

# FRIEDMAN FAMILY VISITING PROFESIONALS PROGRAM

UCDAVIS



Visit to University of California, Davis: April 21, 2016

This report summarizes the visit of Richard Eisner that took place at the University of California, Davis on April 21, 2016,

## ITINERARY OR AGENDA

TIME:	ACTIVITY:
11:20 AM – 11:35 AM	Student Chapter Co-presidents meet & welcome Rich Eisner to campus.
11:40 AM – 12:10 PM	Informal chat with students
12:15 PM – 1:15 PM	Guest lecture by Rich Eisner
1:15 PM – 1:25 PM	Informal Q&A and discussions with students and faculty
1:30 PM – 2:30 PM	Lunch with students at UC Davis Gunrock Pub

## STUDENT CHAPTER VISIT PLANNING COMMITTEE

### LEAD ORGANIZER(S):

- Vincente Pericoli, co-president, vspericoli@ucdavis.edu
- Kate Darby, member, kdarby@ucdavis.edu
- Trevor Carey, co-president, tjcarey@ucdavis.edu
- Dr. Sashi Kunnath, faculty advisor, skkunnath@ucdavis.edu

## VISITING PROFESSIONAL LECTURE OVERVIEW

### Seismic Risk and Consequence Management – Examples from Tohoku 2011

#### Lecture Abstract

The consequences of an earthquake represents the convergence of not just seismicity with engineering design, but of land use and development decisions, architectural design, community demographics, cultural history and traditions; and the resilience of individuals, families, communities, businesses, infrastructure and government and non-government organizations. The impacts are not isolated to a single building or structure, but more often community wide or regional, with damage and disruption (physical, economic and social) compounded and complex. In 2011, Japan's world class engineering design and construction practices, research facilities, real time seismic networks and warning systems, and community education programs were challenged by a complex, compound disaster that "exceeded expectations."

The presentation will utilize the consequences of the 2011 Great Northeast Japan Earthquake and Tsunami (Tohoku Earthquake) to illustrate why earthquake risk reduction has to be broadly conceived and multidisciplinary in implementation, and not rely solely on probabilistic assessments of the hazard.

## Professional Bio

Richard Eisner is currently a consultant on issues related to disaster risk and consequence management. Prior to that, he served for 12 years as Regional Administrator for the California Governor's Office of Emergency Services, serving as the Governor's representative in coordinating the State's response to disasters. During this time, he also managed the State's earthquake and tsunami preparedness program--serving as the emergency management interface to the USGS and NOAA.



## SUPPLEMENTAL ACTIVITIES

### Informal Q&A and discussions with students and faculty

Rich's presentation focused on consequence management, which many students are unfamiliar with. A fruitful discussion emerged, focusing on consequence management in the context of engineering planning and design. As a token of appreciation, Rich was presented with a bottle of the famous UC Davis olive oil.

### Lunch with students at UC Davis Gunrock Pub

Vincente, Trevor, and Sean took Rich out to lunch at Gunrock Pub. They had informal discussions about research, projects, community disaster resilience, and current events. Rich shared amusing anecdotes about his career and travels.

## RESULTS, FEEDBACK AND LESSONS LEARNED

- Reception of Rich was excellent. Many students attended the presentation and were excited to ask questions and chat.
- This event boosted the prominence of the UC Davis EERI chapter. Since many non-members were invited to the event, this served as an indirect recruiting tool for the chapter. To that end, Rich's quick plug for EERI at the beginning of the presentation (the required "About EERI" intro slides) was much appreciated. Rich also directly encouraged students to join the chapter.

## ACKNOWLEDGEMENTS

The UC Davis EERI Student Chapter gratefully acknowledges the support of the Friedman Family for sponsoring the travel of Richard Eisner through their Friedman Family Visiting Professional Program endowment. Furthermore, the chapter would like to thank the Geotechnical Graduate Student Society at UC Davis, which supported the EERI chapter in organizing and hosting the event.