

FRIEDMAN FAMILY VISITING PROFESSIONALS PROGRAM



Visit to Rice University: March 08, 2019

This report summarizes the visit of **Jay Wilson** from Clackamas County Disaster Management that took place at the Rice University on March 08, 2019,

ITINERARY OR AGENDA

Provide the itinerary of the visit. For example:

Thurs., Mar. 7, 2019

TIME:	ACTIVITY:
4:00 PM –	Students meet the speaker at the Hobby Airport
7:00 PM – 10:00 PM	Meeting with EERI student chapter leadership for dinner

Fri., Mar. 8, 2019

TIME:	ACTIVITY:
8:00 AM – 9:00 AM	Meet Dr. Jamie Padgett for breakfast & travel to campus
9:30 AM – 10:30 AM	Meeting with officers for a campus tour
10:30 AM – 11:00 AM	Break
11:00 AM – 11:30 AM	Meet Dr. Satish Nagarajaiah
11:30 AM – 12:00 PM	Meet Dr. Rob Griffin
12:00 PM – 1:00 PM	Lunch with department graduate students for research and career guidance
1:00 PM – 2:00 PM	Break and preparation for the talk
2:00 PM – 3:15 PM	Giving lecture community disaster resilience as a part department lecture series
3:15 PM – 4:00 PM	Informal conversation with EERI student chapter leadership and departure

STUDENT CHAPTER VISIT PLANNING COMMITTEE

LEAD ORGANIZER(S): Hesam Talebiyan, President, ht20@rice.edu

- Carl Bernier, Vice President, cb36@rice.edu
- Jayant Patil, Treasurer, jayant.patil@rice.edu
- Roger Parades, Secretary, rlp4@rice.edu
- Au Do, Event Coordinator, ad62@rice.edu
- Catalina Gonzalez, Webmaster, Catalina.d.Gonzalez.Duenas@rice.edu

Faculty Advisor: Dr. Jamie Padgett

VISITING PROFESSIONAL LECTURE OVERVIEW

Jay Wilson's lecture was held as a part of the department seminar series, but it was a special one. While other talks focus on engineering and scientific topics, Jay's lecture concerns the impact of scientific research on

people, how we can communicate to people and policymakers about our scientific achievements, and in turn, how to expand the impact of the scientific community on society. The talk was received well by the students and faculty members, and engaging discussions followed the lecture. The lecture helps engineering students to get familiar with other perspectives toward the subjects of their research.

Lecture Abstract

This EERI Professional Lecture will frame the concept and purpose of community disaster resilience from the perspective of local emergency management leadership. How can emergency managers provide context for community risk management decisions? How can national and state resilience goals be implemented locally? How do risk communication and addressing uncertainty inform translating science into policy? How can communities facing high seismic risk better align with climate resilience initiatives? In this lecture, Jay will broadly address these topics by examining the context of the 2013 Oregon Resilience Plan and the 2015 Community Resilience Planning Guide by the National Institute of Science and Technology and how resilience is being demonstrated in the Portland metro region.

Professional Bio

Jay Wilson is the Clackamas County Resilience Coordinator with the Department of Disaster Management and spearheads the County's efforts to reduce risks and assess hazards including flood, earthquake, wildfire, volcano, and climate change impacts. Mr. Wilson is the past-Chair (2014-17) of the Oregon Seismic Safety Policy Advisory Commission (OSSPAC) and previously worked for Oregon Emergency Management and as a Mitigation Reservist with FEMA Regions IX and X. Jay recently completed a two-year appointment as a Resilience Fellow with the National Institute of Standards and Technology during the development of the 2015 Community Resilience Planning Guide. He is a member of the Earthquake Engineering Research Institute and has completed post-earthquake reconnaissance trips to Japan (2011) and Central-Italy (2017). Jay holds an M.A. in geography and a B.A. in film and lives in Portland, Oregon.

SUPPLEMENTAL ACTIVITIES

Dinner with EERI officers

On March 7th, Officers of EERI chapter at Rice invited Jay Wilson to dinner to welcome him and talk about community resilience in a multi-hazard environment, and how to communicate the public and the authorities about them. The event was supported by the department of civil and environmental engineering.

Meeting with faculty members

Jay Wilson met two faculty members on March 8th to discuss the research topics regarding community resilience and communicating science to the public and the decision makers.

Lunch with graduate students

On March 8th, Jay Wilson joined graduate students of the department for lunch. They discussed new research directions and career opportunities regarding community resilience, particularly in Oregon State.

RESULTS, FEEDBACK, AND LESSONS LEARNED

The event went on schedule and smoothly. The lecture was received well by graduate students and faculty of the civil engineering department, and lead to engaging discussion afterward. Visiting professional lectures are an effective way to inform the community about disaster resilience from the perspective of local emergency

management leadership and how risk communication and addressing uncertainty informs translating science into policy. This event aspires to continue holding events that inform our community about policy-related consequences of engineering fields of expertise.

ACKNOWLEDGEMENTS

The Rice University EERI Student Chapter gratefully acknowledges the support of the Friedman Family for sponsoring the travel of Jay Wilson through their Friedman Family Visiting Professional Program endowment. We also acknowledge the support of the department of civil and environmental engineering, which funded supplemental activities as a part of the department seminar series.

LIST OF ATTACHMENTS

- Jay Wilson, Dr. Padgett, and EERI officers





DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING
INVITES YOU TO:



The Friedman Family Visiting Professional Lecture:
Pursuing Community Disaster Resilience: Challenges and Opportunities

Jay Wilson
Resilience Coordinator
Clackamas County Disaster Management
Oregon City, OR

March 8th, 2019
2:00 PM - Ryon Lab 201

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