

Xiaoqing Hu

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PROFESSIONAL APPOINTMENT

- 2022-present Associate Professor,
Department of Psychology,
The University of Hong Kong, Hong Kong SAR, China
- 2016-present Principal Investigator,
The State Key Laboratory of Brain and Cognitive Sciences,
The University of Hong Kong, Hong Kong SAR, China
- 2016-2022 Assistant Professor,
Department of Psychology,
The University of Hong Kong, Hong Kong SAR, China
- 2014-2016 Post-Doctoral Fellow
Department of Psychology, The University of Texas at Austin, Texas, USA

EDUCATION

- 2009-2014 Ph.D. in Brain, Behavior, and Cognition
Department of Psychology, Northwestern University, Illinois, USA
- 2009-2011 M.S. in Brain, Behavior, and Cognition
Department of Psychology, Northwestern University, Illinois, USA
- 2006-2009 M.Ed. in Developmental Psychology,
Department of Psychology, Zhejiang Normal University, Zhejiang, China
- 2002-2006 B.S. in Psychology,
Department of Psychology, Zhejiang University, Zhejiang, China

HONORS AND AWARDS

- 2022 Outstanding Young Researcher Award
The University of Hong Kong

- 2022 Research Output Prize
The University of Hong Kong
- 2021 APS Rising Star Award
Association for Psychological Science (APS)
- 2013 APA Dissertation Research Award,
American Psychological Association (APA)
- 2012 Chinese Government Award for Outstanding Self-financed Students Abroad,
China Scholarship Council (CSC)

RESEARCH GRANTS

Principal Investigator, On-going:

- 2023-2025 **Principal Investigator.** Employing emotion regulation to facilitate memory control.
No. 17614922, HKD 1,019,442.
General Research Fund, Hong Kong Research Grants Council.
- 2022-2027 **Principal Investigator.** Intervention research of insomnia based on mechanisms
of maladaptive emotional memory processing.
No. 2022ZD0214100, CNY 5,000,000 (~5,680,000 HKD).
Ministry of Science and Technology of China.
- 2022-2025 **Principal Investigator.** Neurocognitive mechanisms of targeted memory
reactivation during human sleep.
No.32171056, CNY 590,000 (~708,883 HKD).
General Program, National Natural Science Foundation of China.

Principal Investigator, Completed

- 2020-2022 **Principal Investigator.** Modulating emotional memories during sleep.
No.31922089, CNY 1,300,000 (~1,563,600 HKD).
Excellent Young Scientists Fund (Hong Kong and Macau),
National Natural Science Foundation of China.
- 2018-2021 **Principal Investigator.** Understanding mnemonic neglect in self-evaluation: a
sleep-based memory consolidation perspective.
No. 17601318, HKD 603,332.
General Research Fund, Hong Kong Research Grants Council.
- 2018-2020 **Principal Investigator.** Training to control unwanted emotional memories:
A longitudinal study.
No. 31700953, CNY 290,000 (~ HKD 348,800).

Young Scientists Fund, National Natural Science Foundation of China.

2018-2020 **Principal Investigator.** How memory control influences unwanted emotional memories' automatic expressions.

No. 27610617, HKD 704,702.

Early Career Scheme, Hong Kong Research Grants Council,

Co-Investigator:

2025-2027 **Co-Investigator.** The effects of auditory cueing during sleep on generalized phonetic learning: The case of non-native lexical tone learning.

General Research Fund, Hong Kong, Research Grants Council, (PI: Caicai Zhang),

No. 15601024, HKD 860,380.

2024-2027 **Co-Investigator.** Enhancing Health of Older Adults in Care and Attention Homes through a Holistic Building Greenery Management Model: Empirical evidence from an electroencephalography-based virtual experiment and field measurement studies.

General Research Fund, Hong Kong, Research Grants Council,

(PI: Isabelle Y.S, Chan), No. 17213124, HKD 745,909.

2024-2026 **Co-Investigator.** Effects of cognitive behavioural therapy for insomnia (CBT-I) on impulsivity and risk taking in youth with insomnia: A randomised controlled trial.

General Research Fund, Hong Kong, Research Grants Council, (PI: Shirley X. Li),

No. 17619123, HKD 958,572.

2024-2027 **Co-Investigator.** Reward processing and eveningness in youth depression: a longitudinal EEG investigation. 21222951, Health and Medical Research Grants, Health Bureau, (PI: Shirley X. Li), No. 21222951, HKD 1,126,272.

2022-2024 **Co-Investigator.** Cortical excitation and inhibition in targeted memory reactivation during sleep. General Research Fund, Hong Kong, Research Grants Council, (PI: Cora Sau Wan Lai), HKD 1,169,056.

2021 **Co-Chair.** NSFC-RGC Forum for Young Scholars: International Symposium on Neural Mechanisms of Decision Making and Social Behaviors. Funded by National Natural Science Foundation of China. (Chair: Pengfei Xu), CNY 199,000.

2021-2023 **Co-Investigator.** Value similarity and romantic relationships: The differential roles of explicit and implicit personal values. General Research Fund, Hong Kong, Research Grants Council, (PI: Shengquan Ye), HKD 653,300.

2020-2021 **Co-Investigator.** The impact of anxiety on executive control and the neural mechanisms. Funded by Science and Technology Planning Project of Guangdong Province of China, No. 2019A050510048, (PI: Yuejia Luo), CNY 2,000,000.

2020-2023 **Co-Investigator.** The technology and clinical application of brain-computer

interface for patients with consciousness disorders. Funded by Key Realm R&D Program of Guangzhou. No. 20200703005 (PI: Pengmin Qin), CNY 10,000,000.

2018-2020 **Co-Investigator.** Taichi vs Walking in Promoting Mental Health in Adults. General Research Fund, Hong Kong, Research Grants Council, (PI: Stanley Hui), HKD 687,992.

2017-2019 **Co-Investigator.** Novel, ERP-based, concealed information detection: Combining recognition-based and feedback-evoked ERPs. Funded by National Natural Science Foundation of China. No. 31600875, (PI: Liyang Sai), CNY 200,000.

PUBLICATIONS

Bibliometrics

Total: >60 papers, (co)Corresponding/First-Authorship: >40 papers

Citations: >2,980, *h*-index: 25, *h*-10 index: 48, Source: Google Scholar, October, 2024.

underline denotes undergraduate/research assistant/graduate/post-doc trainee author(s) under my supervision, # denotes co-first author(s), * denotes corresponding author(s).

Preprints

Liu, J. *, Chen, D., Xia, T., Zeng, S., Xue, G., & Hu, X.* (2024). Slow-wave sleep and REM sleep differentially contribute to memory representational transformation. <https://doi.org/10.1101/2024.08.05.606592>

Guo, S., Swire-Thompson, B., & **Hu, X.*** (2024). Specific media literacy tips decrease belief in AI-generated visual misinformation. <https://doi.org/10.31234/osf.io/phr79>

Guo, S., Zhong, Y., & **Hu, X.*** (2024). Properties of AI-generated images that influence misinformation belief and correction efficacy. <https://doi.org/10.31219/osf.io/2p64a>

Yue, W., Liu, J., Yao, Z., Zhang, Y., Mu, Z., & **Hu, X.*** (2024). Retrospective duration judgments of naturalistic events depend on memories of event boundaries

Guo, S., Chen, D., & **Hu, X.*** (2023) How does an alternative explanation reduce the continued influence effect of misinformation? An ERP investigation. <https://doi.org/10.31234/osf.io/z7aqc>

Journal Articles

Chen, D., Xia, T., Yao, Z., Zhang, L., & **Hu, X.*** (2024). Modulating social learning-induced evaluation updating during human sleep. *npj Science of Learning*, 9, 43, <https://doi.org/10.1038/s41539-024-00255-5>

Chen, D., Yao, Z., Liu, J., Wu, H., & Hu, X.* (2024). Social conformity updates the neural representation of facial attractiveness. *Communications Biology*. <https://doi.org/10.1038/s42003-024-06791-5>

Lin, X., Chen, D., Liu, J., Yao, Z., Xie, H., Anderson, M.*, & Hu, X.* (2024). Observing the suppression of individual aversive memories from conscious awareness. *Cerebral Cortex*, 34(6), bhae080, <https://doi.org/10.1093/cercor/bhae080>

Varma, M. M. #, Zeng, S. #, Singh, L., Holmes, E. A., Huang, J., Chiu, M. H., & Hu, X.* (2024). A systematic review and meta-analysis of experimental methods for modulating intrusive memories from lab-analogue trauma exposure in non-clinical population. *Nature Human Behaviour*, <https://doi.org/10.1038/s41562-024-01956-y>

Xia, T., Chen, D., Zeng, S., Yao, Z., Liu, J., Qin, S., Paller, K.A., Torres-Platas, S. G., Antony, J.W., & Hu, X.* (2024) Aversive memories can be weakened during human sleep via the reactivation of positive interfering memories. *Proceedings of the National Academy of Sciences*, 121(31), e2400678121, <https://doi.org/10.1073/pnas.2400678121>

Yao, Z., Xia, T., Wei, J., Zhang, Z., Lin, X., Zhang, D., Qin, P., Ma, Y.*, & Hu, X.* (2024). Reactivating cued approached positive personality traits during sleep promotes positive self-referential processing. *iScience*.27(7), 110341. <https://doi.org/10.1016/j.isci.2024.110341>

Yao, Z., Wei, J., Huang, G., Li, L., Liang, Z., Zhang, L., Wu, H., Yuan, T., Zhang, Z.*, & Hu, X.* (2024). Right frontal gamma transcranial alternating current stimulation modulates optimism biases. *Neuroscience Bulletin*, <https://doi.org/10.21203/rs.3.rs-4018820/v1>

Zheng Q., Huang, Y., Mu, C., **Hu, X.***, Lai, C. S.W.* (2024). Selective modulation of fear memory in non-rapid eye movement sleep. *Advanced Science*.

Liu, J., Xia, T., Chen, D., Yao, Z., Zhu, M., Antony, J. W., Lee, T.M.*, & Hu, X.* (2023). Item-specific neural representations during human sleep support long-term memory. *PLoS Biology*, 21(11): e3002399. doi:10.1371/journal.pbio.3002399

Yu, D.J., Recchia, F., Bernal, J.D.K., Yu, A.P., Fong, D.Y., Li, S.X., Chan, R.N.Y., **Hu, X.**, & Siu, P.M.* (2023) Long-term effectiveness of exercise, cognitive behavioral therapy, and pharmacotherapy on improving sleep in adults with chronic insomnia: A systematic review and network meta-analysis of randomized controlled trials. *Healthcare*, 11(15), 2207; <https://doi.org/10.3390/healthcare11152207>

Schäfer, S., Lüder, C., Porcheret, K., **Hu, X.**, Margraf, J., Michael, T., ... Zeng, S., ... & Sopp, R. (2023). To sleep or not to sleep, that is the question: A systematic review and meta-analysis on the effect of post-trauma sleep on intrusive memories of analog trauma. *Behaviour Research and Therapy*, 104359.

Shan, J., Gu, Y., Zhang, J., **Hu, X.**, Wu, H., Yuan, T., & Zhao, D. * (2023). A scoping review of physiological biomarkers in autism. *Frontiers in Neuroscience*, *17*: 1269880. doi: 10.3389/fnins.2023.1269880

Jin, R., Xia, T., Gawronski, B., & **Hu, X.*** (2023). Attitudinal effects of stimulus co-occurrence and stimulus relations: Sleep supports propositional learning via memory consolidation. *Social Psychological and Personality Science*, *14*(1), 51-59. <https://doi.org/10.1177/19485506211067673>

Varma, M. M.[#], Chen, D.[#], Lin, X., Aknin, L. B., & **Hu, X.*** (2023). Prosocial behavior promotes positive emotion during the COVID-19 pandemic. *Emotion*, *23*(2), 538-553. doi: 10.1037/emo0001077

Xia, T., Antony, J.W., Paller, K.A., & **Hu, X.*** (2023). Targeted memory reactivation during sleep influences social bias as a function of slow-oscillation phase and delta power. *Psychophysiology*, *60*(5), e14224. <https://doi.org/10.1111/psyp.14224>

Xia, T., Yao, Z., Guo, X., Liu, J., Chen, D., Liu, Q. *, Paller, K.A., & **Hu, X.*** (2023). Updating memories of unwanted emotions during human sleep. *Current Biology*, *33*(2), 309-320. <https://doi.org/10.1016/j.cub.2022.12.004>

Xie, H., Lin, X., Hu, W., & **Hu, X.*** (2023). Emotion regulation promotes forgetting of negative social feedback: Behavioral and EEG evidence. *Acta Psychologica Sinica* 心理學報, *55*(6), 905-919. <https://journal.psych.ac.cn/xlxb/CN/10.3724/SP.J.1041.2023.00905> [in Chinese]

Zhang, H., Zhou, Q. Q., Chen, H., **Hu, X. Q.**, Li, W. G., Bai, Y., ... & Li, X. L. * (2023). The applied principles of EEG analysis methods in neuroscience and clinical neurology. *Military Medical Research*, *10*(1), 67. <https://doi.org/10.1186/s40779-023-00502-7>

Yu, A. P., Chin, E. C., Yu, D. J., Fong, D. Y., Cheng, C. P., **Hu, X.**, Gao, W., & Siu, P. M. * (2022). Tai Chi versus conventional exercise for improving cognitive function in older adults: a pilot randomized controlled trial. *Scientific Reports*, *12*(1), 1-15. <https://doi.org/10.1038/s41598-022-12526-5>

Geng, H., Chen, J. *, Hu, C., Jin, J., Chan, R., Li, Y., **Hu, X.**, Zhang, R. *, & Zhang, L. (2022). Promoting computation psychiatry in China. *Nature Human Behavior*, *6*, 615-617. <https://doi.org/10.1038/s41562-022-01328-4> (Comment)

Li, S.[#], Xie, H.[#], Zheng, Z., Chen, W., Xu, F., **Hu, X.**, & Zhang, D. * (2022). The causal role of the bilateral ventrolateral prefrontal cortices on emotion regulation of social feedback. *Human Brain Mapping*, *43*(9), 2898-2910. doi: 10.1002/hbm.25824

Ling, J.[#], Lin, X.[#], Li, X., Chan, N. Y., Zhang, J., Wing, Y. K., **Hu, X.***, Li, S. X. * (2022) Neural response to rewards in youths with insomnia. *SLEEP*, *45*(2), <https://doi.org/10.1093/sleep/zsab238>

Varma, M. M., & **Hu, X.*** (2022) Prosocial behaviour reduces unwanted intrusions of experimental traumatic memories. *Behaviour Research and Therapy*, 148, 103998. <https://doi.org/10.1016/j.brat.2021.103998>

Xie, H., Mo, L., Li, S., Liang, J., **Hu, X.***, & Zhang, D.* (2022) Aberrant social feedback processing and its impact on memory, social evaluation, and decision making among individuals with depressive symptoms. *Journal of Affective Disorder*, 300, 366-376. <https://doi.org/10.1016/j.jad.2022.01.020>

Rigney, A.E., Schnyer, D.M., **Hu, X.**, & Beer, J. S.* (2021). Mechanisms of a spotless self-image: Navigating negative, self-relevant feedback. *Self and Identity*, 20(8), 1057-1076. <https://doi.org/10.1080/15298868.2020.1806918>

Zeng, S.#, Lin, X.#, Wang, J., & **Hu, X.*** (2021) Sleep's short-term memory preservation and long-term affect depotentiation effect in emotional memory consolidation: behavioral and EEG evidence. *SLEEP*, 44(11), zsab155, <https://doi.org/10.1093/sleep/zsab155>

Ling, J.#, Lin, X.#, Li, X., Chan, N. Y., Zhang, J., Wing, Y.K., **Hu, X.***, & Li, S. X*. (2021) Altered brain activity related to inhibitory processing in youth with insomnia. *Journal of Sleep Research*, 30(6), <https://doi.org/10.1111/jsr.13398>

Zeng, S., Lau, E., Li, S. X., & **Hu, X.*** (2021). Sleep differentially impacts involuntary intrusion and voluntary recognition of lab-analogue traumatic memories. *Journal of Sleep Research*, 30(3), e13208. <https://doi.org/10.1111/jsr.13208>

Xie, H., **Hu, X.**, Mo, L., & Zhang, D.*. (2021) Forgetting positive social feedback is difficult: ERP evidence from a directed forgetting paradigm. *Psychophysiology*, 58(5), e13790. <https://doi.org/10.1111/psyp.13790>

Yao, Z., Lin, X., & **Hu, X.*** (2021) Optimistic amnesia: How online and offline processing shape belief updating and memory biases in immediate and long-term optimism biases. *Social Cognitive & Affective Neuroscience*, 16(5), 453-462. <https://doi.org/10.1093/scan/nsab011>

Dhammapeera, P., **Hu, X.**, & Bergstrom, Z. M.* (2020). Imagining a false alibi impairs concealed memory detection with the autobiographical implicit association test. *Journal of Experimental Psychology, Applied*, 26(2), 266–282. <https://doi.org/10.1037/xap0000250>

Hu, X.*, Cheng, L. Y., Chiu, M. H., & Paller, K.A. (2020). Promoting memory consolidation during sleep: A meta-analysis of targeted memory reactivation. *Psychological Bulletin*, 146(3), 218-244. <https://doi.org/10.1037/bul0000223>

Xie, H., Chen, Y., Lin, Y., **Hu, X.***, & Zhang, D.* (2020). Can't Forget: Disruption of the right prefrontal cortex impairs voluntary forgetting in a recognition test, *Memory*, 28, 60-69, <https://doi.org/10.1080/09658211.2019.1681456>

Lucas, H.D.,*, Creery, J. D., **Hu, X.**, & Paller, K.A.* (2019) Grappling with implicit social bias: A perspective from memory research. *Neuroscience*.
<https://doi.org/10.1016/j.neuroscience.2019.01.037>

Yuan, J., **Hu, X.***, Chen, J., Bodenhausen, G.V., & Fu, S.* (2019). One of us? How facial and symbolic cues to own- versus other-race membership influence access to perceptual awareness. *Cognition* 184, 19-27. <https://doi.org/10.1016/j.cognition.2018.12.003>

Gawronski, B.* , Rydell, R. J., De Houwer, J., Brannon, S. M., Ye, Y., Vervliet, B., & **Hu, X.** (2018). Contextualized attitude change. *Advances in Experimental Social Psychology*, 57. 1-52. <https://doi.org/10.1016/bs.aesp.2017.06.001>

Sai, L., Wu, H., **Hu, X.***, & Fu, G.* (2018). Telling a truth to deceive: Examining executive control and reward-related processes underlying interpersonal deception. *Brain and Cognition*, 125, 149-156. <https://doi.org/10.1016/j.bandc.2018.06.009>

Hu, X.*, Bergström, Z.M., Gagnepain, P., & Anderson, M.C. (2017). Suppressing unwanted memories reduces their unintended influences. *Current Directions in Psychological Science*, 26, 197-206. doi: 10.1177/0963721417689881

Hu, X.*, Gawronski, B., & Balas, R. (2017). Propositional versus dual-process accounts of evaluative conditioning: I. The effects of co-occurrence and relational information on implicit and explicit evaluations. *Personality and Social Psychology Bulletin*, 43, 17-32. doi: 10.1177/0146167216673351

Hu, X.*, Gawronski, B., & Balas, R. (2017). Propositional versus dual-process accounts of evaluative conditioning: II. The effectiveness of counter-conditioning and counter-instructions in changing implicit and explicit evaluations. *Social Psychological and Personality Science*, 8. 858-866. doi:10.1177/1948550617691094

Yuan, J.#, **Hu, X.#**, Lu, Y., Bodenhausen, G. V., & Fu, S.* (2017). Invisible own- and other-race faces presented under continuous flash suppression produce affective response biases. *Consciousness and Cognition*, 48, 273-282. <http://dx.doi.org/10.1016/j.concog.2016.12.012>

Gawronski, B.* , Balas, R., & **Hu, X.** (2016). What do I know about it versus how do I feel about it? A theoretical analysis of response processes in evaluative conditioning. *Social Cognition*, 34, 357-381. doi: 10.1521/soco.2016.34.5.357

Lai, C. K.* , Skinner, A. L., Cooley, E., Murrar, S., Brauer, M., Devos, T., Calanchini, J., Xiao, Y. J., Pedram, C., Marshburn, C. K., Simon, S., Blanchar, J. C., Joy-Gaba, J. A., Conway, J., Redford, L., Klein, R. A., Roussos, G., Schellhaas, F. M. H., Burns, M., **Hu, X.**, McLean, M. C., Axt, J. R., Asgari, S., Schmidt, K., Rubinstein, R., Marini, M., Rubichi, S., Shin, J. L., & Nosek, B. A. (2016). Reducing implicit racial preferences: II. Intervention effectiveness across time. *Journal of Experimental Psychology: General*, 145, 1001-1016.
<http://dx.doi.org/10.1037/xge0000179>

Sai, L., Lin, X., Rosenfeld, J. P., Sang, B., **Hu, X.**^{*}, & Fu, G.^{*} (2016). A novel, ERP-based concealed information test: Combining recognition- and feedback-evoked ERPs. *Biological Psychology*, *114*, 13-22. doi:10.1016/j.biopsycho.2015.11.011.

Hu, X., Antony, J. W., Creery, J. D., Vargas, I. M., Bodenhausen, G. V., & Paller, K. A.^{*} (2015). Unlearning implicit social biases during sleep. *Science*, *348*, 1013-1015. doi: 10.1126/science.aaa3841.

Hu, X.^{*}, Bergström, Z. M., Bodenhausen, G. V., & Rosenfeld, J. P. (2015). Suppressing unwanted autobiographical memories reduces their automatic influences: Evidence from electrophysiology and an implicit autobiographical memory test. *Psychological Science*, *26*, 1098-1106. doi: 10.1177/0956797615575734.

Hu, X.[#], Pornpattananangkul, N.[#], & Nusslock, R. (2015). Executive control- and reward-related neural processes associated with the opportunity to engage in voluntary dishonest moral decision making. *Cognitive Affective & Behavioral Neuroscience*, *15*, 475-491. doi: 10.3758/s13415-015-0336-9.

Gawronski, B., **Hu, X.**, Rydell, R. J., Vervliet, B., & De Houwer, J. (2015). Generalization and contextualization in automatic evaluation revisited: A meta-analysis of successful and failed replications. *Journal of Experimental Psychology: General*, *144*, e50-e64. <http://dx.doi.org/10.1037/xge0000079>.

Pornpattananangkul, N.[#], **Hu, X.**[#], & Nusslock, R. (2015). Threat/reward-sensitivity and hypomanic-personality modulate cognitive-control and attentional neural processes to emotional stimuli. *Social Cognitive & Affective Neuroscience*, *10*. 1525-1536. doi:10.1093/scan/nsv042.

Hu, C.^{*}, Huang, K., **Hu, X.**, Liu, Y., Yuan, F., Wang, Q., & Fu, G.^{*} (2015). Measuring the cognitive resources consumed per second for real-time lie-production and recollection: a dual-tasking paradigm. *Frontiers in Psychology*. doi: 10.3389/fpsyg.2015.00596.

Wang, Q., Chen, G., Hu, C., **Hu, X.**^{*}, & Fu, G.^{*} (2014). Implicit racial attitudes influence perceived emotional intensity on other-race faces. *PLOS ONE*, *9*, e105946. doi:10.1371/journal.pone.0105946.

Sai, L., Lin, X., **Hu, X.**^{*}, & Fu, G.^{*} (2014). Detecting concealed information using feedback related event-related brain potentials. *Brain and Cognition*, *90*, 142-150. doi:10.1016/j.bandc.2014.06.012.

Dietrich, A. B., **Hu, X.**, & Rosenfeld, J. P.^{*} (2014). The effects of sweep numbers per average and protocol type on the accuracy of the P300-based concealed information test. *Applied Psychophysiology and Biofeedback*, *39*, 67-73. doi: 10.1007/s10484-014-9244-y.

Rosenfeld, J. P.^{*}, **Hu, X.**, Labkovsky, E., Meixner, J., & Winograd, M.R. (2013). Review of recent studies and issues regarding the P300-based complex trial protocol for detection of concealed information. *International Journal of Psychophysiology*, *90*, 118-134. doi: 10.1016/j.ijpsycho.2013.08.012.

Hu, X. *, Pornpattananangkul, N., & Rosenfeld, J.P. (2013). N200 and P300 as orthogonal and integrable indicators of distinct awareness and recognition processes in memory detection. *Psychophysiology*, *50*, 454-464. doi: 10.1111/psyp.12018.

Wu, H., Tang, P., Huang, X., **Hu, X.**, & Luo, Y. * (2013). Differentiating electrophysiological response to decrease and increase negative emotion regulation. *Chinese Science Bulletin*, *58*, 1543-1550. <https://doi.org/10.1007/s11434-013-5746-x>

Hu, X. *, Evans, A., Wu, H., Lee, K., & Fu, G. * (2013). An interfering dot-probe task facilitates the detection of mock crime memory in a reaction time (RT)-based concealed information test. *Acta Psychologica*, *142*, 278-285. <http://dx.doi.org/10.1016/j.actpsy.2012.12.006>.

Hu, X., Chen, H., & Fu, G. * (2012). A repeated lie becomes a truth? The effect of intentional control and training on deception. *Frontiers in Psychology*, *3*, 488. <https://doi.org/10.3389/fpsyg.2012.00488>

Rosenfeld, J.P. *, **Hu, X. ***, & Pederson, K. (2012). Deception awareness improves P300-based deception detection in concealed information tests. *International Journal of Psychophysiology*, *86*, 114-121. <https://doi.org/10.1016/j.ijpsycho.2012.06.007>

Hu, X. *, Rosenfeld, J. P., & Bodenhausen, G. V. (2012). Combating automatic autobiographical associations: The effect of instruction and training in strategically concealing information in the autobiographical implicit association test. *Psychological Science*, *23*, 1079-1085. <https://doi.org/10.1177/0956797612443834>

Hu, X. *, & Rosenfeld, J. P. (2012). Combining the P300-complex trial-based concealed information test and the reaction time-based autobiographical implicit association test in concealed memory detection. *Psychophysiology*, *49*, 1090-1100. <https://doi.org/10.1111/j.1469-8986.2012.01389.x>

Hu, X. *, Hegeman, D., Landry, E., & Rosenfeld, J. P. (2012). Increasing the number of irrelevant stimuli increases ability to detect countermeasures to the P300-based complex trial protocol for concealed information detection. *Psychophysiology*, *49*, 85-95. <https://doi.org/10.1111/j.1469-8986.2011.01286.x>

Hu, X., Wu, H., & Fu, G. * (2011). Temporal course of executive control when lying to self- and other-referential information: An ERP study. *Brain Research*, *1369*, 149-157. <https://doi.org/10.1016/j.brainres.2010.10.106>

Wu, H., **Hu, X.**, & Fu, G. * (2009). Does willingness affect the N2-P3 effect of deceptive and honest responses? *Neuroscience Letter*, *467*, 63-66. <https://doi.org/10.1016/j.neulet.2009.10.002>

Hu, X., Fu, G., & Shi, Z. (2009). Mirror neuron system (MNS): Retrospect and prospect. *Advances in Psychological Science*, *17*, 118-125. [in Chinese]

Hu, X., & Fu, G. (2009). Event-related potentials in deception detection: A review. *Chinese Journal of Clinical Psychology*, *17*, 194-196. [in Chinese]

Zhang, X., Xie, M., **Hu, X.**, Ge, S., & Zheng, Q. (2006). Computer game addiction of the undergraduates and its influential factors. *Chinese Journal of Clinical Psychology, 14*, 150-152. [in Chinese]

Conference/Symposium Research Talks

Zuo, X., Lin, X., Yue, Y., Li, X., & **Hu, X.** (2024, September). Compromised active forgetting in individuals with insomnia: Behavioural and EEG evidence. Oral presentation at Sleep Europe 2024 (ESRS2024), Seville, Spain.

Zeng, S., Sit, H-F., Bottary, R., Cunningham, T., Schott, E., Li, X. S., & **Hu, X.** (2024, June). The temporal dynamics of emotional memory and reactivity in patients with insomnia disorder. 2024 SLEEP, Houston, TX, USA.

Liu, J., & **Hu, X.** (2023, April). *Sequentially reactivated memory representations during sleep support long-term associative memory*. Oral presentation at 2023 International Conference on Learning and Memory (LEARNMEM2023), Huntington Beach, CA, USA.

Xia, T., Yao, Z., Guo, X., Liu, J., Chen, D., Liu, Q., & **Hu, X.** (2022, Nov). *Affect updating of unwanted memories during human NREM sleep*. Oral presentation (Nano Symposium) at Neuroscience 2022, Annual Meeting of Society for Neuroscience, San Diego, CA, USA.

Hu, X. (2022, September). *Targeted memory reactivation during sleep: mechanisms and applications*. 14th Symposium of Chinese Sleep Research Society, Chengdu, China. Virtual.

Hu, X. (2021, November). *Controlling unwanted memories*. NSFC-RCG Young Scholar Forum. Hong Kong SAR, China.

Hu, X. (2021, November). *Intervention of emotion memory, sleep and psychiatric disorders*. International Symposium on New Advances in Psychiatry, Beijing, China. Virtual

Hu, X., & Lin, X. (2021, September). *Neurocognitive mechanism of emotional memory suppression*. 20th World Congress of Psychophysiology, Chengdu, China. Virtual

Hu, X. (2021, May). *The impact of sleep vs. sleep deprivation on emotional memories*. 3rd Congress of Asia Society of Sleep Medicine, Beijing, China. Virtual

Ling, J. Cheung, T.M.F., Sun, W., Yang, X., Wei, J., **Hu, X.**, & Li, X. (2019, September) *The role of REM sleep in the formation of emotional false memory – An experimental study using Deese-Roediger-McDermontt (DRM) paradigm*. World Sleep 2019 Congress, Vancouver, Canada.

Hu, X., Cheng, L., Chiu, M., & Paller, K. A. (2019, September). *Targeted memory reactivation: A meta-analysis*. The International Sleep Replay Workshop, Evanston, IL. USA.

Hu, X., Cheng, L., Paller, K. A. (2018, March). *Biassing memory replay during sleep: A quantitative synthesis of Targeted Memory Reactivation effects*. The 25th Annual Meeting of Cognitive Neuroscience Society, Boston, MA. USA.

Hu, X. (2017, November). *Cognitive and motivational processes in deception*. The First Southeast Asia Regional Conference of Psychology, Hanoi, Vietnam.

Gawronski, B., **Hu, X.**, Rydell, R. J., Vervliet, B., & De Houwer, J. (2017, July). *Contextualized change of automatic evaluations: What we learned from our own file drawer*. The 18th General Meeting of the European Association of Social Psychology, Granada, Spain.

Rigney, A.E., Schnyer, D.M., **Hu, X.**, & Beer, J.S. (2017, January). *What you don't remember can hurt you: Unwanted and "forgotten" self-relevant memories elicit distinct ERP memory trace*. The 18th Annual Meeting of the Society for Personality and Social Psychology, San Antonio, TX, USA.

Hu, X., Gawronski., & Balas, R. (2016, July). *The effectiveness of counterconditioning and instructions in changing implicit and explicit evaluations*. The European Association of Social Psychology, Cologne, Germany.

Bergström, Z. M., & **Hu, X.** (2016, July). *Retrieval control strategies for evading forensic memory detection*. The 6th International Conference on Memory, Budapest, Hungary.

Hu, X., Gawronski, B., & Balas, R. (2016, June). *Associative and propositional processes in the formation and change of implicit and explicit evaluations*. The 42nd Society for Philosophy and Psychology, Austin, TX, USA.

Hu, X., Antony, J. W., Creery, J. D., Vargas, I. M., Bodenhausen, G. V., & Paller, K. A. (2016, May). *Reactivating counter-bias training during slow-wave sleep reduces implicit social biases*. The 28th Annual Convention of Association for Psychological Science, Chicago, IL, USA.

Hu, X., Gawronski, B., & Balas, R. (2015, June). *Associative and propositional processes in evaluative conditioning: Effects of relational information and reinforcement*. The Small Group Meeting on Associative and Propositional Learning, Warsaw, Poland.

Hu, X., Bergström, Z. M., Bodenhausen, G. V., & Rosenfeld, J. P. (2015, May). *Suppressing unwanted autobiographical memories reduces their automatic influences: Evidence from electrophysiology and an implicit autobiographical memory test*. The 27th Annual Convention of Association for Psychological Science, New York, NY, USA.

Hu, X., Antony, J. W., Creery, J. D., Vargas, I. M., Bodenhausen, G. V., & Paller, K. A. (2015, February). *Unlearning implicit social biases during sleep*. The Social Cognition Preconference at the 16th Annual Meeting of the Society for Personality and Social Psychology, Long Beach, CA, USA.

Hu, X., & Bodenhausen, G. V. (2014, May). *The effect of counter-prejudice training in implicit prejudice regulation*. Annual Meeting of the Midwestern Psychological Association, Chicago, IL, USA.

Nusslock, R., Young, C. B., Pornpattananankul, N., **Hu, X.,** Parrish, T., & Reynolds, E. (2013, May). *Abnormalities in reward-related brain activity in subsyndromal bipolar disorder*. The 68th Annual Meeting of the Society of Biological Psychiatry, San Francisco, CA, USA.

Rosenfeld, J. P. **Hu, X.,** & Labkovsky, E. (2012, September). *Enhancements to the P300 complex trial concealed information test protocol*. The 16th World Congress of Psychophysiology, Pisa, Italy.

Hu, X., Fu, G., Zhu, Y., Du, Y., & Ye, X. (2007, November). *Separating recognition and decision to lie: An updated paradigm in detecting concealed autobiographical information using event-related potentials*. The 11th National Academic Congress of Psychology, Kaifeng, China.

Conference Posters

Chen, D., Xia, T., & Hu, X. (2024, September). *Modifying Evaluative Decision-Making During Human Sleep*. Poster presented at Sleep Europe 2024, Seville, Spain

Liu, J., & Hu, X. (2024, September). *Memory representational transformation during human overnight sleep*. Poster presented at Sleep Europe 2024, Seville, Spain

Jin, X., Zuo, X., Xia, T., & Hu, X. (2024, September). *Modulating Sleep Spindle via Closed-Loop Auditory Stimulation*. Poster presented at Sleep Europe 2024, Seville, Spain

Tsang, Y. C., Xia, T., & Hu, X. (2024, September). *The Temporal Proximity Effect of Sleep on Emotional Interference*. Poster presented at Sleep Europe 2024, Seville, Spain

Zhang, Y., & Hu, X. (2024, September). *Unveiling the role of sleep in the processing of trauma-analogue memories*. Poster presented at Sleep Europe 2024, Seville, Spain

Zuo, X., Lin, X., Yue, Y., Li, X., & Hu, X. (2024, September). *Compromised active forgetting in individuals with insomnia: Behavioural and EEG evidence*. Poster presented at Sleep Europe 2024, Seville, Spain

Chen, D., Yao, Z., & Hu, X. (2023, April). *N400 during social norms learning predicts delayed social conformity*. Poster presented at 2023 International Conference on Learning and Memory, Huntington Beach, CA, USA.

Xia, T., Chen, D., Zeng, S., & Hu, X. (2023, April). *Reactivating competing emotional memories during sleep differentially modulates consolidated unwanted memories and their affect responses*. Poster presented at 2023 International Conference on Learning and Memory, Huntington Beach, CA, USA.

Yao, Z., Xia, T., Lin, X., & Hu, X. (2023, April). *Reactivating positive personality traits during sleep impacts self-evaluative memories*. Poster presented at 2023 International Conference on Learning and Memory, Huntington Beach, CA, USA.

Yue, W. W. Y. & Hu, X. (2023, April). *Would we lose our memory of event duration when we have forgotten the event content?* Poster presented at 2023 International Conference on Learning and Memory, Huntington Beach, CA, USA.

Zhang, L., Xia, T., & Hu, X. (2023, April). *Endogenous and exogenous memory reactivation in human sleep*. Poster presented at 2023 International Conference on Learning and Memory, Huntington Beach, CA, USA.

Jin, R., Xia, T., Gawronski, B., & Hu, X. (2023, February). *Attitudinal effects of stimulus co-occurrence and stimulus relations: Sleep supports propositional learning via memory consolidation*. Poster accepted at the 2023 Annual Convention of the Society for Personality and Social Psychology, Atlanta, Georgia.

Chen, D., Yao, Z., & Hu, X. (2022, Nov). *N400 during social norms learning predicts delayed social conformity*. Poster presented at Neuroscience 2022, Annual Meeting of Society for Neuroscience, San Diego, CA, USA.

Liu, J., & Hu, X. (2022, Nov). *Pre-sleep testing weakens the targeted memory reactivation beneficial effect*. Poster presented at Neuroscience 2022, Annual Meeting of Society for Neuroscience, San Diego, CA, USA.

Xie, H., Lin, X., & Hu, X. (2022, Nov). *Can emotion regulation facilitate subsequent control of unwanted memories?* Poster presented at Neuroscience 2022, Annual Meeting of Society for Neuroscience, San Diego, CA, USA.

Zeng, S., Sit, H., Li, S. & Hu, X. (2022, Nov). *Examining emotional memory processing among insomnia patients*. Poster presented at Neuroscience 2022, Annual Meeting of Society for Neuroscience, San Diego, CA, USA.

Yao, Z., Wei, J., Huang, G., Li, L., Liang, Z., Zhang, Z., & Hu, X. (2022, Nov). *Frontal gamma but not alpha frequency band transcranial alternating current stimulation (tACS) modulates immediate and delayed optimism biases*. Poster presented at Neuroscience 2022, Annual Meeting of Society for Neuroscience, San Diego, CA, USA.

Guo, S., Chen, D. & Hu, X. (2022, Oct). *The Role of Familiarity and Memory Recollection in Decreasing the Continued Influence Effect of Misinformation: An Electrophysiological Investigation*. Poster presented at Society for Psychophysiological Research, Vancouver, BC, Canada.

Chen, D., Yao, Z., & Hu, X. (2022, May) *Is conformity public compliance or implicit acceptance? Evidence from EEG representation similarity analyses.* Poster presented at the 2022 Annual Meeting of Social and Affective Neuroscience Society, Virtual.

Varma, M. M., & Hu, X. (2021, February). *Prosocial behavior reduces unwanted intrusions of experimental traumatic memories.* Poster presented at the 2021 Annual Convention of Association for Psychological Science, Virtual.

Chen, D., Varma, M. M., Lin, X., Aknin, L.B., & Hu, X. (2021, February). *Prosocial behavior enhances positive affect during COVID-19.* Poster presented at the 2021 Society for Personality and Social Psychology Virtual Annual Convention, Online.

Varma, M. M., & Hu, X. (2021, February). *Prosocial behavior reduces unwanted intrusions of experimental traumatic memories.* Poster presented at the 2021 Society for Personality and Social Psychology Virtual Annual Convention, Online.

Jin, R., & Hu, X. (2020, February). *Training reduces implicit gender stereotype over 12 hours and 3 days, and sleep on it helps.* Poster presented at the 21st Annual Meeting of the Society for Personality and Social Psychology, New Orleans, LA. USA.

Yao, Z., & Hu, X. (2020, February). *Judgment and memory biases in valence dependent belief updating.* Poster presented at the 21st Annual Meeting of the Society for Personality and Social Psychology, New Orleans, LA. USA.

Xia, T., & Hu, X. (2019, June). *Theta and spindle oscillations are associated with social bias reduction during sleep.* Poster presented at the 2019 Annual meeting of Organization for Human Brain Mapping, Rome, Italy.

Yao, Z., & Hu, X. (2019, March). *Electrophysiological activity underlying optimism biases during belief updating.* Poster presented at the 26th Annual Meeting of Cognitive Neuroscience Society, San Francisco, CA. USA.

Lin, X., Yao, Z., & Hu, X. (2019, March) *Unravelling neurocognitive processes underlying the suppression of unwanted emotional memories.* Poster presented at the 26th Annual Meeting of Cognitive Neuroscience Society, San Francisco, CA. USA.

Zeng, S., Lin, X., & Hu, X. (2019, March) *Examining immediate and long-term effects of sleep vs. sleep deprivation on emotional memory: Behavioral and electrophysiological evidence.* Poster presented at the 26th Annual Meeting of Cognitive Neuroscience Society, San Francisco, CA. USA.

Hu, X., Cheng, L., & Paller, K.A. (2018, March). *Biasing memory replay during sleep: A quantitative synthesis of targeted memory reactivation effects.* Poster presented at the 25th Annual Meeting of Cognitive Neuroscience Society, Boston, MA. USA.

Fang, X., Rigney, A.E., & **Hu, X.** (2018, March). *Unraveling the temporal dynamics of self-enhancing memories*. Poster presented at the 19th Annual Meeting of the Society for Personality and Social Psychology, Atlanta, GA. USA.

Cheng, S., Fang, X., & **Hu, X.** (2018, March). *The effect of retrieval-induced forgetting in regulating distressful thoughts*. Poster presented at the 19th Annual Meeting of the Society for Personality and Social Psychology, Atlanta, GA. USA.

Sai, L., Wu, H., **Hu, X.**, & Fu, G. (2017, October). *Neurocognitive mechanisms underlying interpersonal deception*. Poster presented at 57th Annual Meeting of Society for Psychophysiological Research, Vienna, Austria.

Zhu, X., Sun, W., Ling, J., **Hu, X.**, & Li, S.X. (2017, October). *Thought control ability as mediator of the relationship between insomnia and depression and anxiety symptoms*. Poster presented at the Annual Meeting of World Association of Sleep Medicine, Prague, Czech.

Hu, X., & Gawronski, B. (2017, January). *The effectiveness of counterconditioning and instructions in changing implicit and explicit evaluations*. Poster at the Social Cognition Preconference at the 18th Annual Meeting of the Society for Personality and Social Psychology, San Antonio, TX. USA.

Rigney, A.E., Schnyer, D.M., **Hu, X.**, & Beer, J.S. (2016, April). *What you don't remember can hurt you: Unwanted and "forgotten" self-relevant memories elicit distinct ERP memory trace*. Poster presented at the 9th Annual Meeting of the Social & Affective Neuroscience Society, New York City, NY. USA.

Hu, X., & Gawronski, B. (2016, January). *The effectiveness of counterconditioning and instructions in changing implicit and explicit evaluations*. Poster at the 17th Annual Meeting of the Society for Personality and Social Psychology, San Diego, CA. USA.

Hu, X., Yuan, J., Bodenhausen, G. V., & Fu, S. (2015, February). *Unconscious social categorization biases perceptual and evaluative processes*. Poster presented at 16th Annual Meeting of the Society for Personality and Social Psychology, Long Beach, CA. USA.

Pornpattananangkul, N., **Hu, X.**, & Nusslock, R. (2014, September). *Threat/reward sensitivity and hypomanic personality modulate cognitive-monitoring to incongruent affective stimuli*. Poster presented at the 28th Annual Meeting of the Society for Research in Psychopathology, Evanston, IL. USA.

Hu, X., & Rosenfeld, J. P. (2014, September). *The effect of memory suppression in P300-based concealed information test*. Poster presented at 54th Annual Meeting of Society for Psychophysiological Research, Atlanta, GA. USA.

Hu, X., Pornpattananangkul, N., & Nusslock, R. (2014, April). *Executive control- and reward-related processes in voluntary deception*. Poster presented at the 21st Annual Meeting of the Cognitive Neuroscience Society, Boston, MA. USA.

Nusslock, R., Pornpattananangkul, N., & **Hu, X.** (2014, March). *Behavioral inhibition sensitivity modulates emotion processing during inhibitory control*. Poster presented at the 33rd Annual Meeting of the Anxiety and Depression Association of America, Chicago, IL. USA.

Hu, X., & Bodenhausen, G. V. (2014, February). *The effect of counter-evaluative and counter-stereotypical training in implicit prejudice regulation*. Poster presented at 15th Annual Meeting of the Society for Personality and Social Psychology, Austin, TX. USA.

Pornpattananangkul, N., **Hu, X.**, Reynolds, E., & Nusslock, R. (2013, April). *Behavioral activation, inhibition, and hypomanic personality moderate neurocognitive components during an emotional Go/Nogo task*. Poster presented at the 20th Annual Meeting of the Cognitive Neuroscience Society, San Francisco, CA. USA.

Hu, X., Pornpattananangkul, N., Reynolds, E., & Nusslock, R. (2013, April). *Feedback-related negativity and reward sensitivity predict spontaneous cheating behavior*. Poster presented at the 6th Annual Meeting of the Social & Affective Neuroscience Society, San Francisco, CA. USA.

Hu, X., Pornpattananangkul, N., Nusslock, R., & Bodenhausen, G. V. (2013, January). *Reward sensitivity and moral self-concept predict dishonest behavior*. Poster presented at 14th Annual Meeting of the Society for Personality and Social Psychology, New Orleans, LA. USA.

Hu, X., & Rosenfeld, J. P. (2012, September). *Combining the P300-complex trial-based concealed information test and the reaction time-based autobiographical implicit association test in concealed memory detection*. Poster presented at 52nd Annual Meeting of Society for Psychophysiological Research, New Orleans, LA. USA.

Hu, X., Chen, H., & Fu, G. (2011, September). *The practice effect on deception: Behavioral and electrophysiological evidence*. Poster presented at 51st Annual Meeting of Society for Psychophysiological Research, Boston, MA. USA.

Hu, X., Hegeman, D., Landry, E., Rosenfeld, J. P., Winograd, M., Sokolovsky, A., & Labkovsky, E. (2010, October). *Reaction time and P300 and conducting four or six lumping countermeasures to eight irrelevant in the complex trial protocol*. Poster presented at 50th Annual Meeting of Society for Psychophysiological Research, Portland, OR. USA.

Labkovsky, E., Rosenfeld, J. P., & **Hu, X.** (2010, October). *Investigating the P900 component with 5-button complex trial protocol for detection of deception*. Poster presented at 50th Annual Meeting of Society for Psychophysiological Research, Portland, OR. USA.

Hu, X., Fu, G., & Wu, H. (2009, October). *The N2 effect in truthful and deceptive responses to autobiographical information*. Poster presented at 49th Annual Meeting of Society for Psychophysiological Research, Berlin, Germany.

Wu, H., Fu, G., & **Hu, X.** (2009, October). *Effect of willingness on deceptive and honest responses in a two-stimulus paradigm: An ERP study*. Poster presented at 49th Annual Meeting of Society for Psychophysiological Research, Berlin, Germany.

Hu, X., Fu, G., Luo, Y., & Shi, Z. (2008, November). *Understanding the neural underpinnings of autism spectrum disorder from its correlation with mirror neuron system*. Poster presented at the 2008 Asian-Pacific Conference of Mind Brain and Education, Nanjing, China.

Hu, X., Zhu, Y., Wu, H., Fu, G., & Ding, X. (2007, December). *Contemporary trends in deception detection using polygraph, event-related potentials and functional magnetic resonance imaging*. Poster presented at the Zhejiang Conference of Psychology, Hangzhou, China.

Du, Y., Fu, G., Ye, X., Zhu, Y., & **Hu, X.** (2007, November). *Research on the validity of guilty movement test in lie detection*. Paper presented at the 11th National Academic Congress of Psychology, Kaifeng, China.

Shimada, Y., Ding, X., **Hu, X.**, Fu, G., & Itakura, S. (2006, July). *Adults' affinity with infant sound: Effect of long term experience and short term experience of sound*. Poster presented at the Biennial International Conference on Infant Studies, Kyoto, Japan.

INVITED RESEARCH TALKS

Dec 2022	Department of Chinese and Bilingual Studies, The Hong Kong Polytechnic University, China
Sept 2021	Medical Biodynamics Program, Harvard Medical School, US (virtual)
Sept 2021	The Key Laboratory of Mental Health, Chinese Academy of Science, China (virtual)
Dec 2019	IDG/McGovern Institute for Brain Research, Beijing Normal University, China
Dec 2019	IDG/McGovern Institute for Brain Research, Peking University, China
Nov 2019	Department of Biomedical Engineering, SUSTech, China
May 2019	School of Psychological Science, Hangzhou Normal University, China
Nov 2018	Department of Psychology, Kyoto University, Japan
Oct 2018	School of Psychological Science, South China Normal University, China
July 2018	Center for Brain and Cognition, Liaoning Normal University, China
Mar 2018	Department of Psychology, Hangzhou Normal University, China
Aug 2017	Institute of Psychology, Chinese Academy of Science, China
June 2017	Faculty of Psychology, Southwest University, China
Nov 2016	Department of Applied Social Sciences, City University of Hong Kong, China
Oct 2016	School of Life Science, University of Electronic Science and Technology of China, China
Sep 2016	College of Psychology and Sociology, Shenzhen University, China
Aug 2016	Department of Rehabilitation Science, Hong Kong Polytechnic University, China
Apr 2016	Department of Psychology, The University of Hong Kong, China
Feb 2016	Department of Psychology, National University of Singapore, Singapore
Jan 2016	Institute of Psychology, Chinese Academy of Science, China
Dec 2015	Department of Psychology, University of New South Wales, Australia
Dec 2015	Department of Psychology, Notre Dame University, US
Oct 2015	Life Science Center, Peking University, China

Oct 2015 Department of Psychology, Peking University, China
 July 2015 Department of Psychology, East China Normal University, China
 July 2015 Department of Psychology, Beijing Normal University, China
 July 2015 Department of Psychology, Peking University, China
 June 2015 Institute of Psychology, Chinese Academy of Science,, China
 June 2015 Department of Psychology, Tsinghua University, China
 June 2015 Department of Psychology, Hangzhou Normal University, China
 June 2015 Department of Psychology, Zhejiang Normal University, China
 June 2015 Department of Psychology, Zhejiang University, China
 June 2015 Department of Psychology, Zhejiang Sci & Tech University, China

PROFESSIONAL AFFILIATIONS

Member, Association for Psychological Science (APS)
 Member, Cognitive Neuroscience Society (CNS)
 Member, Sleep Research Society (SRS)
 Member, Society for Psychophysiological Research (SPR)
 Member, Social and Affective Neuroscience Society (SANS)
 Member, Society for Personality and Social Psychology (SPSP)

SERVICE

Chair, Department of Psychology, Departmental Research Postgraduate Committee, 09/2024- present
 Co-Leader, Faculty of Social Sciences, Population, Wellbeing & Human Behavior Research Theme, 2024-present
 Member, Faculty of Social Sciences, Faculty Research Advisory Panel, 2024-present
 Member, Faculty of Social Sciences, Curriculum Development Advisory Panel, 2023-present
 Director, Master in Social Science (Psychology) Program, 07/2022-08/2024
 Member, Department of Psychology, Departmental Research Postgraduate Committee, 09/2018- 08/2024 (Acting Chair, 01/2022- 08/2022)
 Member, Department of Psychology, Research Ethics Committee, 07/2016-08/2018

EDITORIAL SERVICE

Editorial Board

2024- present *Fundamental Research*
 2022- present *Communications Psychology*
 2022- present *Chinese Journal of Applied Psychology* 應用心理學
 2018- present *Acta Psychologica Sinica* 心理學報
 2018- 2020 *Asian Journal of Social Psychology*

Ad Hoc Reviewer – Book Proposals

Cambridge University Press
Elsevier/Academic Press

Ad Hoc Reviewer - Grant & Fellowship Proposals

Czech Science Foundation
National Natural Science Foundation of China
Research Foundation – Flanders (FWO)
Swiss National Science Foundation
United States National Science of Foundation

Ad Hoc Reviewer – Journal Articles

Nature Human Behaviour, Psychological Bulletin, Current Biology, Journal of Neuroscience, Neuroscience Imaging, NeuroImage, SLEEP, Neuroscience & Biobehavioral Review, among others.

Full list:

Advances in Psychological Science, Asian Journal of Social Psychology, Behavior Research Method, Biological Psychology, Brain Imaging and Behavior, Clinical Psychological Science, Clinical Psychology and Psychotherapy, Cognition, Cognitive, Affective, and Behavioral Neuroscience, Cognitive Neuropsychology, Communications Biology, Cerebral Cortex, Cortex, Current Directions in Psychological Science, Drug and Alcohol Dependence, European Journal of Social Psychology, Frontiers in Human Neuroscience, Frontiers in Behavioral Neuroscience, Frontiers in Psychology, Human Brain Mapping, iScience, International Journal of Psychophysiology, IEEE Transactions on Information Forensics and Security, Journal of Neuroscience, Media Psychology, Memory, Nature Human Behavior, NeuroImage, Neuroscience, Neuroscience & Biobehavioral Review, Neuroscience Bulletin, Journal of Applied Research in Memory and Cognition, Journal of Experimental Psychology General, Journal of Experimental Social Psychology, Journal of Personality and Social Psychology, Journal of Sleep Research, PLOS ONE, PsyCh Journal, Psychological Bulletin, Psychology & Marketing, Psychoneuroendocrinology, Psychophysiology, SLEEP, Sleep Medicine Reviews, Scientific Report, Social Cognitive & Affective Neuroscience, Social Neuroscience, Substance Abuse Treatment, Prevention and Policy

TEACHING ACTIVITIES

2024 Fall	Seminar in Social Psychology (Postgraduate Level)
2024 Fall	Social Psychology (Postgraduate Level)
2024 Spring	Seminar in Cognitive Psychology (Postgraduate Level)
2023 Fall	Seminar in Social Psychology (Postgraduate Level)
2023 Fall	Social Psychology (Postgraduate level)
2022 Spring	Developmental Neuroscience (200-level)
2022 Fall	Seminar in Social Psychology (Postgraduate Level)
2022 Fall	Social Psychology (Postgraduate level)

2022 Spring Developmental Neuroscience (200-level)
 2021 Fall Seminar in Social Psychology (Postgraduate Level)
 2021 Fall Social Psychology (Postgraduate level)
 2020 Fall Seminar in Social Psychology (Postgraduate Level)
 2020 Fall Social Psychology (Postgraduate level)
 2020 Fall Developmental Neuroscience (200-level)
 2019 Fall Seminar in Social Psychology (Postgraduate Level)
 2019 Fall Social Psychology (Postgraduate level)
 2019 Spring Introduction to Psychology (100-level)
 2019 Spring Seminar in Social Psychology (Postgraduate Level)
 2018 Fall Social Psychology (Postgraduate level)
 2018 Spring Advanced Social Psychology (300-level)
 2018 Spring Seminar in Social Psychology (Postgraduate Level)
 2017 Fall Social Psychology (Postgraduate Level)
 2017 Spring Seminar in Social Psychology (Postgraduate Level)
 2016 Fall Social Psychology (Postgraduate level)
 2012 Fall Introduction to Neuroscience (200-level)

SUPERVISION

Postdoctoral Fellows

2023-present Dr. Ziqing Yao
 2022-present Dr. Qiyu Zheng
 2022-present Dr. Tao Xia
 2021-2022 Dr. Jing Liu (RGC Postdoctoral Fellow, now Research Assistant Professor at
 The Hong Kong Polytechnic University)
 2021-2022 Dr. Haiyang Geng (now Research Scientist at TCCI, Shanghai).

Graduate Students (Ph.D.)

2024- present Jiahui Li
 2024- present Xibo Zuo
 2023- present Zexuan Evokee Mu
 2023- present Yuqi Zhang
 2021- present Sean Shuyi Guo
 2021- present Winny Yue
 2019- present Danni Chen
 2019- 2023 Hui Xie (now Post-doc Fellow at South China Normal University)
 2018- 2023 Shengzi Zeng (now Post-doc Fellow at Harvard Medical School)
 2018- 2022 Tao Xia (now Post-doc Fellow at HKU)
 2018- 2022 Xuanyi Lin (now Post-doc Fellow at Northwestern University)
 2018- 2022 Qiyu Zheng (now Post-doc Fellow at HKU)
 2018- 2022 Ziqing Yao (now Post-doc Fellow at HKU)

Graduate Students (M.Phil.)

2022- 2024 Lingqi Zhang
 2020- 2022 Yiwen Zhong (Ph.D. at Vanderbilt University)
 2019- 2021 Mohith Verma (Ph.D. at Cambridge University)
 2019- 2021 Rui Jin (Ph.D. at The University of Florida)

Ph.D. Examination Committee-Internal

2023 Zaixuan ZHANG
 2022 Yuen Yan TAM
 2022 Seong Hah CHO
 2021 Nianzeng ZHONG
 2021 Mengxia GAO
 2021 Jing Jun WONG
 2020 Charlene Lok-man LAM
 2020 Jiefan LING
 2019 Tonglin JIANG
 2019 Yui Han CHAN
 2018 Ruibin ZHANG
 2018 Wanqi SUN
 2018 Miao CHENG
 2017 Nichol Man Lok WONG

Ph.D. Examination Committee-External

2020 Shanshan Zhen (National University of Singapore)

Undergraduate Honor Thesis

2023-24 Antonius Siu Kwan Tam, Eunice Man Hei Choi, Iva Yan Cheuk Tsang, Chi Lam Chan
 2022-23 Zexuan Mu, Nicholas Wong, Yunke Chen
 2021-22 Kei Fung, Kary Cheng, Xiaoru Teng, Lingqi Zhang
 2020-21 Yuheng Shi, Lok Sum Chan
 2019-20 Man Yan Claude Lam, Hong Ying Josephine Lo
 2018-19 Pui Hay Claudia Chan, Ho Yu Hody Lee, Wing Shan Sammi Chung, Jie Li
 2017-18 Sze Wing Christy Ho, Mohith Varma, Xilu Xiao, Shengzi, Zeng
 2016-17 Lok In Serene Cheung, Xuanchang Fang, Minghui Ni, Yung Yuen Yee

SUPERVISEE AWARDS: Research Postgraduate

2024 Sean Guo, Graduate Student Award, Cognitive Neuroscience Society.
 2024 Tao Xia, Graduate Research Publication Award, Department of Psychology, HKU.
 2023 Sean Guo, Best Poster Presenter Award, HKU Presidential Scholars Symposium.
 2023 Shengzi Zeng, Graduate Research Publication Award, Department of Psychology, HKU.
 2022 Danni Chen, Outstanding Presentation Award, National Ph.D. Research Symposium in Psychology, Sun Yat-Sen University, Guangzhou.
 2022 Mohith Varma, HKU Foundation Award for Outstanding Research Postgraduate Students.

- 2021 Yiwen Zhong, Outstanding Poster Presentation Award, Department of Psychology, HKU.
- 2021 Xuanyi Lin, Outstanding Presentation Award, 21st Annual Research Postgraduate Conference, Faculty of Social Science, HKU.
- 2021 Mohith Varma, Student Diversity Registration Award, Association for Psychological Science.
- 2021 Danni Chen, International Registration Award, Society for Personality and Social Psychology.
- 2021 Mohith Varma, International Registration Award, Society for Personality and Social Psychology.
- 2020 Shengzi Zeng, First Runner-up Presentation Award, Postgraduate Conference on Biomedical Engineering and Brain Sciences, Guangdong.
- 2020 Xuanyi Lin, First Runner-up Presentation Award, Postgraduate Conference on Biomedical Engineering and Brain Sciences, Guangdong.
- 2020 Xuanyi Lin, Second Runner-up Presentation Award, Postgraduate Conference on Biomedical Engineering and Brain Sciences, Guangdong.
- 2020 Shengzi Zeng, Outstanding Presentation Award, 20th Annual Research Postgraduate Conference, Faculty of Social Science, HKU.
- 2020 Rui Jin, Graduate Student Travel Award, Society for Personality and Social Psychology.
- 2019 Xuanyi Lin, Outstanding Oral Presentation Award, Department of Psychology, HKU.
- 2019 Shengzi Zeng, Outstanding Poster Presentation Award, Department of Psychology, HKU.

SUPERVISEE AWARDS: Undergraduate

- 2023 Siu Kwan Antonious Tam, Undergraduate Research Fellowship, HKU
- 2023 Man Hei Eunice Choi, Undergraduate Research Fellowship, HKU
- 2023 Michelle Pui Yan LEE, Laidlaw Scholar, HKU
- 2022 Nicholas Wong, Undergraduate Research Fellowship, HKU
- 2022 Yunke Chen, Undergraduate Research Fellowship, HKU
- 2021 Kei Fung, Undergraduate Research Fellowship, Internship Award, HKU
- 2021 Xiaoru Teng, Undergraduate Research Fellowship, HKU
- 2020 Wing Lam Yip, Laidlaw Scholar, HKU
- 2019 Hong Ying Josephine Lo, Laidlaw Scholar, HKU
- 2018 Jie Li, Laidlaw Scholar, HKU

MEDIA COVERAGE

BBC, Chicago Tonight, Daily Mail, Discover Magazine, Daily Northwestern, Guokr, Korea Herald, LiveScience, Med India, Medical Express, Medical Daily, NBC News, NEON Magazine, NPR, New York Times, Science Daily, The British Psychological Society, The Conversation, The Guardian, Time of India, Yahoo! News, UPI, Women Health, and various other media outlets around the world including Argentina, Australia, China, Germany, Great Britain, Korea, India, Indonesia, Russia, Switzerland, U.S., Vietnam, etc.