



## Fourth Annual PSR UTC Congress

Monday, March 21 – Tuesday, March 22, 2022 PSR Congress

Wednesday, March 23 CA-HI Symposium

University of Hawai'i at Manoa; Honolulu, HI

Campus Center Ballroom

**Theme:** Lessons Learned in Vulnerability, Resilience, and Recovery

### Monday, March 21, 2022

Campus Center Ballroom

ZOOM Link

<https://zoom.us/j/93676698153>

Meeting ID: 936 7669 8153

Passcode: 680177

- 8:00 Registration and continental breakfast
- 9:00 Welcome and introduction
- 9:15 Hawai'iian blessing
- 9:30 PSR updates
- 9:45 Opening Keynote Speaker (Dr. Michael Bruno – Provost)
- 10:15 **Session 1A Freight System Resilience**  
**Tom O'Brien, Genevieve Giuliano, Ben Olsen**  
*Building System Resiliency Through Freight Readiness and Competitiveness*
- 11:00 Break
- 11:15 **Session 1B Commuting**  
**Marlon Boarnet (USC)**  
*Differential responses of commutes across income groups and industries during COVID-19*  
**Evelyn Blumenberg (UCLA)**  
*Low-Wage Workers, Commute Distance, and Jobs-Housing Fit*
- 12:00 Lunch (Keynote Speaker – Mr. Jon Nouchi – Deputy Director City & County of Honolulu, Department of Transportation Services)  
Poster Session (Students)

1:00 **Session 2A Transport Modes and Finance – Campus Center Ballroom**

**Ali Ghafelebashi (USC)**

*Incentive Systems for New Mobility Services*

**Ed Smaglik and Steven Gehrke (NAU)**

*Spatial interactions of shared e-scooter trip generation and vulnerable road user crash frequency*

**DeVon Jennings (UCI)**

*Developing Structural Equational Models for Computer Rail while Analyzing Underlying Attitudes of the System*

**Debapriya Chakraorty (UC Davis)**

*Tolling lessons learned for road usage charge*

**Zakhary Mallet (USC)**

*Inequitable Inefficiency: A Case Study of Rail Transit Fare Policies*

1:00 **Session 2B Disasters and Resilience 1 - Campus Center Room 307 & 308**

ZOOM Link

<https://zoom.us/j/94820365834>

Meeting ID: 948 2036 5834

Passcode: 314103

**Suwan Shen (UH)**

*Challenges to maintaining disaster relief supply chains in island communities: Disaster preparedness and response in Honolulu, Hawai'i*

**Fraser Shilling (UC Davis)**

*When Nature Bites Back: Disrupted Coastal Highway Travel with Sea Level Rise*

**Brian Taylor and Jacob Wasserman (UCLA)**

*Financial Resilience in a Pandemic: An Examination of Public Transit in (Southern) California*

**Shadi Saadeh (CSULB)**

*Performance of Reclaimed Asphalt Pavements Containing Recycled Waste Plastics*

3:30 **Session 3A Equity and Environmental Justice – Campus Center Ballroom**

ZOOM Link

<https://zoom.us/j/93676698153>

Meeting ID: 936 7669 8153

Passcode: 680177

**Jacob Wasserman and Hao Ding (UCLA)**

*A Bus Home: Homelessness in Transit Environments*

**Aakansha Jain (UC Davis)**

*Obstructed mobility and lost connections: Historical account of racialized displacement caused by freeways in Northern California*

**Sarah McCullough (UC Davis)**

*Mobility Justice: A New Framework for Transportation*

**Sue Dexter (USC)**

*Visible fear: Accidents outweigh concerns over emissions for heavy-duty truck traffic in Southeast Los Angeles communities*

3:30 **Session 3B Disasters and Resilience 2 – Campus Center Room 307 & 308**

ZOOM Link

<https://zoom.us/j/94820365834>

Meeting ID: 948 2036 5834

Passcode: 314103

**Miguel Jaller (UC Davis)**

*Resilience assessment framework for last mile operations under disruptions*

**Farnaz Kaviari (UH)**

*Simulating the spread of COVID-19 Using Agent Based Modeling*

**Dave Marasco (UH)**

*The Nature of Planning – A look at Green Infrastructure in the U.S. and Japan*

**Ratul Debnath (UH)**

*The Effects of COVID-19 on Mobility in Hawaii*

5:30 End of Day

6:00 Reception (6:00 – 8:00) (PSR attendees, university officials, industry/agency partners; venue President's house)

**Tuesday, March 22, 2022**

**Campus Center Ballroom**

ZOOM Link

<https://zoom.us/j/93676698153>

Meeting ID: 936 7669 8153

Passcode: 680177

8:00 Continental Breakfast

9:00 Student award presentations - **Campus Center Ballroom**

10:00 Advisory Council meeting (by invitation only) – **UHTASI Saunders Hall 7<sup>th</sup> Floor**

ZOOM Link

<https://zoom.us/j/94680573859>

Meeting ID: 946 8057 3859

Passcode: 278453

10:00 Student Discussion (Students and Faculty) – **Campus Center Ballroom**

11:45 Break

12:00 Closing remarks – **Campus Center Ballroom**

12:15 Lunch (Grab and Go)

12:30 Professional Development Tour (Tentative tour of Honolulu Authority for Rapid Transit - HART) – Waiting on Jon Nouchi (City DTS)



**Wednesday, March 23, 2022**  
**CA-HI Symposium**  
**UH Manoa Campus Center, Room 307 & 308, 309 & 310**

**ZOOM Link for Room 307 & 308 (adjoining)**

<https://zoom.us/j/94176250521>  
Meeting ID: 941 7625 0521  
Passcode: 515273

**ZOOM Link for Room 309 & 310 (adjoining)**

<https://zoom.us/j/99513933777>  
Meeting ID: 995 1393 3777  
Passcode: 477987

- 9:00            Opening Plenary  
**Campus Center Room 307 & 308**  
*Welcome – Dara Wheeler, California Department of Transportation*  
*Overview and Partnership of Hawaii Transportation System – Ed Sniffen, Hawaii State Department of Transportation*
- 9:30            Break (10 Minutes – Start at 9:35 AM)
- 9:45            A1 Breakout Session – Freight Partnerships for Economic Vitality  
**Campus Center Room 307 & 308**  
*Hawaii Freight System – Kuuhaku Park, Matson Navigation*  
*Disaster Relief Supply Chains – Suwan Shen, University of Hawaii at Manoa*  
*LA Waterfront Redevelopment – Sue Lai, Port of Los Angeles*  
*Fresh Cut Flowers – Camron King, Certified American Growers*
- A2 Breakout Session – Tourism Impact on Infrastructure  
**Campus Center Room 309 & 310**  
*Lake Tahoe Tourism – Devin Middlebrook, Tahoe Regional Planning Authority*  
*California State Parks Systems – Alexander Stehl, California State Parks*  
*Hawaii Destination Action Plans – John De Fries, Hawaii Visitors Bureau*
- 11:00           Break (30 Minutes)
- 11:30           B1 Breakout Session – Emerging Transit Issues  
**Campus Center Room 307 & 308**

*Cal-ITP Program – Lilly Shoup, California Department of Transportation*

*Microtransit – James Drake, Sacramento Regional Transit District*

*Cybersecurity – Gen Tamura and Giovanni Williams, DHS CISA*

*Zero Emission Public Transit Vehicle Planning in Honolulu – Roger Morton, City and County of Honolulu*

**B2 Breakout Session – Climate Change and Disaster Preparedness  
Campus Center Room 309 & 310**

*Systems Resilience in Climate Change Events*

*Lisa Worthington, California Department of Transportation*

*Frances Edwards, San Jose State University*

*Fraser Shilling, University of California, Davis*

*Karl Kim, University of Hawaii at Manoa*

12:45

Break

1:00

Closing Plenary

**Campus Center Room 307 & 308**