Step 1: Demonstration project for Shakeout 2009

**Strong motion alert**
- RT ground motion from UCB to BART every second
- Loma Prieta Scenario, all trains stopped
- BART-UCB collaboration

Step 2: Receive early warning information; Interface with train control system to reduce train speed automatically

Step 3: Use actual shaking data to prioritize track inspections after an earthquake
Planned Uses for Earthquake Warnings

- **Personnel Safety:** Red Cross personnel get under tables before the shaking starts

- **Situational Awareness:** Know where the hardest hit areas will be *before* information systems go down
Lessons for Working with ShakeAlert Users

- Step-by-step process of acceptance and integration
- Intermediate products may be useful for users
- Warning messages must be easy to parse and use