

Tren Urbano UPR/MIT Professional Development Program - Student Directory - Group 7 - 2000-01

Barker *David*
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 Somerville MA 02144-
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Discipline: Transportation Studies
Research Topic: *Optimizing the Automated Train Regulation System for Tren Urbano*

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 Ashdown House #515a, 305 Memorial Drive
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Discipline: Transportation Systems
Research Topic: *Analysis of Alternative Service Plans: Incorporating the Feeder System and Maximizing System Benefits*

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 Carolina PR 00979-
Phone Number: (787) 791-8202
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University: UPR
Discipline: Urban Planning
Research Topic: *Santurce: Reconceptualizando la ciudad con el Tren*

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Discipline: Mechanical Engineering
Research Topic: *Development of Maintenance Procedures for Tren Urbano Vehicles (Joint project with Obed Santos)*

Cintron *Raúl*
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Discipline: Civil Engineering
Research Topic: *N/A*

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 Carolina PR 00987-
Phone Number: (787) 761-4238
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Discipline: Civil Engineering
Research Topic: *Evaluation of Strategies to Promote Transit Ridership Among Choice Riders: Application to Tren Urbano*

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<p>González <i>Magaly</i> Tren Urbano Office, 398 Jesús T. Piñero Ave. San Juan PR 00918- Phone Number: (787) 751-9747 Email: mgonzalez@trenurbano.dtop.gov.pr University: HTA Discipline: Civil Engineering Research N/A Topic:</p>	<p>Lebrón Durán <i>Ivelysse</i> Manzanillo 666 Venus Gardens San Juan PR 00926- Phone Number: (787) 755-2579 Email: ilebron@hotmail.com University: UPR Discipline: Mechanical Engineering Research <i>Use of Life Cycle Assessment in the</i> Topic: <i>Environmental Decision-Making</i> <i>Process for Transportation Infrastructure</i> <i>Projects</i></p>
<p>Jiménez Arocho <i>Keyla I</i> Munoz Rivera No.15 Lares PR 00669- Phone Number: (787) 604-4057 Email: University: UPR Discipline: Architecture Research <i>E-Work: An Architectural Development</i> Topic: <i>Directly Liked to Tren Urbano for the</i> <i>Mobile Worker</i></p>	<p>Lleras <i>German</i> 225 Charles St. Apt. 1 Cambridge MA 02141- Phone Number: (617) 868-2897 Email: glleras@mit.edu University: MIT Discipline: Transportation Systems Research <i>Travel Behavior Panel Before & After</i> Topic: <i>Tren Urbano</i></p>
<p>Kavanaugh <i>Alex</i> MIT 9-514, 12 Wait St. #3R Boston MA 02120- Phone Number: (617) 623-5980 Email: alexkav@mit.edu University: MIT Discipline: Urban Planning Research <i>Using IT to Facilitate Technology</i> Topic: <i>Transfer for Tren Urbano</i></p>	<p>López Pérez <i>Jorge I.</i> Calle Robalo 1572 Urb. Bahia Vistamar Carolina PR 00983- Phone Number: (787) 644-5049 Email: jorge2010@hotmail.com University: UPR Discipline: Business Management Research <i>Economic Development Model for</i> Topic: <i>Jardines Station</i></p>

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<p>Marrero <i>Edgardo</i> Tren Urbano Office, 398 Jesús T. Piñero Ave. San Juan PR 00918- Phone Number: (787) 765-6515 Email: emarrero@trenurbano.dtop.gov.pr University: HTA Discipline: Civil Engineering Research N/A Topic:</p>	<p>Morales Matos <i>Yamille A.</i> Calle 23-#1313 Monte Carlo Río Piedras PR 00924- Phone Number: (787) 276-1323 Email: yamille@prtc.net, ymorales@ece.uprm.edu University: UPR Discipline: Electrical Engineering Research <i>A GPS-Based System for Internet</i> Topic: <i>Publishing of Bus Schedules in Real-Time (Joint project with Zharadeen Parrilla)</i></p>
<p>Martínez Martínez <i>Francisco E.</i> P.O. Box 1182 Vega Baja PR 00694- Phone Number: (787) 547-0786 Email: suspiman@yahoo.com University: UPR Discipline: Civil Engineering Research <i>Análisis de Estrategias Contractuales para Mantener un Nivel de Servicio Eficiente en Sistemas de Rieles</i> Topic:</p>	<p>Núñez Sierra <i>Victoria N.</i> P.O. Box 288 Gurabo PR 00778- Phone Number: (787) 737-5299 Email: vnunez@usgs.gov University: UPR Discipline: Urban Planning Research <i>Plan para la integración del sistema de</i> Topic: <i>transportación colectiva a la propuesta Plaza Tren Urbano en Caguas</i></p>
<p>Moore <i>Angela</i> Tang Hall #23E2, 550 Memorial Drive Cambridge MA 02139- Phone Number: (617) 225-1225 Email: amm9@mit.edu University: MIT Discipline: Transportation Systems Research <i>Tren Urbano Recovery Guidelines for</i> Topic: <i>Service Disruptions</i></p>	<p>Parrilla Rodríguez <i>Zharadeen</i> Calle Georgetti 1394 Apt. 402 San Juan PR 00909- Phone Number: (787) 725-8596 Email: zharadeen.p@puertorico.com University: UPR Discipline: Electrical Engineering Research <i>A GPS-Based System for Internet</i> Topic: <i>Publishing of Bus Schedules in Real-Time (Joint project with Yamille Morales)</i></p>

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<p>Ramos Pellicia <i>Talia</i> <i>M.</i> P24 C/19 Urb. El Cortijo Bayamón PR 00956- Phone Number: (787) 799-8918 Email: talitali@hotmail.com University: UPR Discipline: Industrial Engineering Research <i>Emergency and Evacuation Systems</i> Topic: <i>for Río Piedras Tunnel</i></p>	<p>Rodríguez Ramón <i>Angel</i> <i>M.</i> Urb. Altamesa 1677 Santa Teresa San Juan PR 00921-4731 Phone Number: (787) 783-3964 Email: leodavincci@hotmail.com University: UPR Discipline: Architecture Research <i>Diseño para la estación intermodal: Los</i> Topic: <i>Angeles que podría dar apoyo al</i> <i>Aeropuerto Internacional Luis Muñoz</i> <i>Marín</i></p>
<p>Rivera Martínez <i>Jodselyn</i> Urb. Sagrado Corazon 95 Añasco PR 00610-9833 Phone Number: (787) 826-7893 Email: University: UPR Discipline: Social Sciences Research <i>Puerto Rican Press and the Urban Rail</i> Topic: <i>System</i></p>	<p>Román Torreguitart <i>Jaime</i> <i>A.</i> Calle Ingenieros 409 Mayagüez PR 00680- Phone Number: (787) 834-0674 Email: jartorreguitart@hotmail.com University: UPR Discipline: Civil Engineering Research <i>Framework Development of a Transit</i> Topic: <i>Oriented Route Planner for the SJMA</i></p>
<p>Rodríguez <i>Pilar</i> Ashdown House #506A, 305 Memorial Drive Cambridge MA 02319- Phone Number: (617) 225-9812 Email: pila66@mit.edu University: MIT Discipline: Transportation Systems Research <i>Improving Transit Access from Caguas</i> Topic: <i>to Tren Urbano</i></p>	<p>Rullán Bidot <i>Sara</i> HC-03 Box 10515 Camuy PR 00627- Phone Number: (787) 898-5146 Email: srullan@hotmail.com University: UPR Discipline: Industrial Engineering Research <i>The Application of Total Productive</i> Topic: <i>Maintenance to the Storage and</i> <i>Maintenance Facilities of Tren Urbano</i></p>

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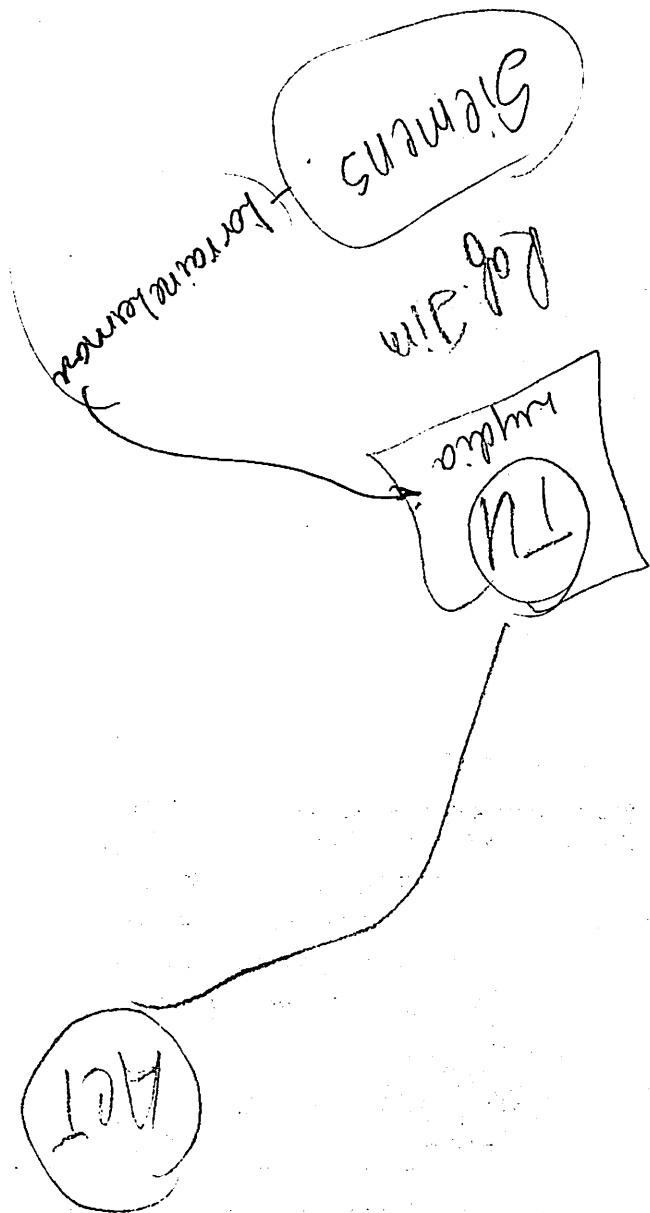
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Research Topic: *Bus Signal Priority and Operational Control in the Viejo San Juan Corridor*

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Research Topic: *Creating Pedestrian Connectivity and Continuity of Fabric in Transit-Oriented Communities: Application to Tren Station Areas*



Tren Urbano UPR-MIT Professional Development Program - Faculty and Staff Directory - 2000-01

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Tren Urbano UPR-MIT Professional Development Program - Faculty and Staff Directory - 2000-01

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VII^{to} Encuentro UPR/MIT sobre el Tren Urbano
7th UPR-MIT Conference on Tren Urbano \ January 11-16, 2001

REVISED

Thursday, January 11, 2001

8:30 Registration
 9:00 **Welcome and Introduction to the 7th UPR/MIT Conference on Tren Urbano**
Dr. Benjamín Colucci & Ms. Lydia E. Mercado
Greetings from Secretary of Transportation and Public Works
 Eng. José M. Izquierdo Encarnación
 10:30 Break
 11:00 **Tren Urbano Project Update**
Arch Fernando Rojas, Tren Urbano Technical Services Director
 12:00 Lunch
 1:00 **Poster Session #1**
 2:00 **Tren Urbano: An Opportunity for Rethinking San Juan's Urban Space**
Dr. Anibal Sepúlveda & Prof. Esteban Sennyey, University of Puerto Rico
 3:00 Break
 3:15 **Public Transportation & Urban Space: Challenges & Opportunities**
Dr. Robert Cervero, Univ. of California, Berkeley
 7:30 **Welcome Dinner** Casa Diego, Cupey

Friday, January 12, 2001

8:30 **Tour of Río Piedras Tunnel**
 11:45 Return to Tren Urbano Office for lunch
 12:00 Lunch
 1:00 **Poster Session #2**
 2:00 **Experiencing Public Transportation in SJMA**
 Depart by bus to Bayamón, take publicos to Cataño, Río Piedras, or Santurce transfer to ferry or AMA bus to arrive in San Juan
 7:30 **Faculty Meeting** Location to be announced
Students – Evening at leisure

Saturday, January 13, 2001

9:00 **Helicopter Tour of Alignment**
 Meet at Isla Grande Airport
 12:00 Lunch at Tren Urbano Office
 1:00 **Tour of Martínez Nadal Station / Yards & Shops**

Sunday, January 14, 2001

All day **At leisure**
 Tour #1: El Yunque Rain Forest & Luquillo Beach
 Tour #2: Camuy River Caverns & Arecibo Observatory

Monday, January 15, 2001

9:00 **Multimodal Integration & Information Technology: A New Vision of Mobility**
Mr. Edward Thomas, Federal Transit Administration
 10:15 Break
 10:30 **International System #2: Caracas/Valencia, Venezuela**
Prof. David Gouverneur
 12:00 Lunch
 1:00 **Poster Session #3**
 2:00 **International System #3: Bilbao, Spain**
Eng. Mikel Murga
 3:00 **Children & Their Neighborhoods – Implications for Transport Policy –**
Mrs. Carmen Sanz de Murga
 3:45 Break
 4:00 **Poster Session #4**
 Evening at leisure

Tuesday, January 16, 2001

8:30 **Marketing Public Transportation**
Moderator: Prof. José M. Romaguera
Panelists: Mr. Jerry Benson, Utah Transit; Mr. Ralph Frisbee, WMATA
 10:30 Break
 10:45 **GPS-Based Automatic Vehicle Tracking for Bus Transit**
Mr. Robert Bain, Steer Davies Gleave
 11:30 **International System #1: Transmilenio, Bogotá**
Graduate Students Germán Lleras, Pilar Rodríguez, Arturo Ardila
 12:30 Lunch
 1:30 **Tren Urbano Testing, Installation and Start-Up**
Siemens Transit Team
Eng. Laurenz Krause & Dr. Carsten Berendsen
 3:00 **Evaluation - Review of Posters and Feedback**
 8:00 **Closure Dinner** Embassy Suites Hotel

7th UPR-MIT Conference on Tren Urbano
January 11-16, 2000
Conference Speakers Contact List

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January 11-16, 2000
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Tren Urbano UPR – MIT Professional Development Program Group 7 Student Guide



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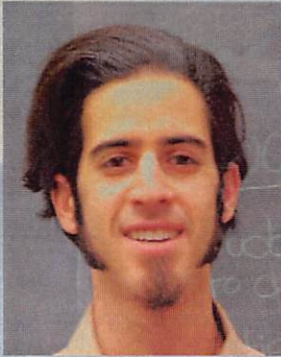


Magaly González
Civil Engineering
Highway & Transportation Authority



Edgardo Marrero
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Tren Urbano UPR – MIT Professional Development Program Group 7 Student Guide



Joshua Switzky
Urban Studies and Planning
MIT



Melanie Tilgner
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Cristina Torres Reyes
Civil Engineering
UPR – Mayagüez

Tren Urbano UPR – MIT Professional Development Program Group 7 Student Guide



Pilar Rodríguez
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Sara L. Rullán Bidot
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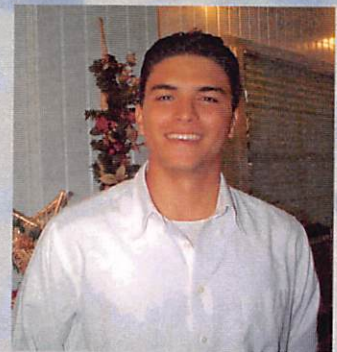
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Mechanical Engineering
UPR - Mayagüez

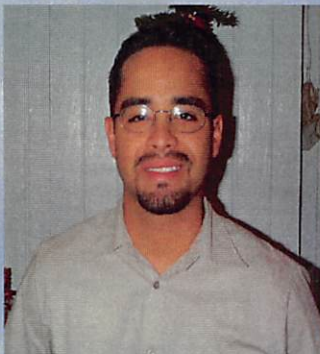
Tren Urbano UPR – MIT Professional Development Program Group 7 Student Guide



Angela Moore
Civil/Environmental Engineering
MIT



Zharadeen Parrilla Rodríguez
Electrical Engineering
UPR - Mayagüez



Yamille A. Morales Matos
Electrical Engineering
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Victoria N. Núñez Sierra
Urban Planning
UPR – Río Piedras



Jodselyn Rivera Martínez
Sociology
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Keyla J. Jiménez Arocho
Architecture
UPR – Río Piedras



German Lleras
Urban Studies and Planning
MIT



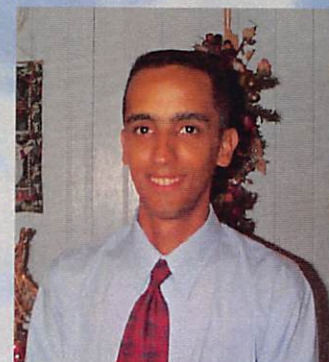
Alex Kavanaugh
Urban Studies and Planning
MIT



Jorge I. López Pérez
Business Administration
UPR - Mayagüez



Ivelysse Lebrón Duran
Mechanical Engineering
UPR - Mayagüez



Francisco E. Martínez Martínez
Civil Engineering
UPR - Mayagüez

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Arturo Ardila
Urban Studies and Planning
MIT



Cordelia (Cordy) Crockett
Civil/Environmental Engineering
MIT



David Barker
Civil/Environmental Engineering
MIT



Daniel Dávila Ramos
Mechanical Engineering,
UPR - Mayagüez



Rose M. Bernier Rodríguez
Urban Planning
UPR – Río Piedras



Celimar Fournier Rodríguez
Civil Engineering
UPR - Mayagüez

Poster Session 1 Thurs., Jan. 11 1:00-2:00 PM	Poster Session 2 Friday, Jan. 12 1:00-2:00 PM	Poster Session 3 Monday, Jan. 15 1:00-2:00 PM	Poster Session 4 Monday, Jan. 15 4:00-5:00 PM
<p>David Barker, MIT, <i>Optimizing the Automated Train Regulation System for Tren Urbano</i></p> <p>Rose Bernier, UPR, <i>Santurce: Reconceptualizando la ciudad con el Tren</i></p> <p>Celimar Fournier, UPR, <i>Evaluation of Strategies to Promote Transit Ridership Among Choice Riders: Application to Tren Urbano</i></p> <p>Yamille Morales & Zharadeen Parrilla, UPR, <i>A GPS System for Internet Publishing of Public Transportation Schedules in Real-Time</i></p> <p>Pilar Rodríguez, MIT, <i>Improving Transit Access from Caguas to Tren Urbano</i></p> <p>Jaime Román, UPR, <i>Feasibility Study of Implementing a Web-Based Information System for Tren Urbano</i></p>	<p>Cordy Crockett, MIT, <i>Analysis of Alternative Service Plans in the Tren Urbano Operations Contract: Maximizing System Benefits Incorporating the Feeder System</i></p> <p>Daniel Dávila & Obed Santos, UPR, <i>Development of Maintenance Procedures for Tren Urbano Vehicles</i></p> <p>Francisco Martínez, UPR, <i>Análisis de Estrategias Contractuales para Mantener un Nivel de Servicio Eficiente en Sistemas de Rieles</i></p> <p>Michael J. Santos, UPR, <i>Tren Urbano Intermodal Route Planner</i></p> <p>Victoria Núñez, UPR, <i>Integración de la Región Metropolitana de Caguas al Tren Urbano</i></p> <p>Melanie Tilgner, Northeastern, <i>Bus Signal Priority and Operational Control in the Viejo San Juan Corridor</i></p>	<p>Keyla Jiménez, UPR, <i>E-Work para la Estación Nuevo Centro</i></p> <p>Ivelysse Lebrón, UPR, <i>Use of Life Cycle Assessment in the Environmental Decision-Making Process for Transportation Infrastructure Projects</i></p> <p>Germán Lleras, MIT, <i>Travel Behavior Panel Before & After Tren Urbano</i></p> <p>Angela Moore, MIT, <i>Tren Urbano Disruption Scenarios and Operations Guidelines for Recovery</i></p> <p>Sara Rullán, UPR, <i>The Application of Total Productive Maintenance to the Storage and Maintenance Facilities of Tren Urbano</i></p> <p>Cristina Torres, UPR, <i>Issues Related to the Implementation of HOT Lanes as Feeders for Tren Urbano Plazas</i></p>	<p>Alex Kavanaugh, MIT, <i>Towards an Intermediary Role for IT in Technology Transfer: Tren Urbano</i></p> <p>Jorge López, UPR, <i>Modelo de Desarrollo Económico para la Estación Jardines de Caparra</i></p> <p>Talía Ramos, UPR, <i>Sistemas de Emergencia y Desalojo en la Estación Subterránea de Río Piedras</i></p> <p>Angel Rodríguez, UPR, <i>Diseño de la Frontera Caribeña Estación del TU para el AILMM</i></p> <p>Joshua Switsky, MIT, <i>From Insular Enclaves to Integrated Transit-Oriented Communities: Design Guidelines and Zoning Controls for Tren Urbano Station Areas</i></p> <p>Jodselyn Rivera, UPR, <i>Potential Impact on Land Use Along the Tren Urbano Alignment</i></p>