The latest news and information about CPBS-related research, announcements, publications, web links, and other content.

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Center for Pedestrian and Bicyclist Safety

**Newsletter
October 2024**

Webinar date and time change!

The CPBS webinar scheduled for last week, "**From Heartbreak to Hope: Advocating for Safer Streets Through Storytelling**" has been rescheduled for a week from today, on October 21st at Noon PDT / 3pm EDT. Please **visit the CPBS Webinars page for more information**, including how to register and join this free webinar. We look forward to seeing you there!

TRB Annual Meeting registration is underway, and CPBS will have several representatives attending. Be sure to reach out to us over email if you'd like to connect in Washington, D.C. this coming January. We're excited to have our collaborators present the following research at TRB.

Abadi, M.G., Nguyen, J., & Ferenchak, N. **Is a 3-Second Leading Pedestrian Interval Effective? Exploring the Influence of Signal Configurations and Audio Cues on Pedestrian Behavior.**

Appleyard, B., Honey, M., Ahangarfabrik, N., Carbajal, M., Cooksy, W., Crist, K., & Swayne, M. **Ten Years Forward: An Evaluation of California's Active Transportation Program.**

Appleyard, B., Pande, A., Gibbons, J., Tanvir, S., Honey, M., Palmer, N., & Carbajal, M. **A Safe Systems Approach to Guide Policy for Prohibiting Right Turn on Red.**

Aryal, S., Macarthur, J., Jones, L., & Bennett, C. **Maximizing CO2 Emissions Reduction through E-Bike Incentives: Analyzing Adoption Patterns and Travel Substitution Potential.**

Bayati, Z., & Khattak, A. **Shedding Light on Safety: Comparing the Collision Likelihood and Impact Severity of Pedestrian Crash Avoidance Systems Across Day and Night Conditions.**

Bayati, Z., Khattak, A., & Moradloo, N. **Day and Night Performance Differences in Detection and Deceleration by Pedestrian Automatic Emergency Braking Systems.**

Ferenchak, N., & Tafoya, O. **Pedestrian Safety and Vehicle Design: Longitudinally Examining Changes in SUV and Pickup Truck Front-End Height.**

Hsu, C.-K., Tsao, M., Griswold, J., Schneider, R., & Bigham, J. **A Context-sensitive Roadway Classification Framework for Speed Limit Setting in the US.**

Mahdinia, I., Hirandas, L., Oum, S., & Griswold, J. **Understanding Pedestrian and Bicyclist Safety Trends in the Post-Pandemic Era.**

Miti, M.M., Doig, J., & Griswold, J. **Bicycle Crash Incidents in San Francisco before, during and after COVID-19.**

Parajuli, S., & Barnhart, K. **Pedestrian Safety: Speed Limit versus Vehicles.**

Usman, S., & Khattak, A. **Beyond the Conventional: Exploring Pedestrian Safety on Interstates with Bayesian and Machine Learning Models.**

Usman, S., Adeel, M., Brakewood, C., & Khattak, A. **A Safety Analysis of Vulnerable Road Users in Transit Bus Collisions: Insights from the National Transit Database.**

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CPBS Director Dr. Nick Ferenchak and researcher Dr. Wes Marshall were **recently on The Brake** podcast discussing the findings of their paper **Traffic safety for all road users: A paired comparison study of small & mid-sized U.S. cities with high/low bicycling rates**. What if we focused not on bike lanes, but multimodality as a whole?

Their research was also covered in a Strong Towns article, **"Do Bike Lanes Reduce Congestion" Is the Wrong Question**

CPBS partner UC Berkeley has a handful of exciting announcements:

• New Publication: **Evaluate the Safety Effects of Adopting a Stop-as-Yield Law for Cyclists in Californi**a. In a new research report from UC Berkeley SafeTREC, Julia Griswold and co-authors investigate how stop-as-yield laws can positively or negatively affect safety and provide insights and guidelines for California policymakers and safety practitioners.

• SafeTREC's **Julia Griswold also received the ITS Berkeley Award for two STRP Projects**: "Autonomous Vehicle Safety Performance in Mixed Traffic: Insights from NHTSA Crash Data" and "A Time and Space Exploration of Traffic Crash Trends During the Covid Recovery".

• SafeTREC's VR Bicycle Simulator featured at 10th Annual STEM Exploration Camp: SafeTREC provided their Virtual Reality (VR) bike simulator from the **Bicycle Level of Service (BLOS) research project** as an immersive and engaging learning opportunity for the camp Innovators to gain a deeper understanding of transportation and environmental design. Watch this video to learn more about the event.

Action Alert! NHTSA has proposed new vehicle safety standards to better protect pedestrians and is **accepting public comment**. The proposed rule would establish a new Federal Motor Vehicle Safety Standard requiring new passenger vehicles be designed to reduce the risk of serious-to-fatal injuries in pedestrian crashes by establishing test procedures to simulate head-to-hood impact and performance requirements to minimize head injury risk.

From around the web...

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Right-Turn-on-Red Bans Not a 'Silver Bullet' for Pedestrian Safety, Experts Say

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London saw a surprising benefit to fining high-polluting cars: More active kids

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Opinion: We Need More Consequences for Reckless Driving. But That Doesn't Mean More Punishment

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Flashback to 2004 -- **Roads Gone Wild: No street signs. No crosswalks. No accidents. Surprise: Making driving seem more dangerous could make it safer.**

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