

Gaiqing Kong

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EDUCATION

- Oct 2018 – Present Post-doctoral scholar, working with Prof. Patrick Haggard
Institute of Cognitive Neuroscience, University College London.
- Jan 2018 - Oct 2018 Work remotely with Prof. Konrad Kording.
- Jul 2017 - Jan 2018 Exchange student in University of Pennsylvania, Philadelphia, US
Prof. Konrad's lab <http://kordinglab.com/>
- Oct 2016 - Jul 2017 Exchange student in Northwestern University, Chicago, US
Prof. Konrad's lab
- 2014 - 2018 PhD in Basic Psychology, School of Psychological and Cognitive Sciences,
Peking University, Beijing, China
Prof. Kunlin's Lab
- 2012 - 2014 M.S. in applied psychology, School of Psychological and Cognitive Sciences,
Peking University, Beijing, China
Prof. Kunlin's Lab <https://www.psy.pku.edu.cn/~weikunlin/index.html>
- 2008 - 2012 B.S. in applied Psychology, Tianjin University of Sport, Tianjin, China

PUBLICATIONS

- Claire C, Kong, G.*, Wei, K., Kording, K. (*PsyArXiv*) Pose estimates from online videos show that side-by-side walkers synchronize movement under naturalistic conditions. (*Co-first author*)
- Kong, G.*, Wei, K., Kording, K. (*bioRxiv*) How does mixed reality affect quiet stance?
- Kong, G.*, Zhou, Z., Wang, Q., Kording, K., & Wei, K. (2017). Credit assignment between body and object probed by an object transportation task. *Scientific reports*, 7(1), 13415.
- Kong, G.*, He, K., & Wei, K. (2017). Sensorimotor experience in virtual reality enhances sense of agency associated with an avatar. *Consciousness and Cognition*, 52, 115-124.
- Wei, K., Yan, X., Kong, G.*, Yin, C., Zhang, F., Wang, Q., & Kording, K. P. (2014). Computer use changes generalization of movement learning. *Current Biology*, 24(1), 82-85.
- Fan, Y., Kong, G.*, Meng, Y., Tan, S., Wei, K., Zhang, Q., & Jin, J. (2014). Comparative assessment of surgeons' task performance and surgical ergonomics associated with conventional and modified flank positions: a simulation study. *Surgical endoscopy*, 28(11), 3249-3256. (*Co-first author*)
- Fan, Y., Kong, G., Wei, K., Zhang, Q., & Jin, J. (2014). MP14-12 IMPROVED TASK PERFORMANCE AND SURGICAL ERGONOMICS WITH MODIFIED PATIENTS' POSITIONS DURING RETROPERITONEOSCOPIC UPPER URINARY

TRACT SURGERY: A SIMULATION STUDY. The Journal of Urology, 191(4), e172. (Co-first author)

CONFERENCE TALKS/POSTERS

Society for Neuroscience, Washington DC, US, November 11 - 15, 2017.

Kong, G.*, Wei, K., Kording, K. How does mixed reality affect quiet stance? The Society for the Neural Control of Movement, Dublin, Ireland, May 1- 5, 2017. *Poster*.

Society for Neuroscience, San Diego, US, November 12 - 16, 2016.

Kong, G.*, Wei, K. Movements of avatar in virtual reality can elicit sense of agency. 17th International Multisensory Research Forum, Suzhou, China, June 15 -18, 2016. *Poster*.

Kong, G.*, Wei, K. Movements of avatar in virtual reality can elicit sense of agency. The Society for the Neural Control of Movement, Montego Bay, Jamaica, April 24 -29, 2016. *Poster*.

Kong, G.*, Wei, K. Neural Representation of an Invariant Object Mass is Spatiotemporally Changing during Object Manipulation. Society for Neuroscience, San Diego, US, November 9 – 13, 2013. *Poster*.

Kong, G.*, He, K., Wei, K. Sensorimotor experience in virtual reality enhances sense of agency associated with an avatar. Consciousness and cognition. Psychology communication of mainland China, Taiwan and Hong Kong, Taipei, 2016. *talk*.

Kong, G.*, Zhou Z., Wang Q., Kording, K., Wei, K. Credit assignment between body and object when manipulating objects. Psychology communication of mainland China, Taiwan and Hong Kong, Hong Kong, 2015. *talk*.

Wei, K., Yan, X., Kong, G.*, Yin, C., Zhang, F., Wang, Q., & Kording, K. P. Computer use changes generalization of movement learning. Psychology communication of mainland China, Taiwan and Hong Kong, Beijing, 2014. *talk*.

AWARDS

2018 Excellent Graduate of Peking University

2017 Exceptional Award for Academic Innovation at Peking University

2017 President's PhD Scholarship of Peking University (the highest PhD scholarship)

2016 State Scholarship to visit Northwestern University

2015 PhD special scholarship of Peking University

2014 CASC Scholarship (China Aerospace Science and Technology Corporation)

2014 Excellent Graduates of Beijing

2014 Excellent Graduates of Peking University

2014 Best Oral Presentation Award for Psychology communication of mainland China, Taiwan and Hong Kong

2013 National Scholarship for Master Student

- 2013 Excellent Assistant at Peking University
- 2012 Innovation Award (Academic) at Peking University
- 2012 Excellent Graduate of Tianjin University of Sport
- 2011 First-class Scholarship at Tianjin University of Sport
- 2010 Excellent student model at Tianjin University of Sport
- 2009 National Encouragement scholarship

Teaching Experience (TA)

- 2012 Research Progress in Motor Control, for graduate students.
- 2016 Preliminary Statistics, for undergraduate students.

Summer School

- 1, 2017 Summer School in Computational Sensory-Motor Neuroscience (CoSMo 2017)
University of Minnesota
- 2, Bayesian modeling of perception and action.
Keynote lecturer: Dr.Wei Ji Ma (<http://www.cns.nyu.edu/malab/>)
TshingHua University, 2012
- 3, Brain mechanism of self-awareness
Keynote lecturer: Dr.Liang Li (<https://www.psy.pku.edu.cn/s/li-liang-en.html>)
Peking University, 2016

Internship Experience

- 1, 2015.10-2016.01 User Experience Intern at Lenovo
Conduct UR and UE test to evaluate future product, such as ID, UI etc.
- 2, 2013.01-2013.09 RSscan International
Measured and analyzed gait properties of national basketball player, participated in customized insoles; Estimated user experience and biomechanical properties of branded running shoes such as Nike, Mizuno, Lining et al.; Wrote quality report.

Others

- 1, Programming skills: Matlab, Python, c# (beginner).
- 2, Translation: Translate paper-*Ten simple rules for structuring papers*.
<http://journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1005619> - into Chinese:
http://kordinglab.com/images/post/ten_simple_rules/chinese.pdf
- 3, 2013.09-2014.05 President for graduate student's association at the Department of Psychology, Peking University.

More Information

Google scholar profile: <https://scholar.google.com/citations?user=fndBKQoAAAAJ&hl=zh-CN>

Research Gate page: https://www.researchgate.net/profile/Gaiqing_Kong

Github: <https://github.com/KordingLab/mixed-reality/tree/master>