

## 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, J., **Liu, H.**, Zeng J., Wu, D., Ding, Y., & McGall A.
  - “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, H.**, Kim, M., Li, M.
  - “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, H.**, Ray, L. C., Cormio, C., Yu, M., Kim, M.
  - “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, H.**, Kim, M., He, C., Thomson, T.
  - [Master Thesis] Enriching Gifts, Experience Design to Understand Human Relationships”, Northeastern University, Boston, MA, 2020  
**Liu, H.**
  - [Book] 中华联语语典, ChongWen Publishing, Wuhan, China, 2014  
Deng, Zhi., Yao, G., primary editors, He, Y., **Liu, H.**, co-editors.
- Presentations & Workshops**
- “An Exploration of Service Design Metrics”, Research, Innovation, Scholarship, Entrepreneurship (RISE), Virtual EXPO, Northeastern University, April 2021  
**Liu, H.**, Chehade, E. C.
  - “Participatory Design for Senior Healthcare: Service Design to Improve Seniors’ Health Literacy and Autonomy”, Research, Innovation, Scholarship, Entrepreneurship (RISE), Northeastern University, April 2020  
**Liu, H.**, Kim, M., Xu, A., DiPiazza, M., Bhatia, N., Li, M.

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

“How Food is Served in Early Care Center”, Northeastern University Visualization Consortium (NUVis), 2019 Demofest  
**Liu, H.**, Xu, Y., Xu, A.

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

#### 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