

# CEE 691 Seminar Series in Spring 2017

Presentation by Students

Tuesday, May 2, 2017, 2:40 - 3:20 pm, Crawford 105

## 1. **Wasted Opportunities: Seeking Information from Wastewater**

- Presenter: Ms. Sabrina Diemert
- Sabrina Diemert is a registered professional engineer in British Columbia, Canada. She worked in water treatment design consulting for several years prior to starting her PhD in Civil and Environmental Engineering at UH Manoa in the fall of 2016. She has a masters degree in Civil Engineering from the University of Toronto, and an undergraduate degree in Engineering Chemistry from Queen's University, Kingston. She has also worked in Spain and Honduras as a researcher and environmental advisor.

## 2. **Rickover Principles to Become a Better Engineer**

- Presenter: Ms. Margaret Lum
- Mrs. Lum obtained a B.S. in Civil and Environmental Engineering from the University of Hawaii at Manoa. After completing several courses towards her graduate degree, she accepted a job at Pearl Harbor Naval Shipyard & IMF. She is now finishing up her last semester for her M.S. in Civil and Environmental Engineering.

## 3. **Construction Specifications, Drawings, and Symbology of Steel Structures**

- Presenter: Ms. Kristy Nakamoto
- I am currently a graduate student working on a Master's degree in Civil Engineering, specializing in Structural. In Spring 2017, I graduated from the University of Hawaii at Manoa with a B.S. in Civil Engineering. Also, I am currently interning at Shigemura, Lau, Sakanashi, Higuchi and Associates (a local structural engineering company).

## 4. **Deep Mixing and Jet Grouting in Hawai'i**

- Presenter: Mr. Eric Dat Schwab
- I am the first son of immigrants from Vietnam. I graduated with a BS in Environmental Engineering from UC San Diego and am currently pursuing a MS in Civil Engineering at UH Manoa. As for my future, I'm learning more about low impact development such that I can assist a professor and city worker in implementing techniques in the city that can simulate pre-development status of parcels of land and reduce harmful runoff after it rains. Furthermore, I am doing additional study various topics and modeling software on the side in order to insure that I reach a competitive level in the engineering job market within a set time frame.

## 5. **Geo technical Centrifuge Modeling**

- Presenter: Mr. Arshia Taeb
- I am originally from Iran and currently I am a first year graduate student studying Geo technical engineering. My interest is in Geo Synthetic reinforced soil and foundation.

## 6. **What the Consent Decree Means for Oahu's Wastewater Treatment Plants**

- Presenter: Mr. Tyler T. Tsuchida
- Tyler is an alumni of the University of Hawaii where he received his undergraduate degree in Civil and Environmental Engineering in Fall 2016. Currently, he works as a civil engineer at RM Towill Corporation, while also pursuing a Master's Degree in Environmental Engineering.

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