



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

AWORD FROM WIHSE

APRIL/MAY 2020

Notes

In these pressing times of COVID-19, the WIHSE community has adapted well to collaborating remotely. Some of our highlights are included in this month's newsletter and can also be found on our website at: <https://wihse.engr.wisc.edu/about/wihse-news/>

Upcoming Events

2021 WIHSE Conference

We are planning to hold the WIHSE conference in the spring of 2021. Stay tuned for a save-the-date!

News

[On April 29, WIHSE Director Pascale Carayon and Shawna Perry, Associate Professor, University of Florida Health Department of Emergency Medicine presented a webinar, "An Overlooked Intersection: Human Factors Systems Approach and The COVID-19 Healthcare Crisis", organized by the International Society for Quality in Health Care \(ISQua\)](#)

WIHSE Associate Director, Oguzhan Alagoz has led the development of models that are among the tools aiding health officials in Dane County and south-central Wisconsin as they prepare for and respond to COVID-19. He has worked with SMPH and UW Health to develop and refine the models and has shared his efforts with the WI DHS.

Press releases: <https://news.wisc.edu/uw-madison-engineer-works-with-local-health-leaders-to-develop-covid-19-prediction-models/> and https://www.engr.wisc.edu/news/uw-madison-engineer-works-with-local-health-leaders-to-develop-covid-19-prediction-models/?utm_medium=social&utm_source=twitter&utm_campaign=COE_MKT&utm_content=ISYE

Through the Badger Shield Initiative, WIHSE collaborator Professor Justin Boutilier worked with BME graduate student Rebecca Alcock and Professor Auyon Siddiq at UCLA Anderson School of Business to develop an optimization model that automates the process of matching manufacturers with organizations in need of face shields (website: <https://shield-net.org/>). Their work has been highlighted by many organizations including [UW news](#), [Wired](#), [The Cap Times](#), and the [Wall Street Journal](#). They have also submitted an NSF RAPID grant proposal for this project.

WIHSE Book Club: WIHSE researchers met to discuss Wears, R. L., & Sutcliffe, K. M. (2020). *Still not safe: Patient safety and the middle -managing of American medicine*.



Congratulations are in order!

[Congratulations Pascale Carayon for being named in Becker's Hospital Review as a top patient safety expert!](#)

[Congratulations to Professor Carayon as she has been elected to ISQua's Academy of Quality and Safety in Health Care.](#) She is now one of 80 members worldwide, Congratulations Professor Carayon!

[Congratulations to Professors Jingshan Li and Laura Albert as being named as IISE fellows!](#) The IISE Fellow Award is the highest classification of IISE members. The award celebrates significant and nationally recognized accomplishments in ISyE.

Publication Highlights

- SEIPS 3.0: Human-centered design of the patient journey for patient safety
<https://www.ncbi.nlm.nih.gov/pubmed/31987516>
- Conceptualizing caregiving activities for persons with dementia (PWD) through a patient work lens <https://www.ncbi.nlm.nih.gov/pubmed/32174358>

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