Wednesday, March 22, 2023

11:00am–11:45am

Lynne Dearborn
CAS Associate 2021–22, Architecture

The Role of Place in Health-supporting Approaches to Affordable Housing Provision

Through an examination of state-grouped case studies of housing produced through the Low Income Housing Tax Credit (LIHTC), this presentation illustrates ways that State Housing Finance Agencies respond to place-specific qualities when framing policies that prioritize health-associated concerns, despite an anti-regulatory climate in the U.S. and societal norms that favor austerity in the design and construction of affordable housing.

Noon–12:45pm

Lavanya Marla
CAS Fellow 2021–22, Industrial & Enterprise Systems Engineering

Next-generation Emergency Medical Service Design through Drone-Bystander-Ambulance Coordination

Lavanya Marla’s lab develops systematic ways of understanding and incorporating community participation in the design of emergency healthcare delivery networks, to simultaneously optimize drone-bystander-ambulance networks for out-of-hospital cardiac arrest (OHCA) response. They find that operationally, joint drone-bystander-ambulance networks are more effective in regions with limited ambulance resources or low ambulance availability, such as rural regions.

We are delighted to showcase the work of some of our most productive and creative faculty in a series of intellectually and spiritually invigorating presentations.

You are invited to drop in when you can to learn about the exciting projects undertaken by our faculty.