

Tren Urbano UPR-MIT Professional Development Program Staff Consultant Roster

This roster is a partial listing of the staff resources of the Tren Urbano Project, its consultants and contractors. Both UPR & MIT have specialists in these and other transportation / construction related areas. Additional experts are available and can be contacted for assistance in student research. Unless otherwise noted, the telephone area code is 787.

Staff Consultant	Specialty	Contact Information
1. Altshuler, Randy	Procurement, Operations & Maintenance, Systems	GMAEC - 765-0927 x245
2. Aue, Gerhard	Systems	STT - 274-3900
3. Barber, John	Systems	GMAEC - 765-0927 x323
4. Biehler, Al	Transportation Planning, Operations & Maintenance	GMAEC - 765-0927 x202
5. Capacete, José	Geotechnical Engineering	GMAEC - 765-0927 x237 792-0904
6. Cardona, Segundo	Station Architecture - Río Bayamón, Torrimar, Las Lomas, San Alfonso, De Diego, Centro Médico, Villa Nevárez, Centro Judicial, Domenech, Hato Rey Centro, Hato Rey Nuevo Centro, Sagrado Corazón	Sierra, Cardona y Ferrer - 781-9090
7. Chmielinski, Jane	Environmental Analysis, Permitting	GMAEC - 765-0927 x394 617-723-1700
8. Colón de Armas, Carlos	Finance, Procurement, Project Management	HTA - 729-1538
9. Correa, Abelardo	Station Architecture - Hato Rey	GMAEC - 765-0927 x348
10. Craven, Bill	Patronage projections, demand modeling	GMAEC/Cambridge Systematics - 765-0927 x347
11. Cruz, Miguel	Transportation Planning	GMAEC - 765-0927 x269
12. Díaz Zayas, José	Construction Management, Oversight of all contract managers	HTA - 765-0927 x241
13. Félix, Ariel	Transportation planning, land use	GMAEC - 765-0927 x207
14. Ferretti, Joe	Operations & Maintenance	Siemens/ ACI -274-3939
15. Fialkoff, Sheldon	Transportation planning, fare collection	GMAEC - 765-0927 x395
16. Fosbrook, Geoffrey	Project Management, procurement, construction management	GMAEC - 765-0927 x 200
17. Gardner, Gilbert	Engineering, technical services	GMAEC - 765-0927 x271
18. González, Carmen	Transportation planning, intermodal connections (públicos)	GMAEC - 765-0927 x279
19. González, Sergio	Transportation, highways & transit, management	HTA - 729-1531

Staff Consultant	Specialty	Contact Information
20. Hanson, Carl	Transit noise & vibration - impact assessment, mitigation, design, analysis	HMMH - 781-229-0707
21. Hoar, Richard	Project controls, estimating, construction management	GMAEC - 765-0927 x363
22. Jiménez, Rafael	Project & construction management	TUO - 765-0927 x304
23. Kruckemeyer, Ken	Transportation planning, architecture, urban design	MIT - 617-253-8003
24. Lazo, Francisco	Structural engineering	GMAEC - 765-0927 x257
25. Mundo, Joe	Interface coordination, project management	STT/PB - 274-3965
26. Ortiz, Elmo	Urban Design	GMAEC - 765-0927 x235
27. Pellot, Miguel	Traffic engineering	GMAEC - 765-0927 x 267
28. Pérez, Lourdes	Communications & transportation, public relations	DTOP - 729-1504
29. Puls, Carsten	Systems - communications	STT - 274-3900
30. Rodríguez, Marisol	Transportation planning, GIS, land use, zoning	GMAEC - 765-0927 x295
31. Salvucci, Fred	Transportation policy, planning	MIT - 617-253-5378
32. Shreffler-Bogart, Sonia	Traffic engineering	GMAEC - 765-0927 x267
33. Veights, David	Transportation planning	GMAEC - 765-0927 x267
34. Wilson, Nigel	Transportation systems, operations planning, etc.	MIT - 617-253-5046

Tren Urbano UPR-MIT Professional Development Program
Thursday, January 15, 1998, 11:00 AM -12:00 PM

Name	University	Research Topic	Consultation Staff
1. Agarwal, Om	MIT	Institutional Structure and Arrangements for Monitoring and Control of the Tren Urbano System	Joe Ferretti, STT/ACI Sergio González Carlos Colón
2. Almodovar, Israel	MIT	Cash Flow Requirements for Phase I of Tren Urbano	Carlos Colón de Armas
3. Castro Echevarría, Alba	UPR	Vibration Impact Analysis in Phase IV	José Capacete Carl Hanson (by phone)
4. Cosme Nazario, Rosamil	UPR	El desarrollo de un plan de área para una estación en la segunda fase del Tren Urbano	Sheldon Fialkoff, Al Biehler, Ken Kruckemeyer, Nigel Wilson
5. Cruzado, Héctor	MIT	Optimization of the Elevated Railway Structure in the Tren Urbano Project	Francisco Lazo ICA/Miramar Nesco/Redondo
6. Del Valle González, Carlos	UPR	Tren Urbano: Stage I-A Economic, Social, and Urban Evaluation	Jane Chmielinski, Carmen González, Sheldon Fialkoff
7. Esbri Amador, Elizabeth	UPR	Evaluación del Impacto del Ruido por el Tren Urbano en el Viejo San Juan	Carl Hanson (by phone)
8. Ferrer, Elvin	UPR	Desarrollo de la ciudad alrededor d e la estación de Villa Nevárez	Segundo Cardona, Elmo Ortiz, Sonia Shreffler-Bogart, Miguel Pellot, Carmen González
9. González Ortiz, Javier	UPR	Medidas de posición para los trenes del Tren Urbano	Carsten Puls, Gerhard Aue
10. Harpoth, Nina	MIT	Collaborative Negotiation	Geoffrey Fosbrook, Carlos Colón, Randy Altshuler
11. Iglesias Torres, Ingrid	UPR	Desarrollo de la ciudad alrededor d e la estación de Villa Nevárez	Segundo Cardona, Elmo Ortiz, Sonia Shreffler-Bogart, Miguel Pellot, Carmen González

Name	University	Research Topic	Consultation Staff
12. La Luz, Yadira	U. Texas		
13. Lakshminarayanan, Dhaya	MIT	Securing Adequate and Reliable Electricity Supply	Joe Ferretti, STT/ACI Contact someone at PREPA
14. Lane, Clayton	MIT	Improving Access to Jobs via Effective Public Transportation: A Framework for Mobility in San Juan	Miguel Cruz?? Marisol Rodriguez Ariel Félix, Sheldon Fialkoff
15. Mahoney, Stephen	MIT	Construction Management subject	Joe Mundo, José Díaz Zayas, Dr. Jiménez, Rick Hoar
16. Molina Bas, Omar	UPR	Mercadeando la Seguridad del Tren Urbano	Joe Ferretti
17. Ortiz Delbue, Francisco	MIT	Objective: Investigate strategies to promote the physical integration of elevated transit structures and stations into their immediate ..	Segundo Cardona, Elmo Ortiz, Aberlado Correa
18. Ortiz Guzmán, Gerardo	UPR	Analysis and Evaluation of the Domenech Station	Sheldon Fialkoff, Abelardo Correa
19. Padua Pérez, Luz	UPR	Determination of Tren Urbano Demand Based on Socio-Economic and Transportation Indicators	Sheldon Fialkoff, Al Biehler, David Veights, Bill Craven, Carmen González
20. Pérez Perfecto, Omar	UPR	Web-Based Route Finder/Information Tool for Tren Urbano	John Barber, Gerhard Aue
21. Planck, Charles	MIT	Three-Dimensional Marketing: Reorienting Transit Marketing for San Juan, Puerto Rico	Joe Ferretti, Lourdes Pérez
22. Quevedo Torres, Mariel	UPR	Análisis de Viabilidad de las Alternativas A y B de la Fase 1-A	Wally Dela Barre, Al Biehler, Sheldon Fialkoff, or Jane Chmielinski
23. Ramos Ortiz, Jorge	UPR	Evaluation of Maintenance of Traffic Plans to Be Implemented during Tren Urbano Construction	Sonia Shreffler-Bogart

Name	University	Research Topic	Consultation Staff
24. Ríos Medina, Elizam	UPR	Customer Training	Joe Ferretti
25. Schank, Joshua	MIT	Tren Urbano Airport Access Research Proposal	Al Biehler, Sheldon Fialkoff
26. Walker, Joan	MIT	Measurement of Accessibility for the Study and Evaluation of Transportation Investments	Fred Salvucci, Al Biehler, Carlos Colon
27. Zarrilli, Daniel	MIT	A Study in Operations, Maintenance, and Inspection Policy	Joe Ferretti, Randy Altshuler

MIT RESEARCH PROGRAM ON TREN URBANO

YEAR 4 THESES AND REPORTS

O.P. Agarwal

Advisor: Miller

Managing Privately Procured Rail Transit Systems: A Case Study of the Tren Urbano

Thesis type & date MS 5/98

TU YEAR 4

Israel Almodovar

Advisor: Miller

Capital Budgeting for Tren Urbano Extensions

Thesis type & date

continuing YEAR 5 (report Year 4)

Héctor Cruzado

Advisor: Kruckemeyer

Assessment of a Precast Prestressed Segmental Concrete Rail Transit Guideway Design

Thesis type & date MS 5/98

TU YEAR 4

Matthew Dieterich

Advisor: Miller

Emerging Options in Project Delivery and Finance: Tren Urbano and Massport's Intermodal Transit Connector

Thesis type & date MS 1/98

TU YEAR 4

Daniel Freire

Advisor: Sussman

The Potential Economic Development Opportunities of Tren Urbano

Thesis type & date MS 5/98

TU YEAR 4

Lina Harpoth

Advisor: Peña-Mora

Conflict Management in Tren Urbano

Thesis type & date

continuing YEAR 5 (report Year 4)

Dhaya Lakshminarayan

Advisor: Levy

Procurement Options for Emergency Backup Power

Thesis type & date

(report Year 4)

Clayton Lane

Advisor: Coughlin

Improving Access to Jobs via Effective Public Transportation: A Framework for Mobility in San Juan

Thesis type & date

continuing YEAR 5 (report Year 4)

Stephen Mahoney

Advisor: Miller

The Project Configuration Process in Mixed Delivery Settings

Thesis type & date

continuing YEAR 5 (report Year 4)

Francisco Ortiz

Advisor: Kruckemeyer

A Bioclimatic Approach to the Integrated Design of Transit Stations and Their Immediate Surroundings

Thesis type & date MS 5/98

TU YEAR 4

Charles Planck

Advisor: Coughlin

Transit Marketing: Strategies for San Juan, Puerto Rico

Thesis type & date MS 6/98

TU YEAR 4

MIT RESEARCH PROGRAM ON TREN URBANO

YEAR 4 THESES AND REPORTS

Eric Randall

An Assessment of Acuaexpreso: The Urban Ferry System in San Juan

Advisor: Wilson

Thesis type & date MS 1/98

TU YEAR 4

Joshua Schank

Airport Access via Tren Urbano

Advisor: Wilson

Thesis type & date

continuing YEAR 5 (report Year 4)

Mikael Sheikh

Approaches to Passenger Information for Public Transit: Application to the San Juan Metropolitan Area

Advisor: Wilson

Thesis type & date MS 8/98

TU YEAR 4

Joan Walker

Accessibility-Based Evaluation Methods

Advisor: Ben-Akiva

Thesis type & date

continuing YEAR 5 (report Year 4)

Louisa Yue

The Location Efficient Mortgage: A Strategy for Promoting Transit-Supportive Housing

Advisor: Coughlin

Thesis type & date MS 5/98

TU YEAR 4

Daniel Zarrilli

Infrastructure Management for Tren Urbano

Advisor: Miller

Thesis type & date

continuing YEAR 5 (report Year 4)

Ming Zhang

Job Accessibility in the San Juan Metropolitan Region (SJMR): Maximizing the Benefits of Tren Urbano

Advisor: Shen

Thesis type & date

(report Year 4)

MIT RESEARCH PROGRAM ON TREN URBANO

ALL THESES NEEDING EXECUTIVE SUMMARIES

Angela Alba-Carbó <i>Advisor: Whittle</i>	Prediction of Ground Deformations Caused by Underground Construction of the Tren Urbano in Rio Piedras
MS	12/97
	TU YEAR 3

Joseph E. Barr <i>Advisor: Wilson</i>	Intermodal Fare Integration: Application to the San Juan Metropolitan Area
MS	6/97
	TU YEAR 3

Matthew Dieterich <i>Advisor: Miller</i>	Emerging Options in Project Delivery and Finance: Tren Urbano and Massport's Intermodal Transit Connector
MS	1/98
	TU YEAR 4

Clare Epstein <i>Advisor: Wilson/Kruckemeyer</i>	Transit Security: Quality of Life Issues and Strategies
MS	5/97
	TU YEAR 3

Ilan S. Hoffman <i>Advisor: Gakenheimer</i>	Toward a Positioning Strategy for Transit Services in Metropolitan San Juan
MS	2/96
	TU YEAR 2

Eric Randall <i>Advisor: Wilson</i>	An Assessment of Acuaexpreso: The Urban Ferry System in San Juan
MS	1/98
	TU YEAR 4

Nicola L. Shaw <i>Advisor: Wilson</i>	Strategic Planning in Public Transit
MS	5/95
	TU YEAR 1
