



Northeastern

Department of Civil and Environmental Engineering Distinguished Seminar Series

Tools and Strategies for Improving Citywide Bicycle Travel

Michael Lowry, Ph.D., P.E.

Associate Professor
Department of Civil Engineering,
University of Idaho, Moscow, ID

Monday, March 14th, 2016 4:30pm-5:30pm
Richards Hall 300

Abstract

This presentation will showcase tools that engineers and planners can use to evaluate citywide bicycle travel. The tools will be demonstrated using case study data to forecast bicycle volumes, assess safety, and prioritize improvement projects. This work was funded by the US Department of Transportation and the Rails-to-Trails Conservancy. The presentation will include a review of current techniques to evaluate bicycle infrastructure and recent advances in research.

Bio

Dr. Michael Lowry is an associate professor at the University of Idaho. He holds a joint appointment in the departments of Civil Engineering and Bioregional Planning and is an affiliate researcher for NIATT, the National Institute for Advanced Transportation Technology. His research focuses on capital investment decision-making and transportation planning for bicyclists and pedestrians. Dr. Lowry teaches courses related to geographic information systems, transportation safety, statistics, and economic analysis. He received his PhD in Civil and Environmental Engineering from the University of Washington and BS and MS from Brigham Young University.



Michael Lowry, PhD

Associate Professor, Civil Engineering

UNIVERSITY OF IDAHO

Education

- **PhD, Civil & Environmental Engineering, *UNIVERSITY OF WASHINGTON***
- **MS, *BRIGHAM YOUNG UNIVERSITY***
- **BS, *BRIGHAM YOUNG UNIVERSITY***



Research Interests

- **Land use & Transportation planning**
- **Travel demand management**
- **Traffic calming**
- **Bicycle and pedestrian planning**

Service & Awards

- **Joint appointment, Bioregional Planning**
- **Affiliate Research, National Institute for Advanced Transportation Technology**
- **Instructor: GIS, Transportation Safety, Statistics, Economic Analysis**