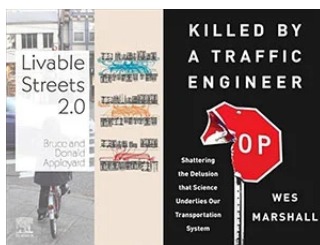




Newsletter December 2024

Tune in **Wednesday, December 11th** at 10am PST / 1pm EST for our
FREE webinar about Street Livability and Safety

→ [Register here](#) ←



Join us for a discussion of street livability and safety through the works of Bruce Appleyard and Wes Marshall.

Gain insight on the conflict, power, and promise of our streets as discussed in *Livable Streets 2.0* by Bruce Appleyard. Then discover the surprising truths behind our transportation systems in *Killed by a Traffic Engineer: Shattering the Delusion that Science Underlies our Transportation System* where Wes Marshall uncovers how flawed assumptions, not science, shape our streets — and how we can reclaim them for safer, more equitable communities for all road users.

Four CPBS students have been awarded the prestigious Dwight D. Eisenhower Transportation Fellowship from the U.S. Department of Transportation. The awardees include Benson Long (MS Civil Engineering @ UNM), Ben Garland (MA Community and Regional Planning @ UNM), Allison Rewalt (MS Civil Engineering @ UTK), and Si Lwin (BS Civil Engineering @ UNM).

Benson Long is working with tribal communities across the U.S. to better understand their active transportation data needs through the [NCHRP 07-31](#)

research project. Ben Garland is the Program Manager for the [Center for Pedestrian and Bicyclist Safety](#) and is developing a bicycle that can measure the condition and quality of various walking/biking infrastructure. Allison Rewalt is exploring pedestrian/bicycle access to public transportation through [24UTK01](#). Si Lwin is examining potential changes in health outcomes after the completion of complete street projects in New Mexico using publicly available data.

The [UC Berkeley student chapter of the Institute of Transportation Engineers \(ITE\)](#) and the Cal Transportation Team hosted the [2024 Interdistrict Transportation Competition \(ITC\)](#), a conference intended to be a space for students to "engage in various transportation-related challenges often seen in the professional world, including in fields like planning, design, and data analysis." There were over 150 attendees, with students from 13 schools from the Western and Inter-Mountain ITE Districts.

As part of the "Traffic Simulating Demo with Autonomous Vehicles" workshop on November 9, 2024 led by UC Berkeley assistant professor Dr. Maria Laura Delle Monache, UC Berkeley Safe Transportation Research and Education Center's (SafeTREC) former graduate student researcher Han Wang demonstrated the bicycle simulator — originally created to gather data on cyclists' perceptions of safety in different road environments. This demo provided students with hands-on experience identifying where you can modify the behavior of autonomous vehicles and see the impact on traffic flow.



CPBS Associate Director Dr. Chris Cherry recently had a paper published titled [Physical activity and muscle activity of riding electric scooters](#). The researchers conducted e-scooter, walking, and driving metabolic physical activity studies (N = 20) using electromyography (EMG) to assess muscle activity. Findings suggest that e-scooters provide light physical activity (MET 2.14), which is higher than driving and lower than walking. E-scooter riding provides higher muscle activity than driving tasks.



Are you going to the TRB Annual Meeting in January?

[We've compiled a list of topics related to pedestrian and bicyclist safety](#), highlighting those that are connected to the Center for Pedestrian and Bicyclist Safety. Be sure to connect with us!

From around the web...

[Riding Forward:
New Esperanza Bike Center Opens in Albuquerque](#)

• • •

[NM researcher studies why pedestrian,
bicyclist deaths are on the rise](#)

• • •

[Dozens of cyclists and pedestrians are killed each year in Philly – an injury epidemiologist explains how to better protect bike lanes, slow drivers down and reduce collisions](#)

• • •

[How to teach bike safety to kids:
What Seattle is doing as traffic deaths rise](#)



Center for Pedestrian and Bicyclist Safety

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