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’ian 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 Ghafelbashi (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*

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

**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*

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

**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)

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**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 7th 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**