



Personal Information

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EMAIL	xiaochun.han@dartmouth.edu
NATIONALITY	China
DATE OF BIRTH	Oct. 12, 1990
GENDER	Female
MARITAL STATUS	Married

Work Experience

DATES	Sept. 2018 - present
POSITION	Postdoctoral researcher
MENTOR	Dr. Tor Wager
INSTITUTE	Psychological and Brain Sciences, Dartmouth College Institute of Cognitive Science, University of Colorado, Boulder

Education

DATES	Sept. 2013 - July 2018
DEGREE	Ph.D. of Basic Psychology
THESIS	Psychological and brain mechanism of intergroup conflict
MENTOR	Dr. Shihui Han
INSTITUTE	School of Psychological and Cognitive Sciences, Peking University
DATES	Sept. 2009 - July 2013
DEGREE	B.S. of Psychology
THESIS	Embodied neural response to others' suffering
INSTITUTE	School of Psychology, Beijing Normal University

Papers under review

2020 **Han X**, Zhou S, Fahoum N, Wu T, Gao T, Shamy-Tsoory S, Gelfand MJ, Wu X, & Han S. Cognitive and neural bases of collateral damage during intergroup conflict. *Under review*.

Kragel PA, **Han X**, Kraynak TE, Gianaros PJ & Wager TD. fMRI can be highly reliable, but it depends on what you measure. *Under review*: <https://psyarxiv.com/9eaxk>.

Peer-review Publications

2020 **Han X**, Gelfand MJ, Wu B, Zhang T, Li W, Gao T, Pang C, Wu T, Zhou S, Wu X, & Han S. A neurobiological association of revenge propensity during intergroup conflict. *eLife* 9, e52014.

Zhou Y, Gao T, Zhang T, Li W, Wu T, **Han X**, & Han S. Neural dynamics of racial categorization predicts racial bias in face recognition and altruism. *Nature human behaviour*, 4, 69-87.

2019 An S, **Han X***, Wu B, Shi Z, Marks M, Wang S, Wu X, & Han S. Neural activation in response to the two sides of emotion. *Neuroscience letters*, 684, 140-144. (* co-first author)

2018 Luo S, **Han X**, Du N, & Han S. Physical coldness enhances racial in-group bias in empathy: electrophysiological evidence. *Neuropsychologia*, 116, 117-125.

2017 **Han X**, He K, Wu B, Shi Z, Liu Y, Luo S, Wei K, Wu X, & Han, S. Empathy for pain motivates actions without altruistic effects: evidence of motor dynamics and brain activity. *Social cognitive and affective neuroscience*, 12, 893-901.

Han X, Zhang T, Wang S, & Han S. Neural correlates of believing. *Neuroimage*, 156, 155-165.

- 2016** **Han X**, Luo S, & Han S. Embodied neural responses to others' suffering. *Cognitive neuroscience*, 7, 114-127.
- 2015** Sheng F, **Han X***, & Han S. Dissociated neural representations of pain expressions of different races. *Cerebral Cortex*, 26, 1221-1233.
(* co-first author)

Conference

- 2020** July 27 - 31, NeuroHackademy 2020 online edition.
- June 27 - 30, Human Brain Mapping, Poster: Effect size and reliability of the Neurological Pain Signature, Montreal.
- 2019** Aug. 7 - 17, MIND Summer School, Cognitive Maps, Dartmouth College, Hanover.
- July 29 - 30, Computational Psychiatry Workshop, The Metropolitan Museum of Art, New York.
- Jan. 10 - 12, fMRI Image Acquisition and Analyses Course, Albuquerque.
- 2017** June 25 - 29, Human Brain Mapping, Poster: Neural response to others' pain during group conflict, Vancouver.
- June 13 - 16, Association for the Scientific Study of Consciousness, Beijing.
- 2016** Sept. 15 - 17, "The Role of Oxytocin in Social Cognition and Behavior: Current Advances" Symposium, Oral Report: Oxytocin decreases homogeneity of outgroup punishment during intergroup conflict, Munich.
- July 24 - 29, International Congress of Psychology, Poster: Empathy for pain motivates actions without altruistic effects: evidence of motor dynamics and brain activity, Yokohama.
- 2014** June 8 - 12, Human Brain Mapping, Poster: The functional significance of mid-cingulate cortex, Hamburg.

Academic awards

2018	Outstanding Ph.D. graduate
2017	China National Scholarship (\$ 5,000) Innovation Awards of Peking University President Scholarship of Peking University (\$11,000) The First Prize Scholarship (\$6,500)
2016	The First Prize Scholarship (\$6,500)
2015	China National Scholarship (\$5,000) Innovation Awards of Peking University The First Prize Scholarship (\$6,500)

Skills and Certification

Programming language	Matlab, R, Python, Jupyter notebook, Shell
Data analysis	fMRI, EEG, Behavior, Natural language, computation modeling
Teaching	National Psychology Teacher Certification
English	Fluent, TOFEL IBT: 104