

Cong Wang

Ph.D. student

Academic for Advanced Interdisciplinary Studies,

Peking University

No.5 Yiheyuan Road, Beijing, 100871, China

wang.cong@pku.edu.cn

Education

Expected 2022	Ph.D. in Cognitive Neuroscience <i>Academic for Advanced Interdisciplinary Studies; IDG/McGoven Institute for Brain Research, Peking University, Beijing, China</i> Advisor: Dr. Lusha Zhu
2017	B.S. in Psychology <i>Sun Yat-sen University, Guangzhou, China</i> Advisor: Dr. Yan Mu

Research Interests

Fields	Decision neuroscience, cognitive psychology
Methods	Functional neuroimaging, computational modeling, neuroanatomy
Topics	Decision-making, communication, bayesian framework, theory of mind, coordination, development, social preference

Publications & Preprints

2019	Mi, Q., Wang, C. , Camerer, C. F., & Zhu, L. (2019). Listener's vmPFC simulates speaker choices when reading between the lines. <i>bioRxiv</i> , 800359.
2018	Ai, S.#, Yin, Y.#, Chen, Y., Wang, C. , Sun, Y., Tang, X., ... & Shi, J. (2018). Promoting subjective preferences in simple economic choices during nap. <i>eLife</i> , 7, e40583.
2018	Luo, S., Zhong, S., Zhu, Y., Wang, C. , Yang, J., Gu, L., ... & Wu, X. (2018). Brain structural and functional substrates of personal distress in empathy. <i>Frontiers in behavioral neuroscience</i> , 12.

- 2018 Pan, J., Zhan, L., Hu, C., Yang, J., **Wang, C.**, Gu, L., ... & Chen, Q. (2018). Emotion Regulation and Complex Brain Networks: Association Between Expressive Suppression and Efficiency in the Fronto-Parietal Network and Default-Mode Network. *Frontiers in human neuroscience*, 12, 70.

Work In Progress

- Under review Mi, Q., **Wang, C.**, Camerer, C. F., & Zhu, L. Listener's vmPFC simulates speaker choices when reading between the lines.
- Manuscript in preparation **Wang, C.**, Cong, M., Mi, Q., Yu, G., Su, Y., & Zhu, L. The neurocognitive development of pragmatic interpretation.
- Data analysis in progress Changes in brain structure and function associated with the development of the online use of mentalization, with Chao Jiang, Xinian Zuo, Yanjie Su, and Lusha Zhu.
- Data collection in progress Neurocognitive investigation for common knowledge and coordination, with Lusha Zhu.

Conferences

- 2020 **Wang, C.**, Cong, M., Mi, Q., Yu, G., Su, Y., & Zhu, L. (2020). The neurocognitive development of pragmatic interpretation in youth. *Poster, the Cognitive Neuroscience Society Virtual Meeting*.
- 2019 **Wang, C.**, Cong, M., Mi, Q., Yu, G., Su, Y., & Zhu, L. (2019). Decomposing the neurocognitive development of social pragmatics. *Invited talk, the 4th International Conference of Human Brain Development, Hangzhou, China*.
- 2019 **Wang, C.**, Cong, M., Mi, Q., Yu, G., Su, Y., & Zhu, L. (2019). Developmental trajectory for pragmatic reasoning and associated neuro-computational mechanisms. *Poster, the 13th Biennial Conference of Chinese Neuroscience Society, Suzhou, China*.
- 2018 Mi, Q., **Wang, C.**, Fu, X., Gao, J., & Zhu, L. (2018). Comprehension as Bayesian decision-making: neural computations of inferring what is meant from what is said in language games. *Poster, Annual Meeting of the Society of Neuroscience, San Diego, CA, USA*.

- | | |
|------|---|
| 2018 | Mi, Q., Wang, C. , Fu, X., Gao, J., & Zhu, L. (2018). Comprehension as Bayesian decision-making: neural computations of inferring what is meant from what is said in language games. <i>Poster, 15th Annual Society for Neuroeconomics Meeting, Philadelphia, USA.</i> |
| 2016 | Mu, Y., He, Z., Wang, C. (2016). Less interest and effort, more anxiety in group learning: Experimental evidence on effects of a dominant group leader. <i>Poster, the 31st International Congress of Psychology 2016, Yokohama, Japan.</i> |

Teaching Experience

Neuroeconomics, undergraduate course, teaching assistant, Spring 2019.

Research Supervision

Senior undergraduate students

Tianhe Wang, School of Life Sciences, Peking University, 2019-now.

Shangyang Li, Department of Physics , Beijing Normal University, 2018-2019.

Fellowships & Awards

- | | |
|-------------|--|
| 2019 | Award for Scientific Research, Peking University |
| 2017 | Outstanding Graduate, Sun Yat-sen University |
| 2014 & 2016 | National Scholarship, Sun Yat-sen Univeristy |

Selected Media

- | | |
|------|---|
| 2019 | China National Ratio (CNR). "Chinese scholars first testify that people can be 'brainwashed' during sleep." |
|------|---|

Society Membership

Society for Neuroscience, Society for Neuroeconomics, Association for Psychological Science

Skills

Data analysis & programming : Matlab, R, Python, FreeSurfer

Language: Chinese (native), English