

Associate Professor

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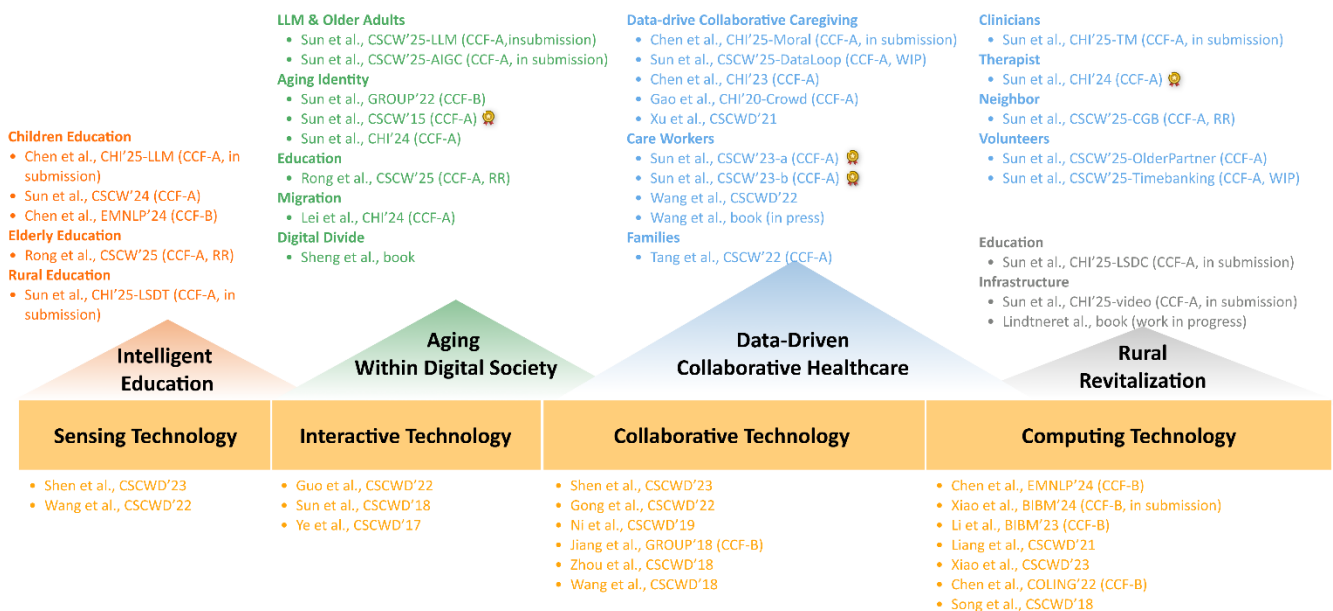
W. <https://www.yulingsun.net/>

Short Bio

I am an Associate Professor in the School of Computer Science and Technology at East China Normal University, Shanghai, China, and before that a post-doctoral fellow at Institute of Computer Applications of East China Normal University with Prof. Liang He. I received my Ph.D. in Computer Science at Fudan University, Shanghai, China in 2016. My advisor was Prof. Ning Gu.

My research lies at **Human-computer Interaction (HCI)**, **Computer Supported Collaborative Work (CSCW)**, and **Social Computing**. My current work primarily focuses on issues of human-AI/data interaction, particularly in **aging**, **healthcare**, **education**, **urban governance**, and **rural revitalization**. I adopt socio-technical approaches including qualitative, ethnographic, human-engaged computing, participatory design, crowdsourcing and others for better digital service. In addition, I have extensively collaborated with machine learning and AI researchers on various topics such as education, healthcare, aging and digital governance. By combining social and technical approaches, my goal is that computing technologies can be designed to unlock the potential of individuals, support collaborations, promote individual and social wellbeing, and create positive societal impact.

My research is published in top venues of HCI and social computing fields, such as **ACM CSCW**, **ACM CHI**, **ACM GROUP**, etc., winning several impactful academic and technological awards, such as **Best Paper Award @CHI'24**, **Best Paper Award @CSCW'15**, **Recognition for Contribution to Diversity and Inclusion @CSCW'23**, **CSCW impact recognition award @CSCW'23**, **Shanghai technological progress award** etc. I have been invited to give talks at many impactful international conferences and forums, such as 2023 UNESCO Digital Learning Week, 2022 World Artificial Intelligence Conference, 2021 Global Smart City Conference, etc. My researchers are funded by National Natural Science Foundation of China, Shanghai Science and Technology Innovation Action Plan Project, Shanghai Informationization Development Special Fund Project, etc.



Research Interests

Human-Computer Interaction, Computer-Supported Collaborative Work, Social Computing, Human-centered AI, Human-Engaged Computing, Human-AI Collaboration

Specific application domains: Aging, healthcare, education, rural revitalization, digital governance

Education

2012.09-2016.06	Computer Science, Fudan University	Ph.D.
Thesis: <i>Socio-Technical Analysis Method and Design for Vulnerable Group</i>		Advisor: Prof. Ning Gu
2009.09-2012.06	School of Computer Science, Shandong Normal University	M.S.
2005.09-2009.06	Information Science, Shandong Normal University	B.Sc.

Appointments

2024.10-2025.06	Hughes Fellow, University of Michigan
2022.10-2023.05	Project Assistant, Center for Chinese Studies, University of Michigan
2018.12-Present	Associate Professor, East China Normal University
2018.06-Present	Director, ECNU-izhaohu Joint Laboratory of Data-driven Elderly Care
2016.07-2018.12	Postdoc Fellow, East China Normal University

Selected Awards

Hughes Fellowship. University of Michigan, 2024.

Best Paper Award. Technology-Mediated Non-pharmacological Interventions for Dementia: Needs for and Challenges in Professional, Personalized and Multi-Stakeholder Collaborative Interventions, ACM CHI 2024, 1/5.

Recognition for Contribution to Diversity and Inclusion Award. Care Workers' Wellbeing in Data-Driven Healthcare Workplace: Identity, Agency, and Social Justice, ACM CSCW 2023, 1/4.

Impact Recognition Award. Data Work of Frontline Care Workers: Practices Problems and Opportunities in the Context of Data-Driven Long-Term Care ACM CSCW 2023, 1/4.

DiMTAIC Second Prize. AIGC-based Real-Time Care Solution for Alzheimer's Disease. 2023 Digital Medicine Technology and Application Innovation Competition (DiMTAIC), 2023.

CCF Technical Public Welfare Case. Intelligent Care Center: Data-Driven Inclusive Long-Term Care Platform for Older Adults Aging-in-place, 2023.

Shanghai Technological Progress Award. Family Smart Care Center: Data-Driven Inclusive Long-Term Care Platform for Elderly in Family Settings, 2022, 1/10.

Classic Case. Data-Driven Inclusive Care Service System for Elderly Aging in the Communities. China Healthy Aging Development Blue Book, 2022.

Classic Case. Intelligent All-Coverage Care Community (IACC). China Healthy Aging Development Blue Book, 2021.

Best Paper Award. Reliving the past & making a harmonious society today: A study of elderly

electronic hackers in China, ACM CSCW 2015, 1/5.

Chinese National Scholarship.

Book or Book Chapter

Xinyuan Wang, **Yuling Sun**. Rethinking Data in Healthcare: Exploring Vernacular Digital Practices and Narrative Data in An Elderly Care Institute. *Digital Anthropology in China*, 2024, in press. **AI4Aging**

Yuling Sun, et al. The International Strategies for Bridging Digital Divide. *Bridge the Digital Divide*. Xuefeng Sheng (Ed.). Tongji Press, 2023. **AI4Aging**

Paper in Submission (name* is corresponding author)

Yuling Sun*, Jiaju Chen, Xiaomu Zhou, Bingsheng Yao, Kai Zhang, Dakuo Wang, Liang He. Towards More Equitable Technology-Mediated Education in Disadvantaged Areas: A Study of Live-Streaming-Based Dual-Teacher Class in China. CHI 2025 (In submission). **CCF-A AI4EDU-Children**

Yuling Sun*, Minglong Tang, Zhicong Lu, Liang He. “Douyin is My Mental Pabulum”: Exploring the Infrastructuralization Process of Short Video Platform from Rural People’s Perspective. CHI 2025 (In submission). **CCF-A AI4RuralAging**

Yuchen Chen, Silvia Lindtner, **Yuling Sun***. The Moral Economy of the Sociotechnical Gap: Computing’s Affective Turn. CHI 2025 (In submission). **CCF-A AI4Aging**

Yuling Sun*, Wenjing Yue, Xiaofu Jin, Shuai Ma, Xiaoling Wang. Exploring Clinicians’ Needs, Experience, Perception to AI-Empowered Traditional Medicine. CHI 2025 (In submission). **CCF-A AI4Healthcare**

Jiaju Chen, Minglong Tang, Yuxuan Lu, Bingsheng Yao, Dakuo Wang, **Yuling Sun***. Characterizing LLM-Empowered Personalized Story Reading and Interaction for Children Through a Design-based Study. CHI 2025 (In submission). **CCF-A AI4EDU-Children**

Yuling Sun*, Yuchen Chen, Xiaojuan Ma, Liang He. Fragmented Infrastructure and Invisible Maintainers: Unpacking Data-driven Aging in Place Through Data Lens. CSCW 2025 (in submission). **CCF-A AI4Aging**

Yuling Sun*, Yuchen Chen, Xiaojuan Ma, Liang He. Exploring Practices, Problems and Promise of Time Banking System for Aging in Place. CSCW 2025 (in submission). **CCF-A AI4Aging**

Yuling Sun*, Minglong Tang, Xiaojuan Ma, Liang He. When Large Language Models Meet Older Adults: Investigating Using Pattern, Potential and Promise Through a Mixed-Method Study. CSCW 2025 (work in progress). **CCF-A AI4Aging**

Yuling Sun*, Minglong Tang, Zhennan Yi, Junyan Mao, Xiaojuan Ma, Xin Tong. Narrative Lifestory Book: Designing and Probing AIGC-Empowered Non-Pharmaceutical Intervention for Dementia. CSCW 2025 (work in progress). **CCF-A AI4Aging**

Yuling Sun*, Yuchen Chen, Xiaojuan Ma, Liang He. Community Group Buying as a Form of Solidarity Movement: Infrastructure and Infrastructuring. CSCW 2025 (major revision). **CCF-A AI4Governance**

Ethan Rong, Jifan Shen, **Yuling Sun***, Zhicong Lu. Infrastructure, Collaboration, and Engagement: Self-Organized and Autonomous Ecosystems that supports Live-Streaming-Based Learning for Older Adults. CSCW 2024 (major revision). **CCF-A AI4EDU-Aging**

He Xiao, Xingjiao Wu, Jialiang Tong, Li Bangyan, **Yuling Sun***. Chinese Elderly Healthcare-Oriented

Conversation: CareQA Dataset and Its Knowledge Distillation Based Generation Framework. BIBM 2024 (in submission). CCF-B AI4Healthcare/Aging

Published Paper (name* is corresponding author)

2025 Yuling Sun*, Sam Ankenbauer, Zhifan Guo, Yuchen Chen, Xiaojuan Ma, Liang He. Rethinking Technological Solutions for Community-Based Older Adult Care: Insights from ‘Older Partners’ in China. CSCW 2025. CCF-A AI4Aging

2024 Jiaju Chen, Yuxuan Lu, Bingsheng Yao, ..., Dakuo Wang, Yuling Sun*. StorySpark: Expert-Annotated QA Pairs with Real-World Knowledge for Children Storytelling. EMNLP 2024. CCF-B AI4EDU

Yuling Sun, Jiaju Chen, Bingsheng Yao, Dakuo Wang, Xiaojuan Ma, et al. Exploring Parent’s Needs for Children-Centered AI to Support Preschoolers’ Storytelling and Reading Activities. *Proceedings of the ACM on Human-Computer Interaction*, 7(CSCW1) (CSCW 2024). CCF-A AI4EDU-Children

Yuling Sun, Zhennan Yi, Xiaojuan Ma, Junyan Mao, Xin Tong. Technology-Mediated Non-pharmacological Interventions for Dementia: Needs for and Challenges in Professional, Personalized and Multi-Stakeholder Collaborative Interventions. *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems 2024 (CHI 2024)*. (Best Paper Award) CCF-A AI4Aging

Ying Lei, Shuai Ma, Yuling Sun*. Unpacking ICT-supported Social Connections and Support of Late-life Migration: From the Lens of Social Convoys. *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems 2024 (CHI 2024)*. CCF-A AI4Aging

Min Wang, Yuling Sun*. A Systematic Literature Review of Current Research on Smart Technologies for the Elderly. *Computer Application and Software*, 2024.

2023 Bangyan Li, Xingjiao Wu, Yuling Sun*, Liang He. A Dynamic Composite Ensemble Learning Framework for Multi-Stage Dementia Prediction. *Proceedings of 2023 IEEE International Conference on Bioinformatics and Biomedicine (BIBM 2023)*. CCF-B AI4Aging

Yuling Sun, Xiaojuan Ma, Silvia Lindtner, Liang He. Care Workers’ Wellbeing in Data-driven Healthcare Workplace: Identity, Agency, and Social Justice. *Proceedings of the ACM on Human-Computer Interaction*, 7(CSCW2) (CSCW 2023) (Recognition for Contribution to Diversity and Inclusion Award). CCF-A AI4Aging

Yuling Sun, Xiaojuan Ma, Silvia Lindtner, Liang He. Data Work of Frontline Care Workers: Practices, Problems, and Opportunities in Data-Driven Long-term Care. *Proceedings of the ACM on Human-Computer Interaction*, 7(CSCW1) (CSCW 2023) (Impact Recognition Award). CCF-A AI4Aging

Yuchen Chen, Yuling Sun*, Silvia Lindtner. Maintainers of Stability: The Labor of China’s Data-Driven Governance and Dynamic Zero-COVID. *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI 2023)*. CCF-A AI4Governance

Jifan Shen, Yuling Sun*. Privacy-Preserved Video Monitoring Method with 3D Human Pose Estimation. *Proceedings of 2023 26th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2023)*. CCF-C AI4Aging

He Xiao, Yuling Sun*. “Policies Look for the Elderly”: A Knowledge Graph Based Care Information

Recommendation System. *Proceedings of 2023 26th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2023)*. CCF-C AI4Aging

Ruiqi Chen, Shuhe Wang, Xuhai Xu, Lan Wei, **Yuling Sun**, Xin Tong. Design and Evaluation of a VR Therapy for Patients with Mild Cognitive Impairment and Dementia: Perspectives from Patients and Stakeholders. *Proceedings of 2023 IEEE Conference on Virtual Reality and 3D User Interfaces Abstracts and Workshops*.

- 2022 Shaobin Chen, Jie Zhou, **Yuling Sun***, Liang He. An Information Minimization Based Contrastive Learning Model for Unsupervised Sentence Embeddings Learning. *Proceedings of the 29th International Conference on Computational Linguistics (COLING 2022)*. CCF-B AI4Aging

Xinru Tang, **Yuling Sun***, Bowen Zhang, Zimi Liu, Ray LC, Zhicong Lu, and Xin Tong. "I Never Imagined Grandma Could Do So Well with Technology": Evolving Roles of Younger Family Members in Older Adults' Technology Learning and Use. *Proceedings of the ACM on Human-Computer Interaction*, 6(CSCW2) (CSCW 2022). CCF-A AI4Aging

Yuling Sun, Xiaojuan Ma, Kai Ye, Liang He. Exploring Crowdworkers' Identity, Perception and Practices in Micro-Task Crowdsourcing. *Proceedings of the ACM on Human-Computer Interaction*, 6(GROUP) (GROUP 2022). CCF-B Crowd Intelligent

Yong Ding, **Yuling Sun**, Xiaoying Qu. Digital Technology driven Inclusive Care System for Elderly Community. *Blue Book of The Development of Healthy Aging in China*, 246-269, 2022.

Bin Wang, Jin Zhao, **Yuling Sun***. Caregiving in Digital Healthcare Setting: Impacts of Data-driven Technologies to Caregivers in Practice. *Proceedings of 2022 IEEE 25th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2022)*. CCF-C AI4Aging

Jiancong Guo, Bin Wang, Jin Zhao, **Yuling Sun***. CareMap: Human-Space-Service Based Healthcare Modeling and Quantifying for the Elderly Aging in Place. *Proceedings of 2022 IEEE 25th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2022)*. CCF-C AI4Aging

Bin Wang, Xingjiao Wu, et al., **Yuling Sun***. Lightweight Network Based Real-time Anomaly Detection Method for Caregiving at Home. *Proceedings of 2022 IEEE 25th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2022)*. CCF-C AI4Aging

- 2021 Mengwen Liang, Jie Zhou, **Yuling Sun***, Liang He. Working with Few Samples: Methods that Help Analyze Social Attitude and Personal Emotion. *Proceedings of 2021 IEEE 24th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2021)*. CCF-C AI4Aging

Qingyu Xu, **Yuling Sun***, Liang He. Design Considerations for Information Collaboration in Long-term Senior Care System. *Proceedings of 2021 IEEE 24th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2021)*. CCF-C AI4Aging

- 2020 Ge Gao, **Yuling Sun***, Yongle Zhang. Engaging the Commons in Participatory Sensing: Practice, Problems, and Promise in the Context of Dockless Bikes sharing. *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems (CHI 2020)*. CCF-A Crowd Intelligent

- 2019 Liuqian Ni, **Yuling Sun***, Yanqin Yang, Liang He. Human-Engaged Health Care Services Recommendation for Aging and Long-term Care. *Proceedings of 2019 IEEE 23rd International Conference on Computer*

Supported Cooperative Work in Design (CSCWD 2019).

CCF-C AI4Aging

Miaomiao Gong, **Yuling Sun***, Liang He. A Social Network Engaged Crowdsourcing Framework for Expert Tasks. *Proceedings of 2019 IEEE 23rd International Conference on Computer Supported Cooperative Work in Design (CSCWD 2019).*

CCF-C Crowd Intelligent

- 2018** **Yuling Sun***, Yan Tang, Liang He. USee: An Online-Offline Hybrid Danmaku Social System. *Proceedings of 2018 IEEE 22nd International Conference on Computer Supported Cooperative Work in Design (CSCWD 2018).*

CCF-C Crowd Intelligent

Yu Jiang, **Yuling Sun***, Jing Yang, Xin Lin, Liang He. Enabling Uneven Task Difficulty in Micro-Task Crowdsourcing. *Proceedings of the 2018 ACM International Conference on Supporting Group Work (GROUP 2018).*

CCF-B Crowd Intelligent

Jie Zhou, **Yuling Sun***, Liang He. A Data Driven Collaborative Caring Framework for Aging in Place in China. *Proceedings of 2018 IEEE 22nd International Conference on Computer Supported Cooperative Work in Design (CSCWD 2018).*

CCF-C AI4Aging

Meihong Wang, **Yuling Sun***, Jing Yang, Liang He. Enabling the Disagreement among Crowds: A Collaborative Crowdsourcing Framework. *Proceedings of 2018 IEEE 22nd International Conference on Computer Supported Cooperative Work in Design (CSCWD 2018).*

CCF-C Crowd Intelligent

Yang Song, **Yuling Sun***, Qinmin Hu, Liang He. An Interaction Embedded Framework for Healthcare Search. *Proceedings of 2018 IEEE 22nd International Conference on Computer Supported Cooperative Work in Design (CSCWD 2018).*

CCF-C AI4Aging

Jie Zhou, **Yuling Sun***, Liang He. Multi-Model Hybrid Traffic Flow Forecast Algorithm Based on Multivariate Data. *Proceedings of 13th CCF Conference of Computer Supported Cooperative Work and Social Computing (ChineseCSCW 2018).*

- 2017** **Yuling Sun**, Tun Lu, Ning Gu. A Method of Electronic Health Data Quality Assessment: Enabling Data Provenance. *Proceedings of 2017 IEEE 21st International Conference on Computer Supported Cooperative Work in Design (CSCWD 2017).*

CCF-C AI4Aging

Kai Ye, **Yuling Sun***, Jing Yang, and Liang He. Enabling Social Network: An Exploration of Crowdsourcing System. *Proceedings of the 12th Chinese Conference on Computer Supported Cooperative Work and Social Computing (ChineseCSCW 2017).*

Kai Ye, **Yuling Sun***, Jing Yang, Liang He. WeCrowd: A WeChat based Mobile Crowdsourcing Platform. *Proceedings of 2017 IEEE 21st International Conference on Computer Supported Cooperative Work in Design (CSCWD 2017).*

CCF-C Crowd Intelligent

Tun Lu, **Yuling Sun**, Ning Gu. CSCW 2017 - Conference on Computer-Supported Cooperative Work and Social Computing. *CCF Communications*, Vol. 13, No. 4, April 2017: 68-71.

Yuling Sun, Kai ye, Liang He. Ageing with the Help of AT: Learning from a Study of Seniors Using AT in China. In *ACM CSCW 2017 Workshop*.

- 2015** **Yuling Sun**, Tun Lu, Ning Gu. A Provenance-based Personalized Recommendation Method in Assistive Device Matching for Disabled. *Proceedings of the 10th Chinese Conference on Computer Supported Cooperative Work and Social Computing (ChineseCSCW 2015).*

Yuling Sun, Silvia Lindtner, Xianghua Ding, Tun Lu, Ning Gu. Reliving the Past & Making a Harmonious Society Today: A Study of Elderly Electronic Hackers in China. *Proceedings of the 18th ACM Conference on Computer Supported Cooperative Work & Social Computing (CSCW 2015)* (**Best Paper Award**).

CCF-A AI4Aging

2014 **Yuling Sun**, Xianghua Ding, Silvia Lindtner, Tun Lu, Ning Gu. Being senior and ICT: a study of seniors using ICT in China. *Proceedings of the SIGCHI Conference on Human factors in Computing System 2014 (CHI 2014)*.

CCF-A AI4Aging

Earlier Hong Liu, **Yuling Sun***. Task Assignment Approach in a Multi-Agent System. *Proceedings of the 2012 IEEE 16th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2012)*.

CCF-C Crowd Intelligent

Hong Liu, **Yuling Sun**, Yuanyuan Li. Modeling and Path Generation Approaches for Crowd Simulation Based on Computational Intelligence, *Chinese Journal of Electronics*, 2012, 21(4): 636-641.

CCF-A Crowd Intelligent

Yuling Sun, Hong Liu. Dynamic Path Planning Algorithm for Artificial Bee Colony Based on Octree Modeling, *Computer Engineering*, 2012, 38(20): 120-124.

Xiaowei Zhang, Hong Liu, **Yuling Sun**. A Player Tracking Algorithm of Multi-Feature Adaptive Fusion, *Computer Engineering*, 2012, 38(17): 214-218.

Huijie Zheng, Hong Liu, Xiangwei Zheng, **Yuling Sun**. Group Search Optimization Algorithm of Differential Variation Based on Simulated Annealing. *Computer Engineering*, 2012, 38(17): 178-181.

Hong Liu, **Yuling Sun**. A Dynamic Task Assignment Approach Based on Artificial Bee Colony Algorithm in a Multi-Agent Cooperative Design System. *Proceedings of Asian Conference on Design and Digital Engineering 2011 (ACDDE 2011)*.

Hong Liu, **Yuling Sun**. A Role Modelling Approach for Crowd Animation in a Multi-Agent Cooperative System. *Proceedings of the 2011 15th International Conference on Computer Supported Cooperative Work in Design (CSCWD 2011)*.

CCF-C Crowd Intelligent

Yuling Sun, Hong Liu. Path generation Method of Group Animation based on Artificial Bee Colony Algorithm, *Computer Engineering*, 2011, 37(22): 131-133.

Hong Liu, **Yuling Sun**. A Cooperative Crowd Simulation System Based on Computational Intelligence. In *ACM CSCW 2011 workshop*.

Jie Cao, **Yuling Sun**. Concurrency Control Mechanism in Maya Collaborative Design System, *Computer Engineering*, 2011, 37(23): 291-293.

Patents

Jialiang Tong, **Yuling Sun**. A SuStaln-Advance Based Disease Staging and Subtype Identification Method. 202410369229.6.

Jialiang Tong, **Yuling Sun**. A Care Q&A Model Training Method Based on Transfer Learning and Expert Feedback. 202311528596.8.

Yuling Sun, Bangyan Li. A Cognitive Disorder Prediction Method Based on Composite Ensemble

Learning. 202311519864.X.

Yuling Sun, Shaobin Chen. An Unsupervised Sentence Representation Learning Method Without Negative Samples. 202310581403.9.

Yuling Sun, Shaobin Chen. An Unsupervised Sentence Representation Learning Method Based on Redundant Information Filtering. 202310508625.8.

Yuling Sun. A Work Quantification Method for Grassroots Care Workers. 202310514770.7.

Yuling Sun. An Unsupervised Sentence Representation Learning Method Based on Synthetic Data. 202310546138.0.

Yuling Sun, Dong Yao, Liang He. A Rule-Driven Collaborative Interactive Space Layout Automatic Design Method. ZL202010021651.4.

Selected Talks

Invited Speaker. ChineseCSCW 2024 Forum for Outstanding Scholars, Hohhot, China "Research Roadmap of Technology-Mediated Collaborative Care for Older Adults"	2024.07
Invited Speaker. ChineseCSCW 2024 Forum of Top-Venue Papers, Hohhot, China "Technology-Mediated NPI for Dementia"	2024.07
Invited Speaker. Shandong University, Weihai, China "Data-driven Collaborative Care for People with Dementia: Practices, Problems and Promise"	2024.04
Invited Speaker. Duke Kunshan University, Kunshan, China "Unpacking Technology-Mediated Collaborative Care for People with Dementia"	2024.01
Invited Speaker. China Healthcare Innovation & Development Forum, Shanghai, China "AIGC-based long-term care solution"	2024.01
Invited Speaker. "Sci-Tech China" Intelligent Health Forum, Beijing, China "Family Wisdom Care: A data-driven inclusive long-term care platform"	2023.10
Invited Speaker. UNESCO 2023 Digital Learning Week, Paris, France "EduChat: A Large Language Model Based Chatbot System for Intelligent Education"	2023.09
Invited Speaker. ChineseCSCW Summer School, Suzhou, China Qualitative Study in CSCW	2023.08
Invited Speaker. Tsinghua University, Beijing, China "Being Senior and ICT"	2022.12
Invited Speaker. 2022 World Artificial Intelligence Conference, Shanghai, China "Artificial Intelligence for the Elderly: Empowerment or Negativity"	2022.09
Invited Speaker. Shanghai Jiaotong University, Shanghai, China "Data-driven or Labor-driven? Unpacking Data-driven Elderly Care"	2022.01
Invited Speaker. 2021 Global Smart City Conference, Shanghai, China Exploring Smart Life from the Perspective of Social Computing	2021.11

Funded Projects

Shanghai Science and Technology Innovation Action Plan Project. The Theory, Design, and Practices for Artificial Intelligence Governance (21511104500). Co-PI, 2021.11-2024.10, RMB 2,000,000.

National Intelligent Social Governance Project. Shanghai Changning District Elderly Characteristic Experimental Base. CI, 2021.10-2024.10.

Shanghai Informationization Development Special Fund Project. Facility, Community, and Family Integrated Data-Driven Elderly Healthcare and Large-Scale Application Demonstration. CI, 2021.12-2023.12, RMB 400,000.

Open Project of Shanghai Key Laboratory of Intelligent Information Processing. Research on Multi-Discipline Knowledge Sharing and Collaborating Mechanism in Elderly Healthcare. PI, 2021.10-2022.10, RMB 30,000.

Tongji University. Social Supporting System Research and Analysis in Kongjiang District Shanghai. PI, 2021.01-2021.11, RMB 550,000.

Shanghai City Running Center. Digital signs of Future Digital City. PI, 2020.12-2021.02, RMB 100,000.

ACM SIGCHI Early Career Grants. Issues of aged-care in Digital World. PI, 2019.09-2020.09, USD 2,200.

Shanghai izhaohu Care Center. Future Data-driven Elderly Care. PI, 2018.06-2021.06, RMB 750,000.

National Natural Science Foundation of China – Youth Program. Research on Modeling and Interactive Mechanism of Situated Collaborative Caring Behavior Oriented Home-Based Elderly. PI, 2018.01-2020.12, RMB 310,000.

Shanghai Action Projects of Technological Innovation. Medical Healthcare Oriented Big Data Mining Platform and Application Paradigm. CI, 2017.07-2019.06, RMB 100,000.

National Natural Science Foundation of China – General Program. Research on Crowdsourcing-based Knowledge Graph Refinement. Main participant. CI, 2018.01-2021.12.

National Key Research and Development Program of China “Intelligent Robot” Key Special Projects. Biological-Computational Intelligent Interaction and Biological-Computational-Electrical Integration Robotics Technology. CI, 2018.01-2020.12.

Open Project of Shanghai Key Laboratory of Multidimensional Information Processing. Research on Social Ecology Embedded Knowledge Sharing and Interaction in Aged Care. PI, 2017.06-2018.06, RMB 20,000.

Open Project of Shanghai Key Laboratory of Data Science. Research on Context-Based Caring Behavioral Analysis and Interactive Mechanism Oriented Home-Based Elderly. PI, 2017.10-2018.10, RMB 20,000.

Shanghai Post-doctoral Innovation Practice Program. Internet-Based Affordable Educational Programming Robot. Co-PI, 2017.10-2018.10, RMB 50,000.

National Natural Science Foundation of China – Major Program. Theories and Methods for Social Order Oriented Social Computing. Participant, 2014.01-2018.12.

Mentoring Experience

Jiali Liu, PhD student (2024-), Institute of AI Education, Shanghai

Hao Tong, PhD student (2023-), Institute of AI Education, Shanghai

Bangyan Li, Master student (2023-), School of Computer Science, ECNU
Jifan Shen, Master candidate (2022-), School of Computer Science, ECNU
He Xiao, Master candidate (2022-), School of Computer Science, ECNU
Jiancong Guo, Master candidate (2021-2024), School of Computer Science, ECNU
Mengwen Liang, Master student (2020-2023), School of Computer Science, ECNU
Shaobin Chen, Master student (2020-2023), School of Computer Science, ECNU
Jin Yang, Master student (2020-2023), School of Computer Science, ECNU
Qingyu Xu, Master student (2019-2022), School of Computer Science, ECNU
Liuqian Ni, Master student (2018-2021), School of Computer Science, ECNU
Miaomiao Gong, Master student (2018-2021), School of Computer Science, ECNU
Meihong Wang, Master student (2018-2021), School of Computer Science, ECNU
Yu Jiang, Master student (2017-2020), School of Computer Science, ECNU
Kai Ye, Master student (2017-2020), School of Computer Science, ECNU

Language

Chinese (native)

English (fluent)