



## APPLICATION DEADLINE

March 10, 2013

**CREDIT:** 1 graduate credit (ED5680) through Michigan Technological University or SCECHs.

**EARN \$100 FOR SUBMITTING 1 TRANSPORTATION LESSON**

**COST: \$50**

(Resident/Non-Resident ) includes MTU tuition,\* lunches, field trips & course materials.

## To Register:

Complete registration form on back and email or fax to Lori Witting

Email: [lori@mtu.edu](mailto:lori@mtu.edu)

Fax: [906.487.2468](tel:906.487.2468)

Tel: [906.487.2263](tel:906.487.2263)

## For Information:

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\*Cost has been reduced through the generous support of the MTU Dept. of Civil & Environmental Engineering that helps to reduce official MTU tuition (2012/13 Official Applied Science

## 3 Workshops for K-12 Science, Social Studies & Math Teachers

# Transportation in the 21<sup>st</sup> Century: Moving People & the Stuff We Buy



This exciting series of three workshops will focus on different modes of transportation and enhance middle/high school students' awareness of career opportunities in transportation. To earn credit, teachers attend 3 workshops and develop one lesson plan. All are 6-hour workshops on Saturdays and include **field trips to cool places!**

## Workshop Schedule

*(Workshops take place at Wayne State University in Detroit)*

**March 23 Intermodal & Rail Transportation** – Dr. Pasi Lautala, Director, Rail Transportation Program, Michigan Technological University. *Different transportation modes for moving freight and people; rail transportation in the U.S. & Michigan; a look at high speed rail for Detroit-Chicago corridor; new technology in rail transportation.; and visits to local rail yard.*

**April 20 Traffic Operations & Safety** – Dr. Peter Savolainen, Civil & Environmental Engineering, Wayne State University. *How to integrate transportation engineering into core subjects; examine how drivers contribute to traffic crashes and affect the design of traffic signals; visit the SE Michigan Transportation Operations Center (SEMTOC) to see how engineers manage the operation of the Detroit transportation system in real-time.*

**May 11 - Maritime Transportation** - Rick Brown, Licensed Captain, The Maritime Academy of Toledo and Dr. Pete Lindquist, Dept. of Geography & Planning, University of Toledo. *What are those big ships carrying and how does it impact our economy? Who works aboard ships? Visit a port facility.*

## Program Sponsors

**Michigan Tech**



