

## Houjiang Liu

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- Education**      Ph.D. Student, Information Studies, University of Texas at Austin, Austin TX
- M.F.A. Experience Design, Northeastern University, Boston MA, August 2020  
                        Committee: Dr. Miso Kim, Dr. Meryl Alper, Dr. Kristian Kloeckl
- B.S. Applied Physics, Jilin University, Changchun CA, July 2015
- Work History**      Design Researcher, Center for Design, College of Arts Media and Design, Northeastern University, Boston MA, Jan 2019 to May 2021
- Instructor, College of Arts, Media and Design, Northeastern University, Boston MA, Fall 2019 to Spring 2021
- User Experience Designer, Seetatech, Beijing CA, Oct 2017 to Aug 2018
- Interaction Designer, JD Design Center, JD.com, Beijing CA, Feb 2015 to March 2017
- Publications**      “Shifting Winds: Gendered Structures of Academic Mentorship”, In Proceedings of the IEEE VIS Arts Program, Oklahoma, USA October 2022 (In press)  
                            Li, Jiabao, **Houjiang Liu**, Jilie Zeng, Di Wu, Ying Ding, and Alec McGall.
- “Technology, Autonomy, and Participation: Designing Community Games and Services to Enhance Older Adults’ Technology Literacy”, In Proceedings of the 9th International Association of Societies of Design Research (IASDR), Hong Kong, China, Dec 2021  
                            **Liu, Houjiang**, Miso Kim, Ming Zhu Li.
- “Designing for Distance Nursing: Reconnecting Nursing Students with Senior Home Residents during COVID-19”, In Proceedings of the 9th International Association of Societies of Design Research (IASDR), Hong Kong, China, Dec 2021  
                            **Liu, Houjiang**, Ray LC, Concetinna Cormio, Meixin Yu, Miso Kim.
- “Autonomy as Design Principle: Service Design for the Technology Literacy of Older Adults”, In Proceedings of Cumulus: Design Culture(s), Rome, Italy, June 2021  
                            **Liu, Houjiang**, Miso Kim, Canqun He, Tia Thomson.
- [Master Thesis] Enriching Gifts, Experience Design to Understand Human Relationships”, Northeastern University, Boston, MA, 2020  
                            **Liu, Houjiang**.
- [Book] 中华联语词典, ChongWen Publishing, Wuhan, China, 2014  
                            Zhifan Deng, and Guosheng Yao, primary editors, Yaming He, **Houjiang Liu**, co-editors.
- Presentations & Workshops**
- “An Exploration of Service Design Metrics”, Research, Innovation, Scholarship, Entrepreneurship (RISE), Virtual EXPO, Northeastern University, April 2021  
                            **Houjiang Liu**, Estefania Ciliotta Chehade.
- “Participatory Design for Senior Healthcare: Service Design to Improve Seniors’ Health Literacy and Autonomy”, Research, Innovation, Scholarship, Entrepreneurship (RISE), Northeastern University, April 2020  
                            **Houjiang Liu**, Miso Kim, Anni Xu, Marina DiPiazza, Nirban Bhatia, Mingzhu Li.

“Enriching Family Gifts: Reciprocity in Family Relationships”, North American PhD by Design Symposium, New York University, March 2020 (Accepted)

**Houjiang Liu**

“How Food is Served in Early Care Center”, Northeastern University Visualization Consortium (NUVis), 2019 Demofest

**Houjiang Liu**, Yingyin Xu, Anni Xu.

“The Power of User Data – How to Build a Data-driven E-commerce User Experience”, User eXperience Professional Association (UXPA) Conference, China, 2015  
Suchen Li, **Houjiang Liu**.

## Design Deliverables

Shifting Winds: Gendered Structures of Academic Mentorship. June 2022

Data-viz for E-learning ([new version](#), [old version](#)) April 2021

Design for Emergency: The Data Platform, April 2021

Data Sonification Archive, December 2020

Visualizing Covidcooking, December 2020

AutoDL, now updated to CodewithGPU, October 2018

## Instructors & Volunteers

Instructor, College of Arts, Media and Design, Northeastern University  
ARTG2400 Interaction Design, Spring 2021 | ARTG2401 Interaction Design Tools, Fall 2019, Spring 2020

Teaching Assistant, College of Arts, Media and Design, Northeastern University  
ARTG6330 Info Design Mapping Strategies, Fall 2020 | ARTG6900 Design for Dignity, Fall 2019

Research Volunteers, Design for Emergency, Center for Design, the College of Arts Media and Design, Northeastern University, Boston, MA, Sep 2020 to May 2021

## Awards & Honors

CAMD Student Grant for Research, Scholarship and Creative Activity (Dean's project awards), Boston MA, 2020

First Design Award, Health x Design Challenge, Prize 2: Reimagine a System or Space, Mad\*Pow, Boston MA, 2019

Graduate Student Scholarship, Northeastern University, Boston MA, 2018

Individual Undergrad Grant, Jilin University, Jilin CA, 2015

Innovative Design Award, Tencent Design Challenge, Shenzhen CA, 2014

Second-class Undergrad Grant, Jilin University, Jilin CA, 2012, 2013

Second-class Award of Math Modeling, Jilin University, Jilin CA, 2012

## Skills

Graphic and Interaction Design: Illustrator, InDesign, Photoshop, Sketch, InVision, Axure, Adobe XD;

Data Analysis: R, Python, SPSS, MATLAB, ArcGIS;

Data Visualization: HTML and CSS, JavaScript, D3.js, C, Processing