



Wisconsin Institute for Healthcare Systems Engineering

UNIVERSITY OF WISCONSIN-MADISON

WIHSE organizes two roundtables to develop a pre-proposal for an NSF Engineering Research Center on Healthy and Safe Aging

The Wisconsin Institute for Healthcare Systems Engineering (WIHSE) organized the second of two roundtables to develop the research roadmap for a National Science Foundation (NSF) Engineering Research Center on Healthy and Safe Aging. Through the first roundtable discussions, three primary research thrusts were identified: 1) multi-modal sensing sociotechnical systems for HSA at home, 2) multi-level data-to-sense-making cycle (harnessing data) for older persons/patients, caregivers and clinicians, and 3) safe integration and implementation of patient-centered and integrated technologies for HSA. The second roundtable served to identify fundamental engineering research questions and associated barriers, and the barriers and solutions to developing, disseminating and implementing technologies (sociotechnical systems). A diverse group of 45 participants, including faculty from various Universities and schools (engineering, SMPH, nursing, pharmacy), staff, students, and industry professionals, contributed to the fruitful discussions. The results of the two roundtables were used in developing the pre-proposal for an NSF Engineering Research Center on Healthy and Safe Aging. The pre-proposal was recently submitted to NSF and we hope to be selected for the next round of full proposals. With your collaboration and support, we will begin to work on the full proposal.

[Nicole Werner to advance to second round of national CSHCN Challenge](#)

Congratulations Nicole for advancing to the second phase of a national competition to create technology that benefits children with special healthcare needs! The Care Coordination for Children with Special Health Care Needs (CSHCN) Challenge supports innovative technology-based solutions that improve the quality of care, enhance family engagement, and positively impact health outcomes for families of children with special health care needs.

Jinshan Li selected as an IEEE Distinguished Lecturer

The IEEE Robotics and Automation Society (RAS) Distinguished Lecturer Program is aimed at promoting the research areas of the IEEE RAS as identified by its Technical Committees. Jingshan Li has been selected as an IEEE Distinguished Lecturer in the Automation in Healthcare Management Technical Committee. Congratulations Jingshan!

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