



**Wisconsin Institute for
Healthcare Systems Engineering**
UNIVERSITY OF WISCONSIN-MADISON

AWORD FROM WIHSE

JUNE/JULY 2020

News

WIHSE WELCOMES NEW MEMBERS

We are excited to welcome Professor Hongrui Jiang from the Electrical and Computer Engineering Department to the WIHSE Executive Committee and Professor Nicole Werner from the Industrial and Systems Engineering Department joins the WIHSE Leadership Team as a new Associate Director! We look forward to the knowledge and insight they will provide as WIHSE continues to expand outreach and impact.

WIHSE GRADUATE FELLOWSHIP

To foster research collaborations between engineering and health scientists and health care practitioners, WIHSE has developed the WIHSE Graduate Fellowship in partnership with ICTR CAP. The primary goals are to 1) expose ICTR CAP health sciences faculty to the wide range of engineering disciplines involved in WIHSE and 2) expose engineering PhD students and their advisors to research that spans the disciplines of engineering and the health sciences. WIHSE has awarded its first WIHSE Graduate Fellowship to ISyE graduate student, Hanna Barton (advisor, Professor Nicole Werner from Industrial and Systems Engineering and health sciences faculty collaborator, Dr. Ryan Collier from the Department of Pediatrics). We are excited about the development of this collaborative relationship!

Upcoming Events

2021 WIHSE CONFERENCE

We are planning to hold the WIHSE conference in the spring of 2021. We remain committed to addressing how to design health care work systems and processes for vulnerable populations; this is critical especially in times of health crisis such as the COVID-19 crisis. Stay tuned for news and announcements about our conference!

Congratulations are in order!

WIHSE COLLEAGUE GABRIEL ZAYAS-CABAN RECEIVES INAUGURAL ASSISTANT PROFESSORSHIP

Congratulations WIHSE Executive Committee member Gabriel Zayas-Caban for receiving the inaugural Jane R. and Jack G. Mandula Assistant Professor in the College of Engineering. We are proud to have you as our colleague!

WIHSE ASSOCIATE DIRECTOR PROFESSOR JINGSHAN LI AND PROFESSOR LAURA ALBERT INDUCTED AS IISE FELLOWS

The Institute of Industrial and Systems Engineering Fellow Award is the highest classification of IISE members. The award celebrates significant and nationally recognized accomplishments in ISyE.

PROFESSOR CARAYON HAS BEEN ELECTED TO ISQUA ACADEMY OF QUALITY AND SAFETY IN HEALTH CARE

Congratulations to Professor Carayon for being elected to the ISQUA Academy of Quality and Safety in Health Care! She is now one of 80 members worldwide.

Publication Highlights

- Supporting Patients with Complex Health Needs Using Human Factors Engineering <https://medium.com/@WiscEngrMag/supporting-patients-with-complex-health-needs-using-human-factors-engineering-29ac930dc9d9>
- A Sociotechnical Systems Approach Toward Tailored Design for Personal Health Information Management <https://pxjournal.org/journal/vol7/iss1/10/>
- Work System Barriers and Facilitators in Inpatient Care Transitions of Pediatric Trauma Patients <https://www.sciencedirect.com/science/article/pii/S0003687020300156?via%3Dihub>

Keep in touch with WIHSE!

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