

Ning Zou

HCI researcher | Ph.D. student
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[website here](#)

Research Interests

Human-Computer Interaction, Information Interaction Behavior, Health Informatics, and Personal Informatics

Education

2017 - present	University of Pittsburgh, School of Computing and Information, Pittsburgh, PA, USA Ph.D. in Information Studies <i>Advisor: Dr. Daqing He</i>
2014 - 2016	Syracuse University, School of Information Studies, Syracuse, NY, USA M.S. in Library and Information Science
2007 - 2011	Heilongjiang University, School of Information Management, Harbin, China B.A. in Information Management

Professional Experience

2020 – present	Research Assistant , Alzheimer's disease and related dementia (ADRD) caregivers' information behavior identification in social media <i>Advisors: Dr. Daqing He (PITT), Dr. Bo Xie (UT-Austin)</i> -
2019 – present	Graduate Researcher , Prediabetic adults' lifestyle self-management with H-IoT data <i>Advisor: Dr. Daqing He (PITT)</i> -
2011 – 2013	Project Specialist , Project title <i>Dream Corps, Beijing, China</i> -

Honors and Awards

2017 - present	Teaching Assistant Scholarship, University of Pittsburgh
2018	Bertha G. Louik Scholarship, University of Pittsburgh (\$7,434)
2018	Blanche E. Woolls Scholarship, University of Pittsburgh (\$ 2,500)
2018	Clair Pyle Fund Scholarship, University of Pittsburgh (\$1,184)

Publications

Journal Articles (referred)

- J2. He, D., Wang, Z., Thaker, K., & **Zou, N.** (2020). Translation and Expansion: Enabling Laypeople Access to the COVID-19 Academic Collection. *Data and Information Management*, 4(3), 117 – 190. doi: <http://doi.org/10.2478/dim-2020-0011>
- J1. **Zou, N.**, Liang, S., & He, D. (2020) Issues and challenges of user and data interaction in health related IoT: A systematic review. *Library Hi Tech*, Vol. 38 No. 4, pp. 769 – 782

Conference Proceedings (referred)

- C7. Wang, Z., **Zou, N.**, Xie, B., He, D., Luo, Z., Hilsabeck R. C., & Aguirre, A. (2021). Characterizing dementia caregivers' information exchange on social media: exploring an expert-machine co-development. In *Proceedings of the 2021 iConference*. March 17 – 21, 2021, Beijing, China (changed to virtual meeting due to COVID-19).
- C6. **Zou, N.**, He, D., Liang, S. (2020). "Your Personal Health Data Can Tell": Exploring Prediabetic Adult's Lifestyle Self-Management with H-IoT Technology. *Proc Assoc Inf Sci Technol*. 2020; 57:e387. <https://doi.org/10.1002/pra2.387>
- C5. Ma, R., **Zou, N.** (2020). Asian Informatics: Integrating Cultural Perspective in the iField. The 2020 Association for Library and Information Science Education (ALISE) Conference. Oct 13 – 23, 2020. (changed to virtual meeting due to COVID-19).
- C4. Chi, Y., He, D., Xiao, F., **Zou, N.** (2020). Connections and Disconnections between Online Health Information Seeking and Offline Consequences. The EAI Pervasive Health 2020. Oct 6 – 8, 2020. (changed to virtual meeting due to COVID-19).
- C3. Zhang, D., He, D., **Zou, N.**, Zhou, X., & Pei, F. (2018). Automatic relationship verification in online medical knowledge base: a large-scale study in SemMedDB. In 2018 IEEE International Conference on Bioinformatics and Biomedicine (BIBM) (pp. 1673-1680), Spain, Madrid, Dec 3 – 6, 2018.
- C2. Xiao, F., Lyon, L., **Zou, N.**, & Gradeck, RM. (2018). Emerging Roles for Optimising Re-Use of Open Government Data. In 13th International Digital Curation Conference, Barcelona, Spain, Feb 19 – Feb 22, 2018.
- C1. Qin, J., & **Zou, N.** (2017). Structures and Relations of Knowledge Nodes: Exploring a Knowledge Network of Disease from Precision Medicine Research Publications. In *iConference 2017 Proceedings* (pp. 56–65), Wuhan, China, March 22 – 25, 2017.

Invited talks

2019. 12 *"From data to action: exploring older adults with prediabetes lifestyle self-management with H-IoT technology"*
2019 Aging and Health Informatics Conference, UT-Austin, Austin, TX.

Teaching experience

Graduate-level course assistant

University of Pittsburgh, Pittsburgh, USA

LIS2021: Identifying Information Needs in Knowledge Organizations	Fall 20, Fall 19
LIS2771: Academic Libraries	Fall 20
LIS2023: Integrating Solutions for Knowledge Organizations	Summer 20
LIS2030: Data and Information in Systems	Spring 20
INFSCI2140: Information Storage and Retrieval	Fall 18, Spring 19
INFSCI2440: Artificial Intelligence	Fall 18, Spring 19
LIS2850: Information Professional's Role in Teaching and Learning	Summer 18
LIS2975: Research Data Management	Fall 17, Spring 18

Graduate-level course designer

University of Pittsburgh, Pittsburgh, USA

LIS2030: Data and Information in Systems	Summer 19
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Services

Reviews

I served as a reviewer for the following journals and conferences:

- Aslib Journal of information Management (SSCI)
- Journal of Librarianship & Information Science (SSCI)
- ASIS&T Asia-Pacific Regional Conference

University, school and program services

- Pitt SCI Faculty Search Committee (2018 - 2019)
- IDCC student volunteer (2018)

Skills

Research Methods: Contextual design, experiment design, ethnography, field study, participatory design, diary study, interview, survey, usability testing, qualitative/quantitative data analysis.

Programming: Python, JavaScript, Html, CSS, R, SQL.

Software: Matlab, MySQL, Tableau, Gephi.

Tools: Adobe Creative Suite, Figma, SPSS.