

# MIT RESEARCH PROGRAM ON TREN URBANO

## EXECUTIVE SUMMARIES FOR THESES SUBMITTED YEAR 1-3

<b>Lee Addo</b> <i>Advisor: Miller</i>	<b>Procurement Strategies for Long-Term Control, Operation and Maintenance of Tren Urbano</b>	MS	9/97	TU YEAR 3	<b>Executive Summary writer(s)</b> Tong Li
<b>Omar Baba</b> <i>Advisor: Wilson</i>	<b>A Methodology for Bus Network Design</b>	MS	8/95	TU YEAR 1	<b>Executive Summary writer(s)</b> Jason Lee
<b>Timothy J. Boesch</b> <i>Advisor: Humphrey</i>	<b>Electronic Toll Collection: A Summary and Analysis of Current Practices with Application to San Juan, Puerto Rico</b>	MS	9/96	TU YEAR 2	<b>Executive Summary writer(s)</b> Elton Lin (joint report) Jo Moreira
<b>John R. Decker</b> <i>Advisor: Miller</i>	<b>Increased Private Involvement in the Delivery of Transportation Infrastructure: The State-of-the-Art in Transit System Turnkey Contracts</b>	MS	6/96	TU YEAR 2	<b>Executive Summary writer(s)</b> Lora Blackman
<b>Paul C. Greenberg</b> <i>Advisor: Miller</i>	<b>Delivery of Tren Urbano Stations as Strategic Urban Nodes</b>	MS	6/96	TU YEAR 2	<b>Executive Summary writer(s)</b> Ami Parikh
<b>Alan S. Hoffman</b> <i>Advisor: Gakenheimer</i>	<b>Toward a Positioning Strategy for Transit Services in Metropolitan San Juan</b>	MS	2/96	TU YEAR 2	<b>Executive Summary writer(s)</b> Munsun Park
<b>Lisa Klein</b> <i>Advisor: Salvucci/Wilson</i>	<b>The Major Investment Study as a Planning and Policy Tool</b>	MS	5/97	TU YEAR 3	<b>Executive Summary writer(s)</b> Noah Berger (separate reports) Eryn Deeming

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<b>Samuel W. Lau</b> <i>Advisor: Wilson</i>	<b>Strategies for Improving Jitneys as a Public Transport Mode</b>	
MS	9/97	TU YEAR 3
<b>Executive Summary writer(s)</b> Shallesh Gongal		

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<b>Ralph Olayé</b> <i>Advisor: Mishalani</i>	<b>Sensitivity of Infrastructure Performance to Initial Design and Construction Standards</b>	
MS	9/97	TU YEAR 3
<b>Executive Summary writer(s)</b> Sebastiano Parmegiani		

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<b>Daniel A. Rodriguez</b> <i>Advisor: Sussman</i>	<b>Developing a System Architecture for Intelligent Transportation Systems with Applications to San Juan, Puerto Rico</b>	
MS		TU YEAR 2
<b>Executive Summary writer(s)</b> Iris Ortiz		

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<b>Jeffrey Sriver</b> <i>Advisor: Wilson</i>	<b>Factors Influencing Land Development Around Rail Transit Stations</b>	
MS	8/95	TU YEAR 1
<b>Executive Summary writer(s)</b> Randy Knapick		

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## LIST OF YEARS 1 – 3 THESES NEEDING EXECUTIVE SUMMARIES

<b>Angela Alba-Carbó</b> <i>Advisor: Whittle</i>	<b>Prediction of Ground Deformations Caused by Underground Construction of the Tren Urbano in Rio Piedras</b>	
MS	12/97	TU YEAR 3
Executive Summary writer(s) [REDACTED]		
<b>Joseph E. Barr</b> <i>Advisor: Wilson</i>	<b>Intermodal Fare Integration: Application to the San Juan Metropolitan Area</b>	
MS	6/97	TU YEAR 3
Executive Summary writer(s) [REDACTED]		
<b>Clare Epstein</b> <i>Advisor: Wilson/Kruckemeyer</i>	<b>Transit Security: Quality of Life Issues and Strategies</b>	
MS	5/97	TU YEAR 3
Executive Summary writer(s) [REDACTED]		
<b>Cathal T. Ridge</b> <i>Advisor: Wilson</i>	<b>A Study of Rail Transit System Phasing and Expansion Decisions</b>	
MS	5/96	TU YEAR 2
Executive Summary writer(s) [REDACTED]		
<b>Nicola L. Shaw</b> <i>Advisor: Wilson</i>	<b>Strategic Planning in Public Transit</b>	
MS	5/95	TU YEAR 1
Executive Summary writer(s) [REDACTED]		