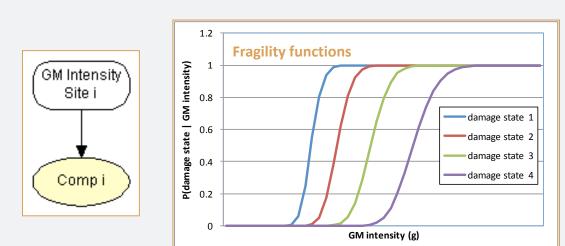
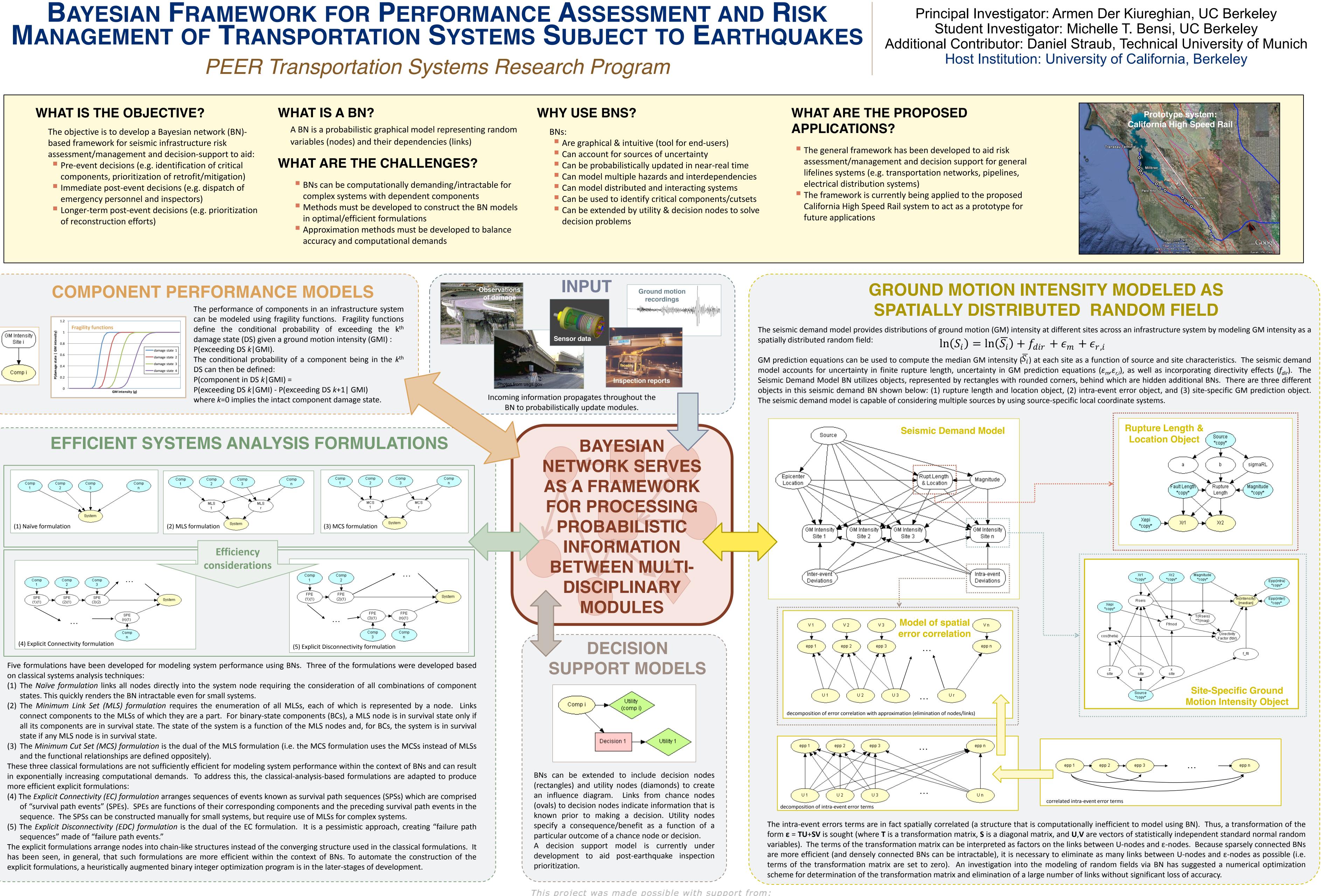
- Pre-event decisions (e.g. identification of critical components, prioritization of retrofit/mitigation)
- emergency personnel and inspectors)
- of reconstruction efforts)

A BN is a probabilistic graphical model representing random

- complex systems with dependent components
- in optimal/efficient formulations
- accuracy and computational demands

# **COMPONENT PERFORMANCE MODELS**









# PACIFIC EARTHQUAKE ENGINEERING RESEARCH CENTER



