

Midwest Transportation Center



IOWA STATE UNIVERSITY
Institute for Transportation

Trans 691

January 30, 2015

Overview of the Midwest Transportation Center

- Internationally recognized centers of excellence, fully integrated within institutions of higher learning, that serve as a vital source of leaders who are prepared to meet the nation's need for safe, efficient, and environmentally sound movement of people and goods.
- Region 7 University Transportation Center



Partners

Iowa State University

Creighton University in Omaha, Nebraska

Harris-Stowe State University in St. Louis

University of Missouri, Columbia in Columbia, Missouri

University of Missouri, St. Louis in St. Louis, Missouri

Wichita State University in Wichita, Kansas



Goals of MTC

1. Education
2. Human Resources
3. Diversity
4. Research Selection
5. Research Performance
6. Technology Transfer



MTC Leadership/Diversity

- Leadership

- Provide leadership opportunities for students
- Support participation in the Leadership Institute
- Promote development of new faculty

- Diversity

- Developing tracks for Taking the Road Less Traveled, a bi-annual STEM career conference for girls in K6-12
- Work with HBU and HCI to recruit underrepresented students
- Provide networking opportunities for under represented faculty and students



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Transportation Scholars Program

- Maintenance of a 3.0 grade point average.
- Attendance at the weekly transportation seminars each spring semester (Trans 691 at ISU)

Transportation Scholars Program

- Participation in a research project or research group
 - Research assistantship
 - Undergraduate research group
 - Independent study
- Participate in the Mid-continent Research Symposium
 - Held in Ames every other year, Wisconsin off year
 - <http://intrans.iastate.edu/events/midcon2015/>



Transportation Scholars Program

- Mentorship of other students or participation in K–12 outreach activities
 - Go! Magazine
 - Road less traveled
 - Does not include required activity for ISU 691 students
 - Otehrs
- Presentation of research results at a conference or through a journal article
 - TRB
 - Needs approval of major professor

Transportation Scholars Program

- Participation in the Leadership Institute
 - Public Employees Leadership Institute (the Institute) is a series of 14 online professional courses that can help employees enhance their leadership skills and knowledge
 - Non-APWA members can take courses. Content is applicable to employees of almost any public agency or private business in any state.
 - Certified by the American Public Works Association ([APWA](#))
 - <http://www.iowaltap.iastate.edu/leadershipinstitute/>
 - Effective Communication Skills, Leadership Skills, Fundamentals of Government, and Project Management
 - <http://www.iowaltap.iastate.edu/leadershipinstitute/courses>



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Transportation Scholars Program

- Participation in one or more transportation student organizations
 - TSA
 - ITE
 - ASCE

MTC Scholars Program

