



14 ITS Berkeley Faculty, Staff, and Students participated in the Incorporating Equity in Transportation Research Workshop with the Greenlining Institute on campus on Friday March 4, 2022.

## UC ITS White Papers on CA Transportation Plan



The UC Institute of Transportation Studies is excited to announce a collection of white papers that explores the California Transportation Plan and potential impacts, and addresses improvements and recommendations. “This was an impressive effort across UC ITS,” says principal investigator UC Berkeley Professor Emerita Elizabeth Deakin. “The breadth and depth we were able to provide was truly a team effort.” [Read more about the white papers](#)

## PATH Receives Grant to Research Cooperative Driving Automation

PATH Research Engineer, Berkeley Lab Affiliated Scientist Xiao-Yun Lu recently received funding from the DOE's Vehicle Technologies Office for research focusing on Cooperative Driving Automation (CDA). “PATH is leading the way in cooperative automation research and this will allow us to work with a larger group and expand our capabilities to reduce energy consumption and traffic congestion with CDA applications,” says Project PI Lu. [Read more about the project](#)



## Student Team Wins Distinguished Paper Award at Avionics Conference

Congratulations to CEE Professor Jasenka Rakas and students on earning the Distinguished Paper Award at the Digital Avionics Systems Conference. The paper, *eVTOL Fleet Selection Method for Vertiport Networks*, analyzes the entire field of developing eVTOLs (electric Vertical Take-Off and



Landing) and proposes a ranking method for air vehicles in vertiport network routes. [Read more about the award](#)

## Meet the MEng Automotive Affinity Group

Meet Masters of Engineering students behind the Automotive Affinity Group: Deniz Akyar, Jwalant Wadhwa, and Parth Kulkarni. The group connects students in the automotive and transportation sectors and help them engage with industry professionals by hosting speakers and experts from niche areas within the industry, opening new networking opportunities and developing the group's collective knowledge. [Read more about the group](#)



## KUDOS & NEWS BITS

If you would like to share a news bit, thank you, or kudo, email [acaairo@berkeley.edu](mailto:acaairo@berkeley.edu) to let everyone know about the good work ITS and Center faculty, employees, students, and alumni are doing!

- Department of City and Regional Planning doctoral student Marcel Moran recently published the paper: **Where the Crosswalk Ends: Mapping Crosswalk Coverage via Satellite Imagery in San Francisco** in Environment and Planning B: Urban Analytics and City Science.
- Transportation Sustainability Research Center Co-Director and Civil and Environmental Engineering Professor Susan Shaheen **recently co-edited a book: Shared Mobility and Automated Vehicles: Responding to socio-technical changes and pandemics**. In addition, to co-editing the book, Shaheen authored numerous chapters, reflecting her more than 20 years of research and thinking, along with many notable scholars.
- On Feb. 13, 2022 SafeTREC Researcher Praveen Vayalamkuzhi commented on the increased rate of crashes during the pandemic that have resulted in fatal or serious injuries in six Bay Area counties, despite fewer drivers on the road in the **Marin Independent Journal**.
- Congratulations to Kenichi Soga, the Donald H. McLaughlin Professor in Mineral Engineering, Chancellor's Professor in the Department of Civil and Environmental Engineering, and ITS affiliate on being awarded the **Bakar Fellows Program 2022 Bakar Prize**.

## EVENTS

**TUESDAY, MARCH 8, 2022**

**Pedestrian Facilities: Planning and Conceptual Design for Accessibility and Safety**

Course | March 8 | 1-3:30 p.m. | Online

**TUESDAY, MARCH 15, 2022**

**Community and Pedestrian and Bicycle Safety (CPBST)**

UC Berkeley SafeTREC and California Walks are excited to announce a new 3-part training series, the "Strengthening Partnerships: A Peer Exchange Series for former CPBST sites." The first session, "Using Crowdsourced Data Strategies in Community Engagement" is on Tuesday, March 15, 2022. [Learn more](#)

**FRIDAY, MARCH 18, 2022**

**Developments in Smart Infrastructure and Construction in the UK**

Seminar | March 18 | 12 p.m. | Zoom webinar

**FRIDAY, APRIL 1, 2022**

**Do Equity Metrics for Smart Transportation Measure Up? An interdisciplinary discussion**

Seminar | April 1 | 2-3 p.m. | 290 Hearst Memorial Mining Building  
Reception to follow

**FRIDAY, APRIL 8, 2022**

**Structures as Sensors: Physics-guided learning for Indirectly Monitoring Humans and Surroundings**

Seminar | April 8 | 4 p.m. | Zoom webinar

**FRIDAY, APRIL 15, 2022**

**Covid-19 Transmission Risk on US Domestic Airlines**

Lecture | April 15 | 4-5 p.m. | 290 Hearst Memorial Mining Building

**FRIDAY, APRIL 22, 2022**

**Advances in Computer Vision-based Civil Infrastructure Inspection and Monitoring**

Seminar | April 22 | 4 p.m. | Zoom webinar

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