

## Parameters to consider in NCREE shake table tests:

- Moderate-High axial loads
  - Nearly all dynamic tests have had low axial loads.
- Realistic beam stiffness
  - Important for load redistribution.
- Influence of upper stories
  - Changes the response dynamics.
- Joint details
  - How do nonductile joints interact with nonductile columns?
  - How does frame collapse due to joint failure differ from collapse due to column failure?

## Test Matrix: 4 Specimens

Specimen I (MCFS): $P = 0.2A_g f'_c$ (moderate) Confined Joints Flex-Shear Columns	Specimen II (HCFS): $P = 0.35 P_o$ (high) Confined Joints Flex-Shear Columns
Specimen III (MUFS): $P = 0.2A_g f'_c$ (moderate) Unconfined Joints Flex-Shear Columns	
Specimen IV (MUF): $P = 0.2A_g f'_c$ (moderate) Unconfined Joints Flexure Columns	



