About Utah State University

Location: Logan, Utah is located in a picturesque mountain valley about 100 miles north of Salt Lake City. Utah State University enjoys breathtaking views and a wealth of outdoor activities year round. In addition, there is easy access to the diverse transportation industry of Salt Lake City.

Contact Us!
Transportation Engineering
4110 Old Main Hill
Logan, Ut 84322

Phone-(435)797-2783
Email- marlo.bailey@usu.edu

About Our Faculty

Dr. Anthony Chen is a Professor of Civil and Environmental Engineering and Head of the Transportation Systems Engineering Program. The major portion of his research focuses on modeling and analysis of transportation systems, network equilibrium model and solution algorithm development, meta-heuristics for discrete network location and network design problems, and transportation network reliability analysis.
Anthony.Chen@usu.edu

Dr. Kevin Heaslip is an assistant professor of Civil and Environmental Engineering specializing in Transportation Engineering. His research interests include sustainable and resilient transportation infrastructures, traffic operations, transit operations, and intelligent transportation systems.
Kevin.Heaslip@usu.edu

Associated Faculty

Paul Barr, Ph.D.
Structures, Non-Destructive Testing, Long Term Structural Monitoring

YangQuan Chen, Ph.D.
Mobile Actuator & Sensory Neuroles, Unmanned Ariel Vehicle Applications

Keith Christensen, Ph.D.
Socially Equitable Planning & Design, Computational Thinking

Robert Pack, Ph.D.
Geometric Design, Geographical Information Systems
Transportation Centers, Labs & Programs at USU

**Utah Transportation Center**
The Utah Transportation Center has been housed at USU since 2006. The UTC has an expertise in natural hazards to research congestion chokepoints, evacuation occurrences, infrastructure renewal, and operations as it relates to multi-modal transportation. In that time, more than $9M has been granted to the UTC for transportation research. There have been nearly fifty graduate student alumni of the center and more than fifty research papers published.

**USU TIME Lab**
The $3.6M TIME Lab was completed in the summer of 2011. The TIME Lab is a leader in the implementation and evaluation of rural Intelligent Transportation Systems and provide guidance to the implementation of ITS throughout the rural parts of Utah and the intermountain west. With $2.6M in research funding, and eleven journal publications, the TIME Lab is rapidly gaining recognition throughout Utah and the intermountain west.

**Utah LTAP Program**
USU has housed the Utah LTAP program since 1988. The program is known for its technology transfer in the state of Utah. The LTAP program is able to host over a hundred outreach programs every year, in every Utah county. This makes it one of the most recognizable programs at Utah State.

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**Transportation Graduate Courses**

**Core:**
- CEE 6210 - Transportation Systems Analysis
- CEE 6220 - Traffic Engineering
- CEE 6240 - Urban & Regional Transportation Planning
- CEE 6250 - Transportation Data/Safety Analysis
- CEE 6290 - Transportation Network Analysis

**Elective:**
- CEE 6230 - Geometric Design
- CEE 6260 - Public Transportation
- CEE 6270 - Traffic Operations Analysis
- CEE 6930 (1) - Traffic Impact Analysis
- CEE 6930 (2) - Transportation Logistics
- CEE 6930 (3) - Transportation Economics
- CEE 6930 (4) - Advanced Transportation Management & Information Systems
- CEE 7220 - Travel Demand & Supply Analysis

**Supplementary:**
- CEE 6190 - GIS for Civil Engineers
- CEE 6410 - Water Resource Systems Analysis
- CEE 6420 - Engineering Risk Assessment & Risk Management
- CEE 6510 - Numerical & Statistical Methods for Civil Engineers
- APEC 6700 - Regional & Community Economic Development
- LAEP 6370 - City & Regional Planning
- LAEP 6740 - Planning Theory & Implementation

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**Resources**

**School of Graduate Studies**
www.usu.edu/graduateschool

**Office of International Students & Scholars**
www.usu.edu/oiss

**Housing & Residence Life**
www.usu.edu/housing

**Financial Aid**
www.usu.edu/finaid

**Athletics**
www.utahstateaggies.com

**About Logan, UT**
www.loganutah.org