
PREPARING TOMORROW'S TRANSPORTATION WORKFORCE: A MIDWEST SUMMIT

April 27-28, 2010
Iowa State University, Ames, Iowa

Shashi Nambisan, Shauna Hallmark, Christopher Albrecht



IOWA STATE UNIVERSITY
Institute for Transportation



About the MTC

The mission of the University Transportation Centers Program (UTCP) is to advance U.S. technology and expertise in the many disciplines comprising transportation through the mechanisms of education, research, and technology transfer at university based centers of excellence. The Midwest Transportation Consortium (MTC) is a Tier 1 University Transportation Center that includes Iowa State University, the University of Iowa, and the University of Northern Iowa. Iowa State University, through its Institute for Transportation, is the MTC's lead institution.

Disclaimer Notice

The contents of this report reflect the views of the authors, who are responsible for the facts and the accuracy of the information presented herein. The opinions, findings and conclusions expressed in this publication are those of the authors and not necessarily those of the sponsors. The sponsors assume no liability for the contents or use of the information contained in this document. This report does not constitute a standard, specification, or regulation. The sponsors do not endorse products or manufacturers. Trademarks or manufacturers' names appear in this report only if they are considered essential to the objective of the document.

Non discrimination Statement

Iowa State University does not discriminate on the basis of race, color, age, religion, national origin, sexual orientation, gender identity, sex, marital status, disability, or status as a U.S. veteran. Inquiries can be directed to the Director of Equal Opportunity and Diversity, (515) 294 7612.

Technical Report Documentation Page

1. Report No.	2. Government Accession No.	3. Recipient's Catalog No.	
4. Title and Subtitle Preparing Tomorrow's Transportation Workforce: A Midwest Summit		5. Report Date August 2010	
		6. Performing Organization Code	
7. Author(s) Shashi Nambisan, Shauna Hallmark, Christopher Albrecht, Iowa State University		8. Performing Organization Report No.	
9. Performing Organization Name and Address Institute for Transportation/ Midwest Transportation Consortium Iowa State University 2711 South Loop Drive, Suite 4700 Ames, IA 50010-8664		10. Work Unit No. (TRAIIS)	
		11. Contract or Grant No.	
12. Sponsoring Organization Name and Address U.S. DOT's Research and Innovative Technology Administration (RITA), University Transportation Centers Program, 1200 New Jersey Avenue, SE, Washington, DC 20590 U. S. DOT's Federal Highway Administration (FHWA), same address		13. Type of Report and Period Covered	
		14. Sponsoring Agency Code	
15. Supplementary Notes Visit www.intrans.iastate.edu for color PDF files of this and other research reports.			
16. Abstract Preparing Tomorrow's Transportation Workforce: A Midwest Summit, held April 27–28, 2010, in Ames, Iowa, was one of several regional transportation workforce development summits held across the United States in 2009 and 2010 as part of a coordinated initiative to ultimately develop a national strategy to address future transportation workforce issues. The initiative is being led by the U. S. Department of Transportation's (DOT) Research and Innovative Technology Administration (RITA). This particular summit was hosted by Iowa State University's Midwest Transportation Consortium (MTC) and Institute for Transportation (InTrans). The purpose of the Midwest summit was to assess the educational and training needs of the future transportation workforce and identify strategies to address those needs across various career paths. It addressed a broad spectrum of topics including strategies to attract women and under-represented minority groups, pre-college opportunities and strategies, post-secondary education, post-college continuing education, professional licensure, and specific industry perspectives. The goals of the summit were (1) to gain an improved understanding of the transportation workforce needs of Iowa and the surrounding states and (2) to identify best practices in addressing the workforce development needs. This event had two tracks: one focused on pre-college education and the other focused primarily on college education and practitioners. Attendees provided a good cross-section of the larger transportation industry. From what was learned at the summit, Iowa State University, like other regional hosts, can develop a "profile of needs" for Iowa including specific job categories over specific time horizons. The summit was also successful in identifying best practices in addressing the workforce needs that can be utilized by us and others as potential tools or in a "national-level list of attributes." Each regional summit has provided some guidance in developing statewide profiles. The collection of best practices or tools from all the regional summits can be shared and applied to address state (or regional) needs profiles to attract, develop, and retain an effective workforce.			
17. Key Words workforce development, professional development, education, training		18. Distribution Statement No restrictions.	
19. Security Classification (of this report) Unclassified.	20. Security Classification (of this page) Unclassified.	21. No. of Pages 26 plus front matter	22. Price NA

**PREPARING TOMORROW'S TRANSPORTATION WORKFORCE:
A MIDWEST SUMMIT**

April 27–28, 2010

Summit report prepared by
Shashi Nambisan, Director, Institute for Transportation; Professor of Civil Engineering
Shauna Hallmark, Director, Midwest Transportation Consortium (MTC); Associate Professor of Civil
Engineering
Chris Albrecht, MTC Coordinator

August 2010

Midwest Transportation Consortium / Institute for Transportation
Iowa State University
2711 S. Loop Drive, Suite 4700
Ames, IA 50010 8664
Phone: 515 294 8103
Fax: 515 294 0467
www.intrans.iastate.edu/

Table of Contents

Acknowledgments..... v

Executive Summary..... 1

Summit Agenda..... 4

Session Details 6

Summit Conclusions..... 23

Appendix: List of Attendees..... 25

