



**Stanford**  
UNIVERSITY IT

## **STANFORD UIT CERT DRILL**

Summary and Lessons Learned

October 15 2019



## WHY THESE EXERCISES ARE IMPORTANT



I hear ... I forget  
I see ... I **remember**  
I *do* ... I *understand*

– Confucius

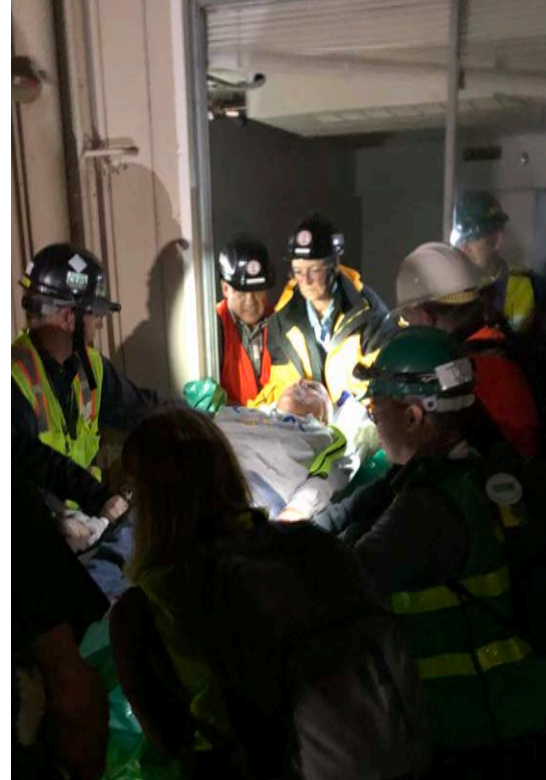
## DRILL RESULTS



**8** buildings assessed



**14** casualties triaged, transported and treated



**6** live victims triaged, transported, and treated



## DRILL PARTICIPANTS

### **Stanford UIT**

T.C. Chen  
Marty Dart  
Michael Dillow  
Jessica Kennedy  
Marvin Kirkendoll  
Robin McClish  
Chris Musselman  
Matthew Ricks  
Lea Roberts  
Mia Rocha  
Patrick Rocillo

### **Stanford - Other**

Debbie Barney  
Tim Cohen  
David Conrod  
Jarnail Dhalla  
Laurie Friedman  
Matt Geenen  
Bill Larson  
Leda Muller  
Van-Anh Nguyen  
Denise Ochoa  
Raul Ponce  
Linda Salser  
Sarah Segal

### **Surrounding Region**

Rick DeGolia  
Ken Dueker  
Jeffrey Fenton  
Beverlee Hastings  
Brad Horak  
Gordon Hummel  
Ken Kajikawa  
Elaine Lee  
Karen Lowham  
Sanya Lu  
Kate Moughan  
John Mori

Esther Nigenda  
Tom Prussing  
Mike Shannahan  
Neil Tanner  
Susan Warren

### **Live Victims**

Alex Espinosa  
Nathan Friedman  
Riki Gay  
LJ Laubenheimer  
Conrad Schroder  
Yaron Simler

### **Photographers**


Anne Pinkowski  
Ja Ruangsuk

**49** total  
participants



## DRILL OBJECTIVES

- Effective check-in and assignment of individuals to teams/roles
- Timely deployment of infrastructure and materials to the field
- Timely and accurate building assessments
- Effective and accurate triage, transport, and treatment of victims
- Well-coordinated, safe effective extrication of victims out of building
- Smooth integration of different teams and units to complete tasks
- Clear communication and accurate updates/status between units



SCERT  
Emergency  
Drill  
In Progress

**LIVE**  
**DRILL SCENARIO**

breakyourownnews.com

**BREAKING NEWS**

# 7.5M QUAKE HITS HAYWARD FAULT

**16:39**

**ROADS AND HOSPITALS CLOSED. POWER OUTAGES. NEARING SUNDOWN**



# CHECK-IN





# ASSEMBLY



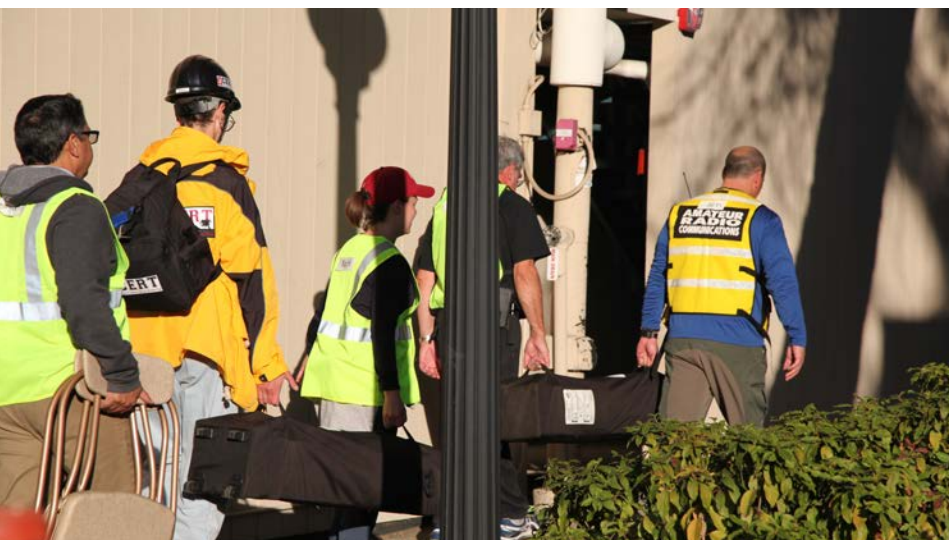


# BRIEFING





# DEPLOYMENT





# DEPLOYMENT – MED OPS





# INCIDENT COMMAND





# COMMS



COUNTY  
AMATEUR  
RADIO  
EMERGENCY  
SERVICES  
INSTANT TRAINING





# RECON





# SECURITY





# TRIAGE AND TRANSPORT





# MED OPS



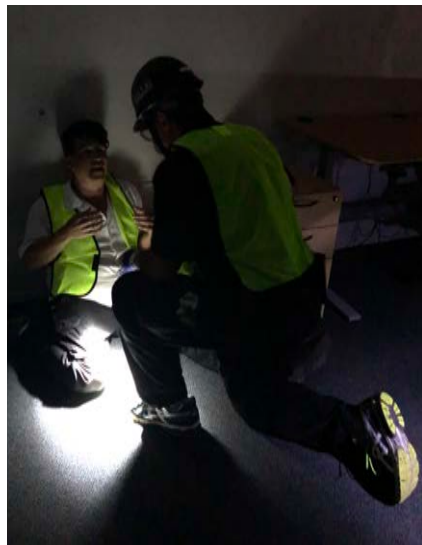
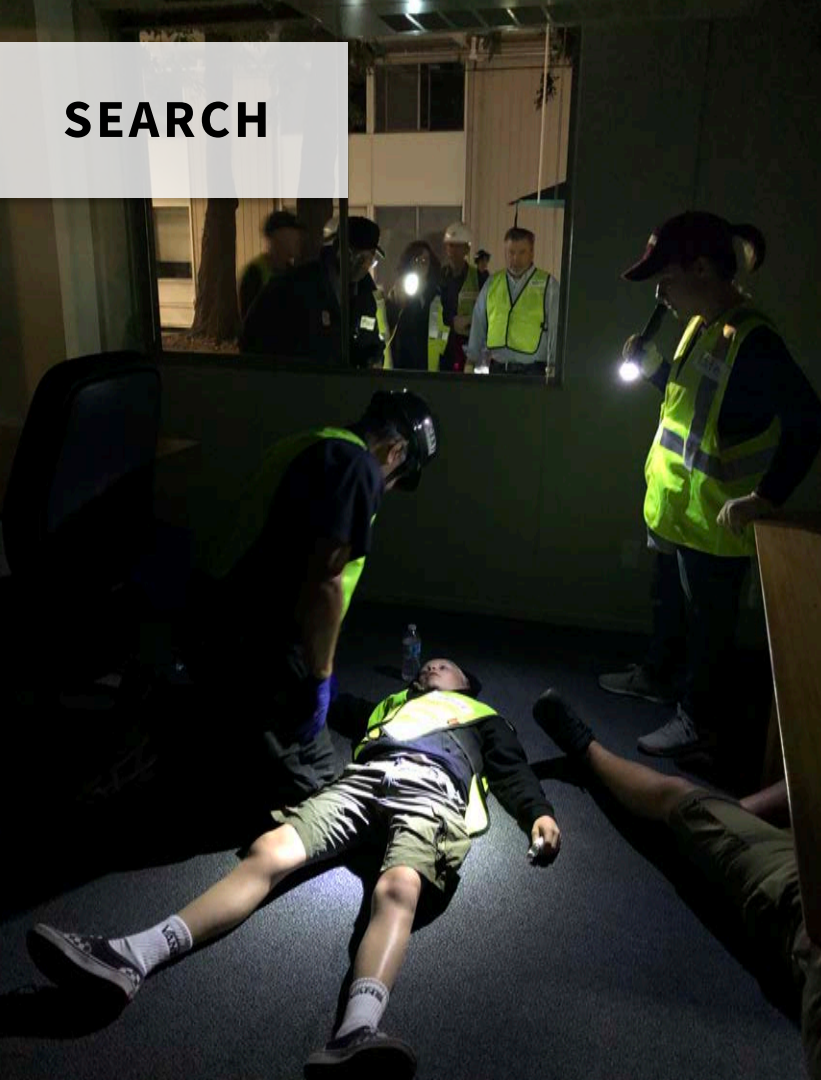


# PLANNING





# SEARCH



# RESCUE



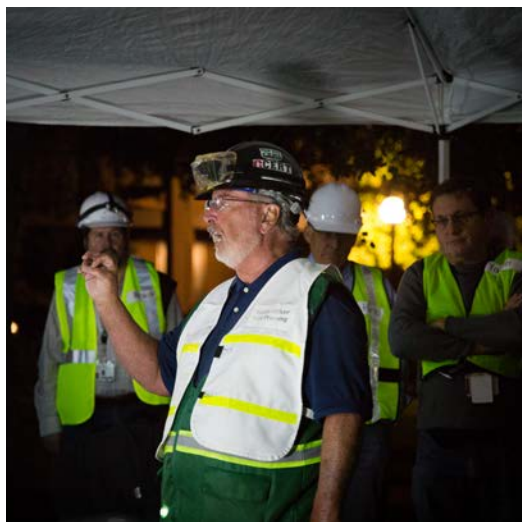


# TREATMENT





# DEBRIEF





# THANKS TO ALL 2019 PARTICIPANTS





# STANFORD UIT CERT EXERCISE ON YOUTUBE

<https://youtu.be/AvhKkLrBTQQ>



The final drill activity was extrication of victims from a damaged building.



0:49 / 1:25







# SUMMARY EVALUATION

## **PLUS:** *What worked well*

- People from different areas with different experiences and skills worked together to achieve objectives.
- Effectively dealt with changing conditions, including nightfall.
- Extrications well-executed through improvisation and making use of locally-available equipment.
- Mostly clear and concise communication.
- Grid map helpful in reporting specific locations.
- Scribes and situation boards were useful.
- Organization of logistics was valuable.
- Med Ops oversight of triage was effective.
- Practical oversight of area by Security team.
- Clear containers and labelling was helpful.

## **DELTA:** *Areas for Improvement*

- Building assessment and triage tasks seemed to overlap.
- Should plan to operate on multiple radio frequencies in order to avoid cross talk.
- Need summarized instructions for each role to better set expectations and avoid confusion.
- Must clarify victim reporting, including location, identifier, transport, and status.
- Could have had clearer communication on being dispatched and setting up a field command post.
- Team names (Alpha, Bravo, etc.) were effective but should be tied to specific functions.
- Should have used large grid map on situation board, as well as magnetic labels to track teams.



**QUESTIONS?**

