Hui Sun

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RESEARCH SUMMARY

My research is at the intersection of managerial cognition and organizational learning, with a strong influence from computational cognitive science. My projects center around three questions: (a) What is the structure of knowledge in cognitive, social and material space? (b) How do knowledge structures change over time? (c) How do knowledge structures interact with learning, and in particular, how representational capacity leverage learning capabilities? I use a mix of qualitative, quantitative, modeling and experimental methods.

EDUCATION

Ph.D. Candidate in Management and Organizations, Northwestern University, 2022.

   Minor in Computational Cognitive Science

   Committee: William Ocasio (chair), Giovanni Gavetti, Klaus Weber, Maryam Kouchaki

M.S. Statistics, Northwestern University, 2022.

B.S. Experimental Psychology, Tsinghua University, 2016.

B.A. Digital Entertainment Design, Tsinghua University, 2016.

Exchange Student, University of Toronto, 2014.

PUBLICATIONS

Refereed Book Chapters

1. <u>Hui Sun</u>, Matthew E. Brashears and Edward B. Smith. 2021. "Network Representation Capacity: How Social Relationships are Represented in the Human Mind?" in *Personal Networks: Classic Readings and New Directions in Ego-centric Analysis*, edited by Mario L. Small, Brea L. Perry, Bernice Pescosolido and Edward B. Smith. Cambridge: Cambridge University Press.

WORKING PAPERS AND WORK IN PROGRESS

1. <u>Hui Sun</u> and Edward B. Smith. "Social Networks and Cognitive Search: Name Generator as a Fluency Task".

2. <u>Hui Sun</u>. "Bootstrapping the Mind: How Knowledge Structures Emerge and Change" (dissertation chapter).

3. <u>Hui Sun</u> and William Ocasio. "Pulling Oneself by One's Own Bootstraps: Co-Evolution Between Cognitive Representation and Organizational Learning" (dissertation chapter).

4. <u>Hui Sun</u>. "Coordinating a Remote Workforce: An Interplay Between Linguistic Structure and Organizational Structure".

5. <u>Hui Sun</u> and Lantian Li. "Trade in Melting Time: Temporality and Boundaries of Competition".

6. <u>Hui Sun</u>, Yi Shu, Yang Zhao, and Xiaohong Yu. "Face and Fate: Judge-Lawyer Affiliations in Chinese Courtroom, 2014-2020" (Data Analysis).

7. <u>Hui Sun</u> and Renwen Zhang. "Number Moderation: How Platforms Commensurate Conflicting Values" (Data Analysis).

REFEREED CONFERENCE PRESENTATIONS

1. "Number Moderation: How Platforms Commensurate Conflicting Values?" *SASE Conference*. 2021.

2. "Social Network Structures: What Are We Thinking about When We Think about Relationships?" Symposium. *Annual Convention of the Association for Psychological Science (APS)*. Chicago, IL. 2020 (conference canceled due to COVID).

3. "From Material Reproduction to Cultural Elaboration: Revival of Classical Chinese Furniture Making." *EGOS Colloquium*. Edinburgh, UK. 2019.

4. "Cognitive Structures of Social Networks." in Networks in Cognitive Science Satellite Conference. *NetSci*. Burlington, VT. 2019.

5. "Social Networks and Cognitive Search." in the Cognitive Underpinning of Social Networks Symposium. *Academy of Management Meeting*. Chicago, IL. 2018.

INVITED CONFERENCES

The 11th Medici Summer School. HEC Paris, 2019.

Network and Brain Sciences. Northwestern University, 2018.

Summer School in Computational Organization Science. INSEAD, 2018.

West Coast Research Symposium on Technology Entrepreneurship. University of Alberta, 2017.

GRANTS, HONORS & AWARDS

PhD Research Grant ($3,000), Northwestern University, 2021.

DRRC Research Grant ($3,500), Northwestern University, 2019.

Fellowship of Tsinghua Spark Talents Program, 2014-2016.

Tsinghua Alumni Scholarship, Tsinghua University, 2013-2016.

Summer Research Grant ($3,200), Tsinghua University, 2015.

TEACHING AND TEACHING ASSISTANT EXPERIENCE

Teaching Assistant

Strategy Implementation by Edward (Ned) Smith (Fall 2018, Spring 2020, Winter 2021).

Leading the Strategic Change by Paul Hirsch (Fall 2017).

Value Based Leadership by Adam Waytz (Spring 2018).

Negotiation Fundamentals by Leigh Thompson (Executive MBA, Summer 2018, Winter 2020) and Cynthia Wang (Winter 2018).

Leadership by Nour Kteily (Summer 2018) and Loran Nordgren (Kellogg-HKUST, Winter 2021).

Power in Organizations by Richard Jolly (Winter 2021).

PROFESSIONAL ACTIVITIES & SERVICE

Kellogg-Booth Student Symposium (co-organizer), 2017-2018.

ASQ Blog (co-organizer), 2019-2021.

Ad hoc reviewer for AOM (OMT, STR, and MOC divisions).

Ad hoc reviewer for Social Psychology Quarterly.

MISCELLANEOUS

Skills: R, Python, Matlab, LaTeX, JavaScript, HTML, CSS, Qualtrics, Nvivo

Last updated: March 29, 2021