

Collaborative Research Ideas

Exploring multidisciplinary synergies between environmental health, building performance, and community well-being.

NAME

Dr Samira Awwal

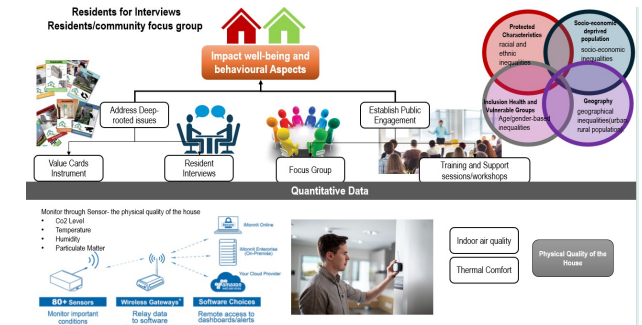
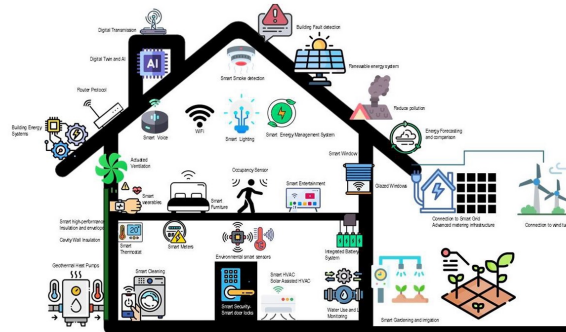
DESIGNNATUON

Senior Lecturer in Architecture Technology

INSTITUTION

Liverpool John Moores University

RESEARCH WORK



Doctoral Research:

User-Valued Innovations for Social Housing upgrading through Trans-Atlantic Living Labs

- Developing User requirement capture process model
- To better understand user value

Post Doctoral Research:

Leading the way in Smart Home Innovation (URF1) (RA)- (Sep 2023- April 2026)

- Ethical implication of sensors
- Smart sensors in homes to drive retrofit

Principal Investigator:

Developing a digital tool to establish retrofit's impact on indoor air quality and residents' health

- A framework for optimizing retrofit strategies, balancing envelope performance, heating demand, and ventilation.

COLLABORATION OPPORTUNITIES

