, Psychonomic Society

REFERENCES

Dr. Charles Brainerd Department of Psychology Cornell University cb299@cornell.edu	Dr. Valerie Reyna Department of Psychology Cornell University vr53@cornell.edu	Dr. Michael Toggia Department of Psychology Cornell University mpt38@cornell.edu
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