

Friday, 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.



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