

# FRIEDMAN FAMILY VISITING PROFESIONALS PROGRAM



## Visit to Lehigh University: March 31, 2022

This report summarizes the visit of **Mr. Jay Wilson** from Clackamas County Department of Disaster Management that took place at the Lehigh University on March 31, 2022.

### ITINERARY OR AGENDA

TIME:	ACTIVITY:
8:30 am	Ms. Soheila Sadeghi meets Mr. Wilson in the lobby of Hotel Bethlehem for breakfast
10:00 am	Walking tour of lower campus and Fritz Lab with Ms. Soheila Sadeghi
10:45 am	Meeting with Dr. Bocchini's research team (FR701)
12:00 pm	Lunch with EERI Student Chapter and Dr. Ricles at Anna's Brick Oven Pizza
1:30 pm	Transfer to the ATLSS Center and tour of ATLSS facilities
3:00 pm	Transfer to lower campus and meeting with Dr. Venkitasubramaniam (FR701)
4:00 pm	Preparation time for Mr. Wilson's lecture (FR701)
4:45 pm	EERI FFVP lecture, Whitaker 303 (Ms. Sena Mursel delivers refreshments)
6:30 pm	Dinner at Yianni's, Mr. Wilson, Dr. Ricles, Dr. Bocchini, and Ms. Xinyue Wang

### STUDENT CHAPTER VISIT PLANNING COMMITTEE

#### LEAD ORGANIZER(S):

- Xinyue Wang, President, [xiw319@lehigh.edu](mailto:xiw319@lehigh.edu)
- Soheila Sadeghi, Vice President, [sos318@lehigh.edu](mailto:sos318@lehigh.edu)
- Sena Mursel, Treasurer, [sem419@lehigh.edu](mailto:sem419@lehigh.edu)
- Ziyang Ouyang, Seismic Design Competition Mentor, [zio218@lehigh.edu](mailto:zio218@lehigh.edu)
- Bryan Gonzalez, Public Relation Chair, [bmg314@lehigh.edu](mailto:bmg314@lehigh.edu)

#### Faculty, industry advisors or others who helped:

- Dr. James Ricles, Club Advisor, [jmr5@lehigh.edu](mailto:jmr5@lehigh.edu)
- Dr. Paolo Bocchini, Director of Graduate Program, [pab409@lehigh.edu](mailto:pab409@lehigh.edu)
- Mr. Mohanad Khazaali, Graduate Student, [maa314@lehigh.edu](mailto:maa314@lehigh.edu)

### VISITING PROFESSIONAL LECTURE OVERVIEW

In the lecture, Mr. Jay Wilson shared his direct experiences from his work on the Oregon Resilience Plan, and with seismic projects, programs, and policies in the Portland, Oregon area. Given the COVID-related uncertainty, the lecture was held in hybrid mode (zoom and in-person) while most attendees attended virtually. In addition, through the collaboration with the Lehigh Valley Section of ASCE, the lecture attracted participants with different backgrounds and fields. The lecture was well received by the participants. There were also good questions and discussions at the end.

## Lecture Abstract

Emergency managers have traditionally focused on preparedness and response, but they can also play a pivotal role as resilience advocates by providing the necessary context on hazards, exposure, and overall risk for elected officials and decision makers, as well as supporting a well-informed public. When it comes to pursuing disaster resilience, it takes a coordinated local, state and federal vision, the alignment of policies and programs, nurturing local “Champions,” and steering community values towards resilience that can lead to long-term risk reduction as well as the improvement of community functions and social cohesion.

## 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

### Campus Tour and Fritz Lab Tour

Ms. Soheila Sadeghi and Mr. Mohanad Khazaali gave Mr. Jay Wilson a tour of the Lehigh lower campus, introducing the history of Lehigh University (Left). Dr. Paolo Bocchini later joined them and helped with the Fritz lab tour (Right).



### Meeting with Dr. Bocchini's Research Group

In this meeting, students in Dr. Bocchini's research group gave short presentations about their research and had good discussions with Mr. Jay Wilson. More information about Dr. Bocchini's research group can be found on this website (<https://www.lehigh.edu/~pab409/>).

### Lunch with EERI Officers and Club Advisor

Mr. Jay Wilson met current EERI officers and the club advisor Dr. James Ricles. Casual conversations were held over lunch.



### ATLSS Tour

Dr. Liang Cao gave Mr. Jay Wilson a great tour of the ATLSS facilities and the NEHRI project.





## Lecture

Mr. Jay Wilson gave the in-person lecture which was held in hybrid format.

Zoom Meeting Participant ID: 175141

You are viewing Xinyue Wang's screen

View Options

Recording

View

**How I got involved with EERI**

1995-2002 – Utilized EERI research for Geography Graduate Studies  
 2002-03 – Earthquake Policy Analyst for Oakland and Berkeley, CA  
 2004 – Oregon Earthquake and Tsunami Program Coordinator  
 2006 – EERI provided stipend to attend 1906 EQ Centennial Conference  
 2011 – Joined EERI and participated on 3/11/11 Japan tsunami LFE Trip  
 2017 – Planned Committee for EERI National Meeting in Portland  
 2017 – Participated in Central Italy Earthquake LFE Trip  
 2019 – Invited to become FFVP Lecturer for Emergency Management

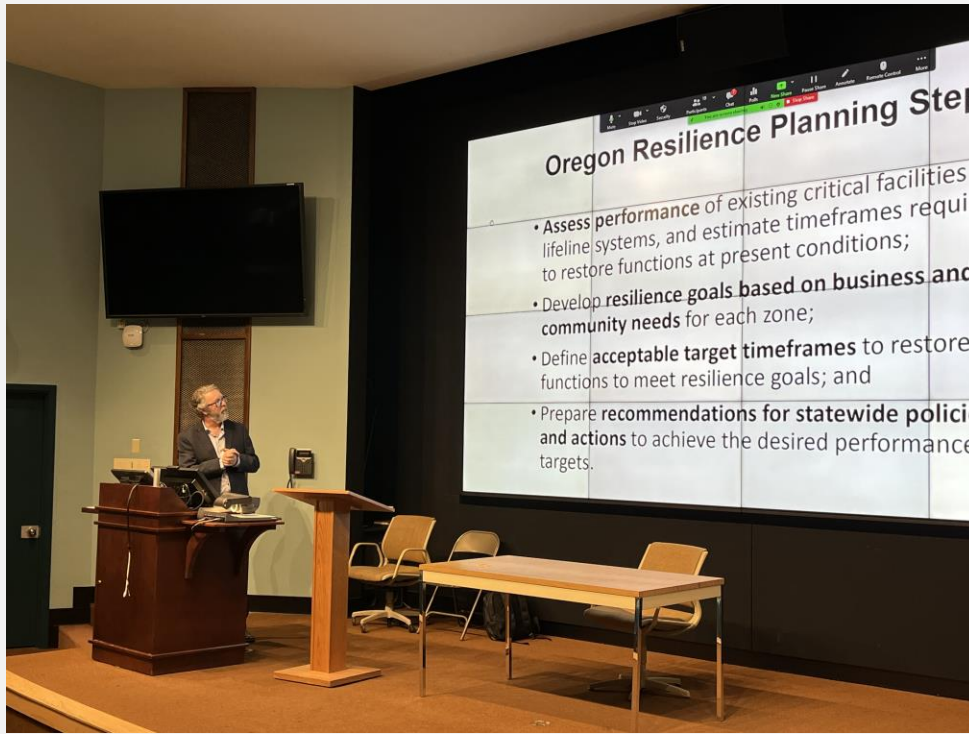
Friedman Family Visiting Professionals Program

Xinyue Wang	Xinyue Wang	Jeffrey Antolick	Soheila Sadeghi	Lauren Llantero
Bill MacNair	Sihong Xie	Jay Larson	Xu Han	Stephen Ressler
Kai	Anderson, Baker	Stan Shelosky	Urinrin Otite (She/her)	Xingjian Wang
corra	Paul Drummond	Dan Frangopol	Parv Venkitasu...	

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5:04 PM 3/31/2022



## RESULTS, FEEDBACK AND LESSONS LEARNED

The uncertainties caused by the COVID were certainly a big challenge to us. Based on the feedback received from the participants, the event was a great platform to help connect people, distribute new ideas and bridge gaps. Mr. Jay Wilson was also very helpful in offering career advice to the officers. Moving forward, Lehigh University EERI chapter would like to host more seminars from professionals that cover the following topics:

- community resilience
- multi-hazard mitigation strategies
- disaster management and decision making

## ACKNOWLEDGEMENTS

The Lehigh University EERI Student Chapter gratefully acknowledges the support of the Friedman Family for sponsoring the travel of Mr. Jay Wilson through their Friedman Family Visiting Professional Program endowment.

Help received from the Lehigh Valley Section of ASCE and the Department of Civil and Environmental Engineering of Lehigh University are appreciated. The funding support from the Lehigh University Graduate Student Senate is also appreciated.

## LIST OF ATTACHMENTS

Included at the end of this report are various attachments to supplement the information included above. A list of the attachments is included below:

- flier for event



Earthquake Engineering Research Institute  
Lehigh University Student Chapter  
FFVP Lecture Series  
Co-sponsored by LVASCE



## Jay Wilson

*Resilience Coordinator at  
Clackamas County Disaster Management*

**Time:** Thursday, March 31, 2022 at 4:45 p.m. (EST)

**Location:** Whitaker Lab 303, Lehigh University,  
5 E. Packer Avenue, Bethlehem, PA

## Championing Disaster Resilience: Finding and Opening Those Windows of Opportunity

Emergency managers have traditionally focused on preparedness and response, but they can also play a pivotal role as resilience advocates by providing the necessary context on hazards, exposure, and overall risk for elected officials and decision makers, as well as supporting a well-informed public. When it comes to pursuing disaster resilience, it takes a coordinated local, state and federal vision, the alignment of policies and programs, nurturing local “Champions,” and steering community values towards resilience that can lead to long-term risk reduction as well as the improvement of community functions and social cohesion.

In this lecture, Mr. Wilson will share direct experiences from his work on the Oregon Resilience Plan, and with seismic projects, programs, and policies in the Portland, Oregon area.

### Brief 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.

**Note:** This lecture can also be attended on Zoom. **1 PDH** credit (free) will be awarded to eligible attendees upon registration. Please use the QR codes below to access the links.



Zoom Link in Google  
Calendar



Registration Link



EERI@LU  
Twitter

**Refreshments will be served.**