Yin Wang, PhD

State Key Laboratory of Cognitive Neuroscience and Learning
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Education and Working Experience

2019-now **Principal Investigator of the Multimodal Social Neuroscience (MSN) Lab**
State Key Laboratory of Cognitive Neuroscience and Learning,
IDG/McGovern Institute for Brain Research, Beijing Normal University, China

2015-2019 **Postdoctoral Research Associate**, (with Dr. Ingrid Olson)
Department of Psychology, Temple University, USA

2013-2015 **NYU Postdoctoral Researcher**, (with Dr. Susanne Quadflieg)
Department of Psychology, New York University, USA

2012 **ESRC Postdoctoral Researcher**, (with Dr. Antonia Hamilton)
School of Psychology, University of Nottingham, United Kingdom

2008-2011 **PhD in Psychology**, (advisor: Dr. Antonia Hamilton)
School of Psychology, University of Nottingham, United Kingdom

2004-2008 **BSc (Hons) Biological Sciences**,
School of Life Sciences, Shanghai University, China

Publications in Peer-reviewed English Journals

- Popal, H., **Wang, Y.,** & Olson, I.R. (accepted). A Guide to Representational Similarity Analysis for Social Neuroscience. ***Social Cognitive and Affective Neuroscience***
- **Wang, Y.,** Metoki, A., Smith, D.V., Medaglia, J.D., Zang, Y.Y., Benear, S., Popal, H., Lin, Y., & Olson, I.R. (accepted). Multimodal mapping of the face connectome. ***Nature Human Behaviour***
- **Wang, Y.**, Metoki, A., Alm, K.H., Olson, I.R. (2018). White matter pathways and social cognition. ***Neuroscience & Biobehavioral Reviews,*** 90: 350-370.
- **Wang, Y.**, Olson, I.R. (2018). The original social network: white matter and social cognition. ***Trends in Cognitive Sciences,*** 22(6): 504-516.
- Metoki, A., Alm, K.H., **Wang, Y.**, Ngo, C.T., & Olson, I.R. (2017). Never forget a name: white matter connectivity predicts person memory. ***Brain Structure and Function***. 222:4187-4201.
- **Wang, Y.**, Collins, J. A., Koski, J., Nugiel, T., Metoki, A., Olson, I.R. (2017). A dynamic neural architecture for social knowledge retrieval. ***Proceedings of the National Academy of Sciences of the USA***, 114(16): E3305–E3314.
- Prinsen, J., Bernaerts, S., **Wang, Y.**, de Beukelaar, T.T., Cuypers, K., Swinnen, S.P., & Alaerts, K. (2017). Direct eye contact enhances mirroring of others' movements: A transcranial magnetic stimulation study. ***Neuropsychologia***, 95:111-118.
- Forbes, P., **Wang, Y.**, & Hamilton, A. (2016). STORMy Interactions: gaze and the modulation of mimicry in adults on the autism spectrum***. Psychonomic Bulletin & Review***, 24:529-535.
- **Wang, Y.,** & Quadflieg, S. (2015). In our own image? Emotional and neural processing differences when observing human-human versus human-robot interactions. ***Social Cognitive and Affective Neuroscience,*** 10 (11): 1515-1524.

- **Wang, Y.**, Thomas, J., Weissgerber, S. C., Kazemini, S., Ul-Haq, I., & Quadflieg, S. (2015). The headscarf effect re-visited: further evidence for a culture-based internal face processing advantage. ***Perception,*** 44(3):328–336.
- **Wang, Y.,** & Hamilton, A. (2015). Anterior medial prefrontal cortex implements social priming of mimicry. ***Social Cognitive and Affective Neuroscience,*** 10(4):486-493.
- **Wang, Y.,** & Hamilton, A. (2014). Why does gaze enhance mimicry? Placing gaze-mimicry effects in relation to other gaze phenomena. ***Quarterly Journal of Experimental Psychology,*** 67(4):747-762.
- **Wang, Y.,** & Hamilton, A. (2013). Understanding the role of the 'self' in the social priming of mimicry. ***PLoS One.*** 8(4):e60249.
- **Wang, Y.,** & Hamilton, A. (2012). Social top-down response modulation (STORM)—a model of the control of mimicry in social interaction. ***Frontiers in Human Neuroscience***, 6:153.
- **Wang, Y.**, Ramsey, R., & Hamilton, A. (2011). The control of mimicry by eye contact is mediated by medial prefrontal cortex. ***The Journal of Neuroscience***, 31(33): 12001-12010.
- **Wang, Y.**, Newport, R., & Hamilton, A. (2011). Eye contact enhances mimicry of intransitive hand movements. ***Biology Letters***, 7:7-10.
- Chen, W., Yuan, T.F., **Wang, Y.**, & Ding, J. (2008). Human mirror neuron system and its plasticity. ***Neural Regeneration Research***, 3(3):321-323.

Publications in Peer-reviewed Chinese Journals

- Zhao, Z., Chen, W., **Wang, Y.,** & Li, Y.S. (2017). Can we have direct access to other minds by "motor resonance"? A critical reassessment. ***Chinese Science Bulletin***. 62(1):1-17
- Pan, W., **Wang, Y.,** & Chen, W. (2017). Research on Evolvement and Development Trend of Mentalizing Accounts of Social Cognition —— Reflections on Submentalizing. ***Journal of Psychological Science***, 5:1274-1279
- Pan, W., Chen, W., **Wang, Y.,** & Shan, C.L. (2016). The myth of broken mirror theory of autism: Origins, problems and prospects. ***Advances in Psychological Science***, 24: 1-16
- Chen, W., & **Wang, Y**. (2015). Education based on Mirror Neurons? Is the birth of a New Neuro-myth? ***Educational Research***. 2:92-101
- Chen, W., & **Wang, Y**. (2015). Are Mirror Neurons the "Holy Grail" of Cognitive Science? ***Journal of Psychological Science***. 38(1):237-242.
- Chen, W., &.**Wang, Y.** (2013). The Bridge over Troubled Waters: Mirror Neurons and Educational Practice ---- A Critical Review of "Mirror Education"**.** ***Global Education***, 42(2):47-85.
- **Wang, Y.**, Zang, Y.Y., & Chen, W. (2011). From "chameleon effect" to "mirror neurons" and to "echopraxia" —human mimicry is the product of social interactions. ***Advances in Psychological Science***, 19(6):916-924
- **Wang, Y.**, & Chen, W. (2010). "Broken Mirror" theory of autism and its limitations**.** ***Advances in Psychological Science***, 18(2):297-305.
- Chen, W., Ding, J., & **Wang, Y.** (2009). Relationship between children's belief reasoning, inhibitory control and intention understanding. ***Chinese Journal of Clinical Psychology***, 17(2):178-186.
- Chen, W., Ding, J., & **Wang, Y.** (2009). Study on integration of the interpretation models of theory of mind: a "Stage-classification" framework. ***Psychological Research***, 2(3):26-32
- Song, H.S., **Wang, Y.**, Ge, J., Zhang, Y., Sun, Y., & Wang, J.D. (2009) "Method for promoting cell proliferation by Antheraea yamamai paralytic peptide". ***C.N. Patent*** No.101486993A, 22-Jul-2009.

- Chen, W., **Wang, Y.**, Ding, J., & Zhang, J.H. (2008). The advance in mirror neuron studies of action recognition and understanding in primates. ***Acta Anthropologica Sinica***, 27(3):142-146.
- Chen, W., Yuan, T.F., Ding, J., Zhang, J.H., & **Wang, Y.** (2008). Progress in Anatomical Structure of Mirror Neuron System, ***Chinese Journal of Neuroanatomy***, 24(3):219-223.

Awards and Honors

2019 Fellowship from Summer Institute in Cognitive Neuroscience, University of California, Santa Barbara, USA. (topics: Network Neuroscience & Social Computational Neuroscience)

2016 Best Poster Award in The 9th Annual Meeting of the Social & Affective Neuroscience Society

2013 Exchange Fellowship for Autism Research in China. Jointly funded by Nottingham Institute of Mental Health, UK & Shanghai Mental Health Centre, China (£5000).

2011 ESRC Small Research Grant (£78,755.65) (co-investigator, PI: Antonia Hamilton)

Fellowship from Summer Institute in Cognitive Neuroscience, University of California, Santa Barbara, USA. (topics: Cognitive Control & Numerical Cognition)

Travel Scholarship from ESF for the European Research Network for Investigating Human Sensorimotor Function in Health and Disease (ERNI-HSF), Galway, Ireland (€ 500).

Graduate School Travel prize from University of Nottingham for the 1st International Society for Social Neuroscience Symposium, Shanghai, China (£600).

2010 Travel Scholarship from the Visceral Mind Summer School, Bangor University, Wales, UK (£200).

Travel Scholarship from Social Cognition Network and Training Scheme for ESCON Workshop on Social Neuroscience, Ghent, Belgium (£200).

2009 *Brain* Travel Grant in order to attend the European Society for Psychology and Philosophy (ESPP) conference 2009, Budapest, Hungary (£500).

2008 Overseas Research Student Award Scheme (ORSAS) Scholarship from the Secretary of State for Education and Science, UK. (2008-2011) (£52,020.00)

PhD Studentship from the University of Nottingham, UK. (2008-2011) (£40,000.00)

2004 Top level scholarship, Shanghai University. (2004-2008, 5000 RMB per year)

2003 Top class, National Biology Olympiad, China

International Activities

Membership of Professional Associations

American Psychological Association (APA), Society for Neuroscience (SFN), Organization for Human Brain Mapping (OHBM), Social & Affective Neuroscience Society (SANS), Society for Social Neuroscience (S4SN), Cognitive Neuroscience Society (CNS)

Ad-Hoc Reviewer

Acta Psychologica, Autism Research, Biological Psychiatry, Cerebral Cortex, Experimental Brain Research, Frontiers in Human Neuroscience, Frontiers in Psychology, NeuroImage, Neuropsychologia, NeuroReport, PLoS One, PLoS Biology, Psychonomic Bulletin & Review, Review of Philosophy and Psychology, Scientific Reports, Social Cognitive and Affective Neuroscience, Social Influence, Social Neuroscience