



## Dr. Xiaochun Han (韩晓春)



### Personal Information

<b>ADDRESS</b>	Room 332 in Moore Psychology Building, Hanover, NH, 03755
<b>TEL</b>	+86 177-0132-0819 (same for WeChat)
<b>EMAIL</b>	xiaochun.han@dartmouth.edu
<b>WEBSITE</b>	xiaochunhan.github.io
<b>NATIONALITY</b>	China
<b>DATE OF BIRTH</b>	Oct. 12, 1990
<b>GENDER</b>	Female

### Education

<b>DATES</b>	Sept. 2018 - present
<b>POSITION</b>	Postdoctoral researcher
<b>MENTOR</b>	Dr. Tor Wager
<b>INSTITUTE</b>	Psychological and Brain Sciences, Dartmouth College Institute of Cognitive Science, University of Colorado, Boulder
<b>DATES</b>	Sept. 2013 - July 2018
<b>DEGREE</b>	Ph.D. of Basic Psychology
<b>THESIS</b>	Psychological and brain mechanism of intergroup conflict
<b>MENTOR</b>	Dr. Shihui Han
<b>INSTITUTE</b>	School of Psychological and Cognitive Sciences, Peking University
<b>DATES</b>	Sept. 2009 - July 2013
<b>DEGREE</b>	B.S. of Psychology
<b>THESIS</b>	Embodied neural response to others' suffering
<b>INSTITUTE</b>	School of Psychology, Beijing Normal University

## Publications

- 2020** **Han X**, Zhou S, Fahoum N, Wu T, Gao T, Shamay-Tsoory S, Gelfand MJ, Wu X, & Han S. Cognitive and neural bases of decision-making causing civilian casualties during intergroup conflict. *Nature human behaviour*: in press.
- Kragel PA, **Han X**, Kraynak TE, Gianaros PJ & Wager TD. fMRI can be highly reliable, but it depends on what you measure. *Psychological science*: in press.
- Han X**, Gelfand MJ, Wu B, Zhang T, Li W, Gao T, Pang C, Wu T, Zhou Y, 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 and Talks

- 2020** Dec. 14, Invited talk in Department of Psychology, Sun Yat-sen University: Cognitive and neural bases of collateral damage during intergroup conflict, Guangzhou.
- Dec. 11-13, Chinese Social Psychology Conference, Talk: Cognitive and neural bases of collateral damage during intergroup conflict, Haikou.
- July 27 - 31, NeuroHackademy 2020 online edition.
- June 27 - 30, Human Brain Mapping, Poster: Effect size and reliability of the Neurological Pain Signature, Montreal (online).
- 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.

## Skills

<b>Programming skill</b>	Matlab, R, Python, Shell
<b>Research method</b>	fMRI, EEG, Behavior, computational modeling, machine learning
<b>Teaching</b>	National Psychology Teacher Certification
<b>Language</b>	Chinese (mother language); English (fluent)

## Academic awards

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