Chuan-Peng Hu (胡传鹏), PhD

Post-doc researcher at Leibniz Institute for Resilience Research, 55131 Mainz, Germany.

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Employment

2017.10 ~ Currently   Post-doc researcher, Leibniz Institute for Resilience Research, Mainz, Germany.

Education

2012.09 ~ 2017.07   PhD. Department of Psychology, Tsinghua University, Beijing, China

2016.02 ~ 2016.08   Visiting PhD Student, Department of Psychology, University of Oxford, Oxford, UK

2009.09 ~ 2012.07   M.A. in Psychology, Hubei University, Wuhan, China

2005.09 ~ 2009.07   Bachelor in Law (major) & B.Sc. in Psychology (minor), Hubei University, Wuhan, China

Honors & Awards

- Summa cum laude, Tsinghua University, July 2017
- The 22nd Rising Star Award for Graduate Students, Tsinghua University, May, 2017 (the Highest academic award for graduate students in Tsinghua University, about 10 were selected from 14, 000 each year.)
- Scholarship for Oversea Graduate Studies (£5,700) by Tsinghua University, to visit the Department of Experimental Psychology, the University of Oxford (2016.02 – 2016.08)

Projects

- **Hu, C.-P.**, Cai, Y., Fried, E. I., & Forscher, P. S. (in prep). Flexibility in measuring socioeconomic status threatens cumulative science [Protocol].
- **Hu, C.-P.**, Andres, E., Gerlicher, A., Meyer, B., Tüscher, O., Kalisch, K. Dopamine-dependent prefrontal reactivations explain long-term benefit of fear extinction: A direct replication attempt. Registration: osf.io/axgyn

Manuscripts

- Wang, J., Song, Q., Xu, Y., Jia, B., Lu, C., Chen, X., . . . **Hu, C.-P***. (under review). Interpreting Nonsignificant Results: A Quantitative Investigation Based on 500 Chinese Psychological Research (**in Chinese**). Preprint: http://www.chinaxiv.org/abs/202003.00056
- **Hu, C.-P.*,** Huang, Y., Eickhoff, S. B., Peng, K., & Sui, J. (under revision). Seeking the "beauty center" in the brain: A meta-analysis of fMRI studies of beautiful human faces and visual art. Preprint: doi.org/10.1101/081539
- Lu, C., Wang, J., Song, Q., Jia, B., Xu, Y., & **Hu, C.-P.*** (under review). Interpreting non-significant results: A Chinese tutorial (**in Chinese**). Preprint: http://www.chinaxiv.org/abs/202001.00113
- Liu, Y., Chen, S., Fan, F., Di, X., Fan, H., ..., **Hu, C.-P.*** (in prep.). Reporting Standard for Meta-Analysis in Psychology: Status and Recommendations (**in Chinese**). Preprint: http://www.chinaxiv.org/abs/201809.00177

Publications

First author papers

- **Hu, C.-P.***, Lan, Y., Macrae, C. N., & Sui, J. (accepted). Good me bad me: Does valence influence self-prioritization during perceptual decision-making? *Collabra Psychol*. Preprint: osf.io/9fczh
- **Hu, C.-P.***, Yin, J.-X., Lindenberg, S. M., Dalğar, İ., Weissgerber, S., Vergara, R., . . . IJzerman, H. (2019). Data from the Human Penguin Project, a cross-national dataset testing principles from social thermoregulation theory. *Sci Data*, 6(1), 32. doi: 10.1038/s41597-019-0029-2
- **Hu, C.-P.***, Jiang, X., Jeffrey, R., & Zuo, X.-N*. (2018). Open science as a better gatekeeper for science and society: A perspective from Neurolaw. *Sci Bull*, *63*(23), 1529-1531. doi: 10.1016/j.scib.2018.11.015
- **Hu, C.-P.**, Kong, X.-Z., Wagenmakers, E.-J., Ly, A., & Peng, K. (2018). Bayes factor and its implementation in

JASP: A practical primer (**in Chinese**), *Adv Psych Sci*, *26*(4): 951–965. doi: 10.3724/SP.J.1042.2018.00951

- **Hu, C.-P.,** Wang, F., Guo, J., Song, M., Sui, J.*, & Peng, K*. (2016). The replication crisis in psychological research (**in Chinese**). *Adv Psych Sci*, 24(9): 1504–1518. doi: 10.3724/SP.J.1042.2016.01504
- **Hu, C.**, Di, X., Eickhoff, S. B., Zhang, M., Peng, K., Guo, H., & Sui, J*. (2016). Distinct and common aspects of physical and psychological self-representation in the brain: A meta-analysis of self-bias in facial and self-referential judgments. *Neurosci Biobehav Rev, 61*: 197–207. doi: 10.1016/j.neubiorev.2015.12.003
- **Hu, C.**, Di, X., Li, J., Peng, K., Sui, J.*. (2015). Meta-analysis of neuroimaging studies (**in Chinese**). *Adv Psych Sci*, 23(7), 1118-1129. doi: 10.3724/sp.j.1042.2015.01118
- **Hu, C**.*, & Jiang, X.*. (2014). An emotion regulation role of ventromedial prefrontal cortex in moral judgment. *Front Hum Neurosci*, 8. doi: 10.3389/fnhum.2014.00873.
- **Hu, C**., Deng, X.*, Zhou, Z., & Deng, X. (2011). Neurolaw: A marriage between young cognitive neuroscience and old law (**in Chinese**). *Chin Sci Bull*, 56(36), 3041–3053. doi: 10.1360/972011-1911.

Last author papers

- Lyu, X., Xu, Y., Zhao, X., Zuo, X., & Hu, C-P.* (2020). Beyond psychology: The prevalence of misinterpretation of *p*-value and confidence intervals across different fields. *J Pac Rim Psychol*, 14, e6. doi:10.1017/prp.2019.28
- Cai, Y., Dong, S., Yuan, S., & Hu, C.-P*. (2020). Network analysis and its applications in psychology (**in Chinese**). *Adv Psych Sci*, 28(1), 178-190. doi:10.3724/sp.j.1042.2020.00178
- Liu, Q., Wang, F., Yan, W., Peng, K., & Hu, C.-P*. (2020). Questionnaire data from the revision of a Chinese version of Free Will and Determinism Plus Scale. *J. Open Psychol Data*, 8(1), 1. doi: 10.5334/jopd.49
- Zeng, G., Peng, K., & Hu, C.-P*. (2019). The network structure of adolescent well-being traits: Results from a large-scale Chinese sample. *Front Psychol*, 10(2783). doi:10.3389/fpsyg.2019.02783
- Yin, J., Hu, C.-P*. (2019). Neuroscience bias: Reproducibility and exploration of psychological mechanisms (**in Chinese**). *Adv Psych Sci*, 27(12), 1988-1995. doi: 10.3724/SP.J.1042.2019.01988.
- Lyu, Z., Peng, K., & Hu, C.-P*. (2019). Socioeconomic status and brain structure and functions: A critical review (**in Chinese**). *Chin Sci Bull*, 64(20), 2114-2126. doi:10.1360/N972018-01104
- Wang, J., Song, Q., Xu, Y., Jia, B., & Hu, C.-P*. (2019). Calculating confidence intervals of Cohen's d and eta-squared: A practical primer (**in Chinese**). *Psychology: Techniques and Applications*, 7(5), 284-296.
- Liu, Y., Ding, Y., Peng, K., & Hu, C*. (2019). Multinomial processing tree models and their application in social psychology (**in Chinese**). *Journal of Psychological Science*, 42(2), 422-429.
- Lyu, Z., Peng, K., & Hu, C.-P. * (2018). P-value, confidence intervals and statistical inference: A new dataset of misinterpretation. *Front Psychol*, (9), 868. doi:10.3389/fpsyg.2018.00868

Collaborations

- Botvinik-Nezer, R., Holzmeister, F., Camerer, C. F., Dreber, A., Huber, J., Johannesson, M., . . . Schonberg, T. (accepted). Variability in the analysis of a single neuroimaging dataset by many teams. *Nature*. Preprint doi: 10.1101/843193
- Jones, B. C., DeBruine, L., Flake, J. K., Aczel, B., Adamkovic, M., Alaei, R., . . . Chartier, C. (Accept-in-Principle). To which world regions does the valence-dominance model of social perception apply? *Nat Hum Behav*, Preprint doi:10.31234/osf.io/n26dy
- Zickfeld, J. H., Schubert, T. W., Seibt, B., Blomster, J. K., Arriaga, P., Basabe, N., . . . Fiske, A. P. (2019). Kama muta: Conceptualizing and measuring the experience often labelled being moved across 19 nations and 15 languages. *Emotion*,19(3), 402-424. doi:10.1037/emo0000450
- IJzerman, H.*, Lindenberg, S. M., Dalǧar, İ., Weissgerber, S., Vergara, R., Cair, A., . . . Zickfeld, J. (2018). The Human Penguin Project: Climate, social integration, and core body temperature. *Collabra Psychol,* 4(1), 37. doi:10.1525/collabra.165
- Zheng, W., Luo, T., Hu, C.-P., & Peng, K*. (2018). Glued to which Face? Attentional priority effect of female babyface and male mature face. *Front Psychol*, 9(286). doi:10.3389/fpsyg.2018.00286

- IJzerman, H.*, Čolić, M. V., Hennecke, M., Hong, Y., Hu, C.-P., Joy-Gaba, J., . . . Lindenberg, S. (2017). Does distance from the equator predict self-control? Lessons from the Human Penguin Project (**Commentary**). *Behav Brain Sci*, 40. doi:10.1017/S0140525X16001035

Selected Conference Presentations

- **Hu, C.-P.**, Andres, E., Meyer, B., Gerlicher, A. M., V., Tüscher, O., & Kalisch, R. Consolidating the memories of fear regulation. *11ᵗʰ European Meeting on Human Fear Conditioning*, Würzburg, Germany: May, 2019.

- **Hu, C-P.,** IJzerman, H. et al., The Human Penguin Project: Climate, social integration, and core body temperature. *International Convention of Psychological Science 2019*. Paris, France: March, 2019.

- **Hu, C.,** Peng, K., & Sui, J. The modulation effect of morality in perceptual matching revealed by Event-Related Potentials. *8ᵗʰ Annual Meeting of the Social & Affective Neuroscience Society*, Boston, USA: April, 2015.

Invited Talks

- Mar. 15. 2020 — The Psychological Science Accelerator: A Globally Distributed Laboratory Network, Max Planck-NYU Center for Language, Music & Emotion, New York, US
- May. 18, 2019 — Open and reproducible psychological science in China: A personal perspective (in Chinese), University of Utrecht, Utrecht, the Netherlands.
- Aug. 06, 2018 — Replication crisis and reform in psychology (in Chinese), Zhejiang University of Technology, Hangzhou, Zhejiang Province, China.
- Aug. 03, 2018 — Post-replication-crisis era: What shall we do (in Chinese)? Shaoxing University, Shaoxing, Zhejiang Province, China.
- Aug. 01, 2018 — Estimate-based statistics, Bayes Factor, and JASP (in Chinese), Zhejiang Normal University, Jinhua, Zhejiang Province, China.
- Jul. 26, 2018 — Replication crisis and related statistical problems (in Chinese), University of Electronic Science and Technology of China, Chengdu, Sichuan Province, China.
- Jul. 13, 2018 — A brief introduction about Bayes Factor and its implement in JASP (in Chinese), Psychology Institute, Chinese Academia of Science, Beijing, China.
- Jun. 27, 2017 — Positive bias for self-prioritization effect in perceptual decision making, *Decision-Making and Neuroeconomics Symposium*, Peking University, Beijing, China.
- Jun. 25, 2017 — How to use R to enhance the reproducibility of empirical research. Zhou Enlai School of Government, Nankai University, Tianjin, China.
- May 19, 2017 — Replication crisis and R language. *The 10ᵗʰ China-R Conference*, Beijing, China.
- Apr. 07, 2017 — The priority of moral self in cognitive process, Psychology Institute, Chinese Academia of Science, Beijing, China.

Professional Services

- Initiator and organizer, *Chinese Open Science Network*.
- Assistant director, *Translation and Cultural Diversity Committee, Psychological Science Accelerator*. 2019 ~ currently.
- Member of *the Diversity Committee*, *Society for the Improvement of Psychological Science*. 2018 ~ currently.
- Ambassador of *Center for Open Science*, 2016 ~ currently.
- Co-organizer & speaker, Chinese Association for Psychological & Brain Sciences 2018 Meeting, Nijmegen, Netherlands. Oct. 20-21, 2018.
- Organizer, 1ˢᵗ Annual Academic Seminar of Graduate student, Dpt. Psych. Tsinghua. Jun. 24, 2017.
- Organizer and speaker, *2ⁿᵈ 52brain-Tsinghua Seminar for Young Scholars in Psychology and Cognitive Neuroscience*. Beijing, China, Dec. 18, 2016
- Volunteer, *22ⁿᵈ Annual Meeting of the Organization for Human Brain Mapping*. Geneva, Switzerland. Jun. 26-

30, 2016.

- Organizer, *1ˢᵗ 52brain-Tsinghua Seminar for Young Scholars in Psychology and Cognitive Neuroscience*. Beijing, China. Dec. 20, 2015

Peer Review for Journals

- English Journals: *Royal Society Open Science; Social Psychological and Personality Science; BMC Psychology; Palgrave Communications; Frontiers in Human Neuroscience*; *Frontiers in Psychology*; *Journal of Pacific Rim Psychology; Applied Psychology: Health and Well-Being*.
- Chinese Journals: *Acta Psychologica Sinica*, *Advances in Psychological Science*, *Journal of Psychological Science*.

Society Memberships

- Society for Improving Psychological Science (SIPS)

Supervision

- Supervision B.S. Dissertation for 3 psychology undergraduates (Hubei University, 2015 ~ 2018)
- Supervision B.S. Dissertation for 4 psychology undergraduates (Hubei University, 2014 ~ 2016)

Teaching Experience

- Dec 27, 2019   Workshop on "(Statistical) Model Thinking in Psychological Science -- Bayes factor & HDDM", Department of Psychology, Tsinghua University, Beijing, China
- Apr 12, 2019   Flexibility in fMRI data analysis and standardization, a part of the *SPM Course*, Neuroimaging Center (NIC) Mainz, Mainz, Germany.
- Nov. 03, 2017   Organizer & lecturer, pre-conference workshop on "How to conduct open, transparent, and reproducible psychological research". 20ᵗʰ *National Academic Congress of Psychology*, Chongqing, China.
- Oct. 14, 2016   Organizer & lecturer, pre-conference workshop on "Enhancing reproducibility in psychological research", 19ᵗʰ *National Academic Congress of Psychology*, Xi'an, China.