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TREC at Portland State University

March 2020



Woman killed while walking on Barbur Boulevard was 'brilliant' PSU researcher (BikePortland.org)

Iulia Hanczarek was coming into her prime as a chemist and researcher at PSU. She had dreams of a doctoral degree and missions to space. At just 39 years old, she had a lot of important discoveries ahead of her. But this week her life was cut short when a man chose to drive his car while drunk and hit and killed her as she walked home in SW Portland. In this story, her memory is honored by her PSU colleagues and friends. "It's such a sad, senseless loss for PSU," university spokesperson Christina Williams shared. "Portland State is heartbroken to hear about the tragic loss of one of our young and brilliant lab managers. It is deeply sad to learn about the loss of a precious life in a preventable traffic accident."

[READ THE FULL ARTICLE ON BIKEPORTLAND.ORG](#)



Portland State Will Lead the Nation's DOTs to Active Transportation Solutions

Amid the explosion of active transportation literature over the last thirty years, practitioners struggle to effectively synthesize and use that research in their everyday practice. Seeking to address this unmet need, the National Cooperative Highway Research Program (NCHRP) has awarded PSU a \$250,000 grant to develop a "Research Roadmap" on the nation's active transportation research priorities for the AASHTO Council on Active Transportation. Led by Jennifer Dill of PSU, the project team will work with partner Toole Design Group over the next two years to survey professionals across the U.S. and create a plan to implement the most relevant research findings.

[GIVE YOUR INPUT ON THE ROADMAP](#)

TREC Mobility By E-Bike Participation Study

E-bikes are a new mode of transportation that could substantially improve efficiency and sustainability if adopted as substitutes for cars. Researchers at University of Tennessee, Knoxville,



Portland State University, University of Pittsburgh, and Bosch E-Bike Systems have received funding from the National Science Foundation to measure real-world travel behavior of e-bike users. We will use smartphones for passive data collection to support the growth of e-bike use as a transportation option. We are seeking e-bike users from all over the U.S. to join in the research project and share their trips with us. The study is open to U.S.-based participants who ride an e-bike with a Bosch onboard computer, and use an iPhone.

SHARE YOUR E-BIKE TRIPS

We are proceeding as planned for our summer events for the time being. TREC is actively monitoring the situation regarding COVID-19 and the latest news. We will provide an update if anything changes.



Free Transportation Summer Camps for Oregon High Schoolers at Portland State

Transportation workforce development doesn't always take place at the university level. Students' interest in transportation can start much earlier than that, which is why we're offering 48 full scholarships for high school students to week-long transportation summer camps in Portland, Oregon. These camps offer an immersive college experience, staying overnight on the PSU campus. Half of each day is dedicated to interdisciplinary learning with PSU faculty and guest lecturers from public and private transportation agencies that operate in the Portland metro area. The other half is spent outside, on field tours of Portland's transportation infrastructure and public spaces.

APPLY FOR A CAMP SCHOLARSHIP BY APRIL 10



Friday Transportation Seminars: Online Only

Friday Transportation Seminars at Portland State University have been a tradition since 2000. In an adapted format, our spring lineup of Friday Transportation Seminars will be available for online viewing only. Scheduled presentations are: "Moving Toward Equitable Transit-Oriented Developments by Integrating Transit and Housing," with Hongwei Dong of Cal State, Fresno; "Racial Equity And Transit-Oriented Development: Who Benefits From TOD?" with Roberto Requejo of Elevated Chicago; and "Applying an Equity Lens to Automated Payment Solutions for Public Transportation" with John MacArthur and Aaron Golub of Portland State University. We also have over 450 seminars recorded for viewing in our [archive](#).

REGISTER TO WATCH ONLINE

UPCOMING TREC EVENTS

Due to the threat of the coronavirus known as COVID-19, we are adapting our event format. Until further notice, all Friday Transportation Seminars hosted by TREC will be online only. Event dates may change due to speaker needs.

April 3: [Friday Transportation Seminar \(APBP Oregon Edition\): Bus-Bike Designs for Division Transit Project](#)

Apr 7: [Webinar \(NITC\): Visual Exploration of Trajectory Data](#)

Apr 10: [Friday Transportation Seminar: Moving Toward Equitable TOD by Integrating Transit and Housing](#)

Apr 24: [Friday Transportation Seminar: Racial Equity And Transit-Oriented Development: Who Benefits From TOD?](#)

May 12: [Webinar: Connected Vehicle System Design for Signalized Arterials](#)

May 22: [Friday Transportation Seminar: Applying an Equity Lens to Automated Payment Solutions for Public Transportation](#)

We are proceeding as planned for our summer events for the time being. TREC is actively monitoring the situation regarding COVID-19 and the latest news. We will provide an update if anything changes.

Jun 21–26: [Summer Transportation Camp at PSU \(Girls\)](#)

Jun 21–Jul 4: [Student Study Abroad 2020: Sustainable Transportation in the Netherlands](#)

Jul 16–17: [IBPI Faculty Workshop: Integrating Bike-Ped Topics into University Transportation Courses](#)

Jul 19–24: [Summer Transportation Camp at PSU \(All Genders\)](#)

Aug 24–28: [IBPI Workshop: Comprehensive Bikeway Design](#)

[Watch videos and see slides of past online events in our Education Library](#)

PARTNER UPDATES

[Oregon ITE SimCap Webinar:](#) Kristin Tufte and Tammy Lee of TREC will present an overview of the freeway, travel time and vehicle length information available on PORTAL, the Transportation Data Archive for the Portland-Vancouver area. **March 31**

[Mike McQueen in Talking Headways– It Came from TRB!](#) Mike McQueen of PSU was interviewed for the Streetsblog USA Podcast about the e-bike research that he presented at TRB, including several ongoing TREC studies.

PRESS COVERAGE

[Turn your street project idea into reality with Better Block PSU program:](#) *Bike Portland*, Monday, February 24, 2020.

[6 Ways to Correct Bike Share's Social Equity Problem:](#) *Salud America*, Friday, February 21, 2020

[Everything you need to know before buying an electric bike:](#) *Curbed*, Thursday, February 20, 2020

[Portland State researcher seeks subjects for first of its kind electric bike study:](#) *Bike Portland*, Friday, March 13, 2020

[Bike lanes not bad for biz:](#) *Penticton Herald*, Tuesday, March 3, 2020

[Transportation Research and Education Center, Portland State University](#)

TREC at PSU is home to the National Institute for Transportation and Communities (NITC), the Initiative for Bicycle and Pedestrian Innovation (IBPI), and other transportation programs. TREC produces research and tools for transportation decision makers, develops K-12 curriculum to expand the diversity and capacity of the workforce, and engages students and professionals through education.



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