

Tren Urbano UPR-MIT Professional Development and Research Program - January 2002

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Topic: *priority in the Old San Juan Corridor*

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Research *Estación del Tren Urbano y el Sistema de*
Topic: *Parques de Puerta de Tierra: Nueva Simbiosis en la Isleta*

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Research *Demografía, actitudes y patrones de*
Topic: *movilidad de los usuarios de carro público en el area Metropolitana de San Juan*

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Research *Financing subway extensions through area*
Topic: *development*

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Research *Transportation systems: integrating the*
Topic: *natural environment*

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Institution: MIT
Research *Park it over there, buddy: an inquiry into*
Topic: *transit-station area parking issues*

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Research *The impact of route associations on jitney*
Topic: *service quality*

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Research *A case for Federal funding: The Americans*
Topic: *with Disabilities Act*

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Research *Management and training issues for quality
service of a new-start system: a framework
for Tren Urbano*
Topic:

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Research *Evaluation of Actual Regulations of Highway
Design Concerning Pedestrians in Puerto
Rico*
Topic:

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Research *Understanding capacity and performance of
urban rail rapid transit terminals*
Topic:

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Research *Airport Access: a local issue, a national
priority?*
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Research *Análisis de Negociaciones y Acuerdos entre
Porteadores de Públicos y Agencias de
Gobierno para lograr su integración al Tren
Urbano*
Topic:

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Research *Artificial Vision for Vehicle Monitoring at Tren
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Topic:

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Research *A GPS-Based System for Monitoring*
Topic: *"Publicos" Routes and Schedules*

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Research *The Elderly and Disabled Persons of the San*
Topic: *Juan Metropolitan Area and their Impact as*
Potential Market for Tren Urbano

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Research *Strategies for design: shaping private*
Topic: *development adjacent to suburban transit*
stations; cases for Tren Urbano

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Research *Rail Management Strategies*
Topic:

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Research *Implementation of policies for transit systems*
Topic: *preferential treatment*

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Research *El TU: llave para la conexión de áreas*
Topic: *verdes y espacios públicos*

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Research *Designing transit stations for student riders*
Topic:

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Research *Accessing transit stations: making the journey safer and more inviting*
Topic:

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Research *Leveraging automatic vehicle location technologies to enhance traveler information for inter-modal public transportation systems: strategies for Tren Urbano and the Chicago Transit Authority*
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Research *Proyecto multiusos con vivienda para personas de edad avanzada en la estación del Tren Urbano de Puerta de Tierra*
Topic:

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Research *Estación Labra: elemento estratégico para la*
Topic: *revitalización de sus comunidades aledañas*

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Research *Use of automated data to improve transit line*
Topic: *reliability*

VIII Encuentro UPR/MIT sobre el Tren Urbano
8th UPR-MIT Conference on Tren Urbano \ January 8-12, 2002

Proposed Program

Monday, January 7, 2002

5:30 – **Get Acquainted Reception**
 Embassy Suites Hotel

Tuesday, January 8, 2002

8:30 Registration
 9:00 **Welcome and Introduction to the 8th UPR/MIT Conference on Tren Urbano**
Dr. Benjamin Colucci & Ms. Lydia E. Mercado, Arch. Ken Kruckemeyer
Greetings from Tren Urbano Project Director & Introduction of HTA Exec. Director Eng. Ricardo Alvarez
HTA: A Multimodal Agency
Dr. Jack T. Allison, Deputy Exec. Director, HTA
 11:00 **Break**
 11:15 **Tren Urbano Project Update**
Eng. Ricardo Alvarez, TU Project Director
 12:30 **Lunch**
 1:30 **Poster Session #1**
 2:45 **Presentation & Tour of Metropolitan Bus Authority (AMA)**
 7:30 **Welcome Reception**
 Fundación Luis Muñoz Marín, Río Piedras

Wednesday, January 9, 2002

9:00 **Marketing Public Transportation**
 Moderator: Dr. Jorge Iván Vélez Arocho
 Panelists: Mr. Murray Bond (WMATA), Mr. Michael Bartholf (Maryland Transit Administration), Mr. Orlando Paiva (Caracas Metro)
 10:45 **Break**
 11:15 **Poster Session #2**
 12:15 **Lunch (in Bayamón)**
 2:00 **Experiencing Public Transportation in SJMA**
Take publicos to Cataño, Río Piedras, or Santurce transfer to ferry or AMA bus to arrive in San Juan
 5:00 **Walking tour of Old San Juan**
 7:30 **Faculty Meeting Restaurante Antonio**
Students – Evening at leisure

Thursday, January 10, 2002

9:00 **A New Approach to Integrating Transit in the City: The Planning Board & Tren Urbano**
Dr. Hermenegildo Ortiz, President, Puerto Rico Planning Board
 9:30 **Transit & Urban Issues**
 Moderator: Prof. Esteban Sennyey
 Panelists: Planner José "Tato" Rivera Santana, Planner Javier Bonnin, Arch. Elmo Ortiz, Arch. Andrés Mignucci
 11:15 **Break**
 11:30 **Poster Session #3**
 12:30 **Lunch at Tren Urbano Office**
 1:30 **Intelligent Transportation Systems & Transit**
 Moderator: Dr. Didier Valdés
 Panelists: Mr. Terrell Williams (FTA), Eng. Mikel Murga, (Leber/MIT), Eng. Evan González (HTA), Eng. Eddie Rivera (FHWA)
 2:45 **Tour of Río Piedras Tunnel**

Travel by van to Río Piedras Tren Urbano Office

Evening at leisure

Friday, January 11, 2002

International Transit Systems
 9:00 **Metro de Caracas**
 Arch. Soraya Azan
 10:00 **Break**
 10:15 **Washington Metropolitan Area Transit Authority**
 Mr. Murray Bond
 11:15 **Poster Session #4**
 12:15 **Lunch**
 1:30 **Maryland Transit Administration**
 Mr. Michael Bartholf & Mr. Henry Kay
 2:30 **Bilbao, Spain**
 Eng. Mikel Murga
 3:30 **Break**
 3:45 **Bogota, Colombia**
 Eng. Pilar Rodriguez & Eng. German Lleras
 Evening at leisure

Saturday, January 12, 2002

9:00 **Helicopter Tour of Alignment**
 Meet at Isla Grande Airport
 12:00 **Lunch at Martínez Nadal**
 1:30-3:00 **Visit to Martínez Nadal Station & Train**
 6:30-8:30 **Closure Dinner**
 Hotel El Convento
 100 Cristo Street, Old San Juan

Sunday, January 13, 2002

All day **At leisure**
 Optional Tour: El Yunque Rain Forest & Luquillo Beach

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8th UPR-MIT Conference on Tren Urbano
January 8-12, 2000
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January 8-12, 2000
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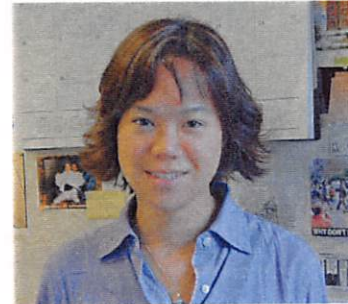
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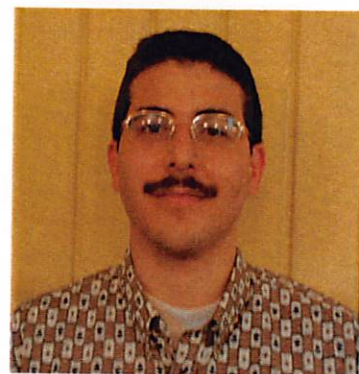
Allison Davis
Civil & Environmental Engineering
MIT



Austin Horowitz
Civil & Environmental Engineering
MIT

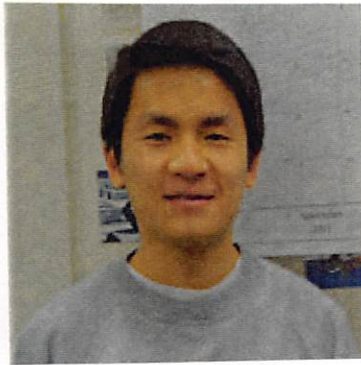


José Luis Flores
Civil Engineering
HTA



Jaime José Laracuenta Díaz
Electrical Engineering
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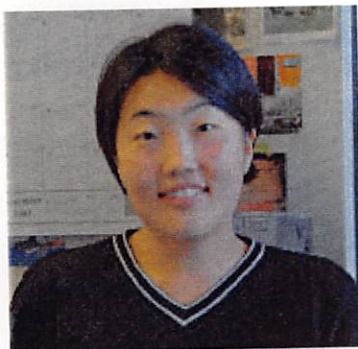
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Esther Lee
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Héctor Ortiz Peña
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Jeffrey Robles Candelario
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**Tren Urbano UPR- MIT Professional Development Research Program
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María T. Rodríguez Mattei
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Vice President
Programming & Service
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Marianela Santiago Luna
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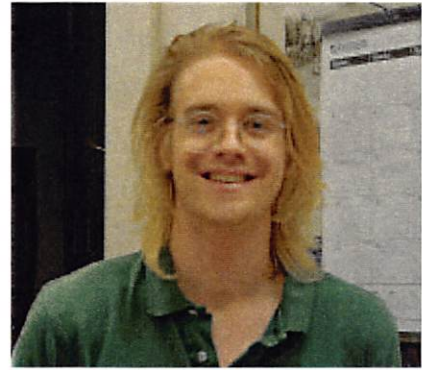


Miguel Soto
Superintendent/Communications
AMA

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Frances Switkes
Urban Studies & Planning
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Erik Wile
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Jammile Victorio Sánchez
Architecture
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Carlos Virella García
Urban Planning
UPR – Río Piedras

Poster Session 1 Tues., Jan 8 1:30-2:30 PM	Poster Session 2 Wed., Jan. 9 11:15 AM -12:15 PM	Poster Session 3 Thurs., Jan. 10 11:30 AM -12:30 PM	Poster Session 4 Fri., Jan. 11 11:15 - 12:15 PM
<ol style="list-style-type: none"> 1. Michael Santos & Marianela Santiago, UPR, <i>Tren Urbano Passenger Information System</i> 2. Viviana Rivera, UPR, <i>The Elderly and Disabled Persons of the San Juan Metropolitan Area and their Impact as Potential Market for Tren Urbano</i> 3. Jammile Victorio, UPR, <i>Proyecto multiusos con vivienda para personas de edad avanzada en la estación del Tren Urbano de Puerta de Tierra</i> 4. Allison Davis, MIT, <i>A case for Federal funding: The Americans with Disabilities Act</i> 5. Derek Lee, MIT, <i>Understanding Capacity and Performance of Urban Rail Rapid Transit Terminals</i> 6. Lilly Shuey, MIT, <i>Designing transit stations for student riders</i> 7. Elizabeth Curtis, MIT, <i>Park it over there, buddy: an inquiry into transit-station area parking issues</i> 	<ol style="list-style-type: none"> 1. Migdalia Batista, UPR, <i>Demografía, actitudes y patrones de movilidad de los usuarios de carro público en el Area Metropolitana de San Juan</i> 2. Jaime Laracuenta, UPR, <i>Artificial Vision for Vehicle Monitoring at Tren Urbano Stations</i> 3. Arelys Matías, UPR, <i>Análisis de Negociaciones y Acuerdos entre Porteadores de Públicos y Agencias de Gobierno para lograr su integración al Tren Urbano</i> 4. Cybele Chang, MIT, <i>The impact of route associations on jitney service quality</i> 5. Esther Lee, MIT, <i>Operations management of Tren Urbano: The organizational capacity of Siemens and the Puerto Rican government and their implications on the San Juan labor market</i> 6. Erik Wile, MIT, <i>Use of Automated Data to Improve Transit Line Reliability</i> 7. Matthew Sholler, MIT, <i>Leveraging automatic vehicle location technologies to enhance traveler information for inter-modal public transportation systems: strategies for Tren Urbano and the Chicago Transit Authority</i> 	<ol style="list-style-type: none"> 1. Johanna González, UPR, <i>Evaluation of Actual Regulations of Highway Design Concerning Pedestrians in Puerto Rico</i> 2. Héctor Ortiz, UPR, <i>A GPS-Based System for Monitoring "Público" Routes and Schedules</i> 3. María Rodríguez, UPR, <i>El Tren Urbano como alternativa para el establecimiento de corredores ecológicos y conexión de espacios públicos</i> 4. Elizabeth Bent, MIT, <i>Transportation Systems: Integrating the Natural Environment</i> 5. George Proakis, MIT, <i>Strategies for design: shaping private development adjacent to suburban transit stations; case studies for Tren Urbano</i> 6. Alvaro Covarrubias, MIT, <i>Financing subway extensions through area development</i> 	<ol style="list-style-type: none"> 1. Jossie Correa, UPR, <i>Estación del Tren Urbano y Zona Recreativa – Turística de Puerta de Tierra: Nueva Simbiosis en la Isleta</i> 2. Jeffrey Robles, UPR, <i>Rail Management Strategies</i> 3. Carlos Virella, UPR, <i>Estación Labra: elemento estratégico para la revitalización de sus comunidades aledañas</i> 4. Frances Switkes, MIT, <i>Accessing transit stations: making the journey safer and more inviting</i> 5. Selman Altun, Northeastern. <i>Improved signal control strategies for bus priority in the Old San Juan Corridor</i> 6. Michael Pulichino, MIT, <i>Implementation of policies for transit systems preferential treatment</i> 7. Austin Horowitz, MIT, <i>Airport Access: a local issue, a national priority?</i>