

Transportation Tidbits



September 2016

Greetings,

Welcome to the September issue of the Transportation Tidbits Newsletter! This issue features the latest happenings within the transportation industry along with a list of upcoming transportation conferences and webinars. You can also find some of the latest news from our faculty and students! If you have questions or comments about this month's issue, please [let us know](#). Enjoy!

Important Dates for NDSU Students

9/16: Undergraduate/
Professional Fall
Degree Applications
due

9/19: Last Day to Add
Full Semester Classes

9/23: Graduate
Student Fall Intent to
Graduate Forms Due

9/30: Last day to
Withdraw to Zero
Credits @ 75% Refund

Recent News
Updates

2016 Midwest Academy of Management Annual Meeting

Yuan Xu and Mingwei Guo will present papers at the 2016 Midwest Academy of Management (MAM) Annual Meeting October 6-8th in Fargo. The presentations of all accepted submissions will be organized into sessions, which will start from 8:35AM on Friday October 7, and will be done by 4:00PM on Saturday October 8.



Yuan Xu will present "A system dynamics model for energy saving in US food industry".

Abstract: Owing to oil shortage, air pollution and climate change, energy savings and emission reductions are top priorities for governments. The food industry, which accounts for 30% of the global energy consumption and 20% of greenhouse gas (GHG) emissions has been increasingly recognized for its potential for energy savings recently. Thus, the objective of this study is to evaluate policy

[Watch: DOT After 9/11](#)

[Call for Nominations:
Every Place Counts
Leadership Academy](#)

[Remembering 9/11:
Fifteen Years Later](#)

[In Cincinnati, New
Streetcar Connects
People to Opportunity](#)

[Coming Soon: Better
Bus Rides in a
Community Near You](#)

[Announcing the First
Round of Innovative
FASTLANE Grants](#)

UGPTI in the Spotlight

[North Dakota Grain
Industry Data](#)

[Research Report-
North Dakota
Statewide Traffic
Safety Survey](#)

[Webinar- Transfer the
Knowledge Before it
Walks out the Door](#)

[Safety Talk- Forklift
Safety Rules](#)

alternatives for reducing food related energy consumption in the mid run. Influential factors of energy consumption in the food sector include population growth rate, GDP, agriculture's share of GDP, food waste, technologies, and agricultural investment. In this research, based on the causal relationships and feedback loops between these factors and energy consumed for each stage of the life cycle of the food supply chain, a system dynamics model was built to dynamically model the problem for the US food system. Policy options of reducing waste percentage and improving energy productivity in industrial processing are incorporated for building the energy use mitigation scenarios. By implementing the integrated mitigation scenarios, a 9.43% reduction in total food system energy consumption can be attained in 2030.

Mingwei Guo will present "Brief research on global third party logistics and consolidation for e-commerce retailers using simulation".

Abstract: The increasing globalization and development of e-commerce has triggered a considerable increase in profits for logistic companies. The decline in profit margins has forced the manufacturers and retailers to use third party logistic providers and stop their own logistics systems, especially for international freight and retail transportation. Based on recent developments and the practices of global retailers and manufacturers, this paper provides a brief analysis of global third party logistics and formulates a consolidation model for third party logistics service providers.



Congratulations to Yuan Xu and Mingwei Guo for their acceptance to the 2016 Midwest Academy of Management Annual Meeting!

Webinars

Check out this list of upcoming [webinars](#) offered by the Transportation Research Board. All participants must register at least 24 hours in

NDLTAP On-Site
Training

Assessment of ND
County and Local
Road Needs, 2017-
2036

Proposed Center for
Transportation Studies
Building

advance of the webinar. If you missed a webinar and would like to know more about it [click here](#) for further instructions.

- **September 15, 2016-** [Models Used in Air Quality Analysis](#)
- **September 19, 2016-** [States' Practices on Roundabout Selection, Design, and Performance Analysis](#)
- **September 20, 2016-** [Highlights from the 11th National Conference on Transportation Asset Management](#)
- **September 26, 2016-** [The Marriage of Roundabouts and Access Management](#)
- **September 27, 2016-** [Vulnerable Road Users Safety: What Cities Can Do To Make Things Better](#)
- **September 28, 2016-** [Validation of Guidelines for Evaluating the Moisture Susceptibility of Warm Mix Asphalt Technologies](#)
- **September 29, 2016-** [Shared Mobility and the Transformation of Public Transit](#)

Upcoming Conferences

- **21st Century Waterways: The Changing Tide of Harbor Safety**
 - [September 13-15, 2016](#)
 - [Portland, Oregon](#)
- **5th International Conference on Accelerated Pavement Testing**
 - [September 19-21, 2016](#)
 - [San Jose, Costa Rica](#)
- **8th World Congress on Joints, Bearings and Seismic Systems for Concrete Structures**
 - [September 25-29, 2016](#)
 - [Atlanta, Georgia](#)
- **International Conference on Demand Responsive Transportation**
 - [September 26-28, 2016](#)
 - [Breckenridge, Colorado](#)
- **22nd International Conference on Rural Public and Intercity Bus Transportation**
 - [October 2-5, 2016](#)
 - [Barcelona, Spain](#)
- **10th University Transportation Center (UTC) Spotlight Conference: Bicycles and Pedestrians**
 - [December 1-2, 2016](#)
 - [Washington, D.C.](#)
- **Geotechnical Frontiers 2017 Conference**
 - [March 12-15, 2017](#)
 - [Orlando, Florida](#)

Workshops/ Meetings

No workshops or meetings to report at this time. Check back in October!

New Student Biography



Hally Turner of Leadville, Colorado, is pursuing a certificate in Transportation and Urban Systems.

Turner earned her bachelor's degree in psychology from the University of Colorado at

Denver. She also earned her MPH in public health administration and policy from the University of Minnesota. Turner became interested in transportation as an intern after completing her studies in public health. In her spare time, Turner enjoys traveling whenever and wherever is possible. She has visited all seven continents. Turner's goals are to

establish more technical knowledge in transit planning.

Kid President's Pep Talk to Teachers and Students!





NDSU UPPER GREAT PLAINS
TRANSPORTATION INSTITUTE

If you have items that you would like to submit for our next monthly Transportation Tidbits newsletter, please email Makenzie Schmidt at makenzie.lee.schmidt@ndsu.edu by the 15th of the month.

