

## What are **Pressing** Research Priorities?

### Structures - NZ

- Unique aspects of CC Earthquakes:
  - Still shaking
  - Large population of URM, some performed well, most pulled down, but data exists.
  - Soft soil conditions
- Research from existing data:
  - Identification of successful structural details and retrofits
  - Performance of utilities
  - Repair cost to property value ratio



Japan and NZ Earthquakes RAPID and Research Needs Workshop  
Arlington, VA Feb 9 and 10, 2012



### Structures – NZ (2)

- New data from:
  - Field measurements in ongoing aftershocks in damaged and undamaged buildings.
  - Destructive testing – components and buildings
- Broader impacts – resiliency/repairability, performance levels?



Japan and NZ Earthquakes RAPID and Research Needs Workshop  
Arlington, VA Feb 9 and 10, 2012

