

Luis Enrique Ramos-Santiago, Ph.D.

Planner | Architect

Assistant Professor Clemson University

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EDUCATION AND DEGREES:

(2018) Doctor in Philosophy	FLORIDA STATE UNIVERSITY College of Social Sciences and Public Policy Department of Urban and Regional Planning Major: Sustainable Transportation Minor: Spatial Analysis Dissertation: "Multi-scalar Assessment of Built-Environment and Bus Networks Influence on Rapid-Transit Patronage: The Case of Los Angeles Metropolitan Transit System"
(2009) Master of Planning (MPL)	UNIVERSITY OF PUERTO RICO Graduate School of Planning Urban and Regional Planning
(2004) Master of Architecture (M.Arch)	TULANE UNIVERSITY School of Architecture
(1993) Bachelors of Architecture (B.Arch)	TULANE UNIVERSITY School of Architecture, five-year professional degree

RESEARCH GRANTS (2019-2020):

Awarded

1. **FRDP-Faculty Research Development Program (Grant: \$5,000):** *Intentions, Interactions, and Outcomes: a Case Study of Planners, Architects, and Developers of El Monte Renewal Project.*

Proposals in Progress (2020-2021)

1. **RSA – Regional Studies Association, Small Grant Scheme on Pandemics, Cities, Regions & Industry (Grant \$5000):**
The Impact of Covid-19 on Transit Patronage and Operations: A Pre-Post Station-Level Comparative Study of LRT Systems in Spain and the United States; in collaboration with Margarita Novales Ordax, Ph.D., Universidade a Coruña (Spain).

Submitted (2018-2019; not awarded)

1. **C2M2 Center for Connected Multimodal Mobility Tier 1 University Transportation Center (Grant: \$50,000):**
Under What Circumstances are Transportation Network Company Services Used in Tandem with Transit, and How Can We Promote Dual Use of the Modes?
2. **CAF Clemson Architectural Foundation (Grant: \$10,000):** *Mid-20th Century Neighborhood Planning and Design Experimentation in San Juan of Puerto Rico.*
3. **Graham Foundation (Grant: \$38,000):** *A Mosaic of Utopias: Neighborhood Planning and Design Experimentation in Mid-20th San Juan of Puerto Rico.*
4. **CAAH – Richard Pennell Sr. Center for Research in Design and Building (Grant: \$25,000):** *Sustainable Urban Transportation for 21st Century Cities: A Comparison of U.S. and China Streetcar (Tram) Comeback Experiences.*

5. **2019 ORAU Ralph J. Powe Junior Faculty Enhancement Award** (Grant: \$10,000): “Sustainable Urban Transportation for 21st Century Cities: A Comparison of U.S. and China Streetcar (Tram) Comeback Experiences”

MANUSCRIPTS SUBMITTED FOR PEER-REVIEW AND WORKING PAPERS:

Ramos-Santiago, L.E. (submitted 12/30/2019 and under review; *Journal of Public Transportation*). “Does Walkability Around Feeder Bus-Stops Influence Rapid-Transit Boardings? The Case of LA.”

Ramos-Santiago, L.E. (submitted 9/26/2019 and under review; *Case Studies on Transport Policy*). “Towards a Better Account and Understanding of Bus / Rapid-Transit Interactions: The Case of Los Angeles.”

Ramos-Santiago, L.E., Novales, M., and Varela, F. A. (accepted for presentation: ACSP Conference 2020, Toronto, CA; to be submitted for peer-review on July 30, 2020 to *TRR-Transportation Research Record: Journal of the Transportation Research Board*). “An International Comparative Study of The Transit Performance of Small Light-Rail Systems in Spain And the United States.”

Ramos-Santiago, L.E., Derochers, L. (working paper). “An Assessment of Built Environment Effects and Multimodal Connectivity on MARTA’s Heavy-Rail OD Flows.”

Meng, A., Xuewu, C., Ramos-Santiago, L.E. (working paper). “Streetcar Development in 21st Century China: A Reflection on Motivations, Function, and Performance.”

SELECTED PUBLICATIONS (pr =peer reviewed):

Ramos-Santiago, L.E. (2018). *Multi-scalar Assessment of Built-Environment and Bus Networks Influence on Rapid-Transit Patronage: The Case of Los Angeles Metropolitan Transit Network*, PhD dissertation, Florida State University. ProQuest Dissertations and Theses database. ID: 14637 (ProQuest).

Ramos-Santiago, L.E., Brown, J. (2016, June 9th). Streetcars and light rail services serve different rider markets in American cities [Web log post]. London School of Economics – American Politics and Policy; link: <http://bit.ly/1YeQPu7>

Meléndez-Ackerman, E.J.; Nytch, C.J.; Santiago-Acevedo, L.E.; Verdejo-Ortiz, J.C.; Santiago-Bartolomei, R.; Ramos-Santiago, L.E.; Muñoz-Erickson, T.A. (2016). Synthesis of Household Yard Area Dynamics in the City of San Juan Using Multi-Scalar Social-Ecological Perspectives. *Sustainability*; 8, 481 pr <http://dx.doi.org/10.3390/su8050481>

Ramos-Santiago, L.E., Brown, J., Nixon, H. (2016). The Streetcar Resurgence in the U.S.: Transit Strategy, Growth-Machine Tactic, or Some of Both? *Transportation Research Record: Journal of the Transportation Research Board of the National Academies*. DOI: 10.3141/2540-04. pr <http://dx.doi.org/10.3141/2540-04>

Ramos-Santiago, L.E., Brown, J., Nixon, H. (2015). The Transit Performance of Modern-Era Streetcars: A Consideration of Five U.S. Cities. *Transportation Research Record: Journal of the Transportation Research Board*, No. 2534, pp 57-67. DOI 10.3141/2534-08. pr <http://trrjournalonline.trb.org>

Ramos-Santiago, Luis E., et al. (2015). A Cautionary Tale of Two Streetcars: Little Rock’s River Rail and Tampa’s TECO Line., 2015. Full Issue 18(1). *Journal of Public Transportation* 18 (1): pr <http://scholarcommons.usf.edu/jpt/vol18/iss1/9>

Ramos-Santiago, L.E., & Brown, J. (2016). A Comparative Assessment of the Factors Associated with Station-Level Streetcar versus Light Rail Transit Ridership in the United States. *Urban Studies*. April 2016; vol. 53, 5: pp. 915-935., first published on February 27, 2015 DOI: 10.1177/0042098015571057 pr

Brown, J., Nixon, H., & Ramos, L.E. (2015). *The Purpose, Function, and Performance of Streetcar Transit in the Modern U.S. City: A Multiple-Case-Study Investigation* (No. CA-MTI-14-1201); pr <http://transweb.sjsu.edu/project/1201.html>

Ramos-Santiago, L.E., Santiago-Acevedo, L., Villanueva-Cubero, L., Rodriguez-Melendez, Y. (2014). Green Area Loss in San Juan's Inner-ring Suburban Neighborhoods: a Multidisciplinary Approach to Analyzing Green/Gray Area Dynamics, *Ecology & Society*, The Resilience Alliance, ISSN: 1708-3087. **pr**
<http://www.ecologyandsociety.org/vol19/iss2/art4/>

Ramos-Santiago, L. E., Santiago-Acevedo, L., Villanueva-Cubero, L. (2012). Green Area Loss in San Juan's Urban Neighborhoods: Estimation Methods, Environmental Consequences, and Preliminary Identification of Precipitating Factors and Processes. In M. Hompton & M. Heberling (Eds.), *Proceedings of Quantifying Sustainability in Puerto Rico: A Scientific Discussion*, EPA Number: EPA/600/R/12/723(pp. 12-14, Appendix F). San Juan, Puerto Rico (June 5-7, 2012): United States Environmental Protection Agency and Commonwealth of Puerto Rico Environmental Quality Board. [www.http://nepis.epa.gov/Adobe/PDF/P100GN8T.pdf](http://nepis.epa.gov/Adobe/PDF/P100GN8T.pdf)

Ramos-Santiago, L.E. (2011). Planificación e Implementación de Utopías Suburbanas en San Juan de Puerto Rico, *Patrimonio*, Vol. II, pp. 52-61, State Historic Preservation Office, San Juan, Puerto Rico. ISSN: 2157-1880; (website) <http://www.oech.pr.gov/>; (publication) <http://www2.pr.gov/oech/oech/Documents/Revista%20Patrimonio/Patrimonio%20Vol%C3%BAmen%20II.pdf>

Ramos-Santiago, L.E. (2010). Physical Transmutations And Social Disruptions Of The Functional City Paradigm In The Americas – The Case of El Monte Redevelopment, *11th International DOCOMOMO Conference Proceedings-Mexico City 2010 (CD)*, Docomomo International, Barcelona, Spain. <http://www.docomomo.com/shop/node/65>

Ramos-Santiago, L.E. (2009). Towards an urban and sustainable Puerto Nuevo: A green redevelopment of the first suburbs in San Juan of Puerto Rico. M.P. Thesis. University of Puerto Rico, Rio Piedras (Puerto Rico). ProQuest, UMI Dissertations Publishing. Dissertation/thesis number 1478567. <http://search.proquest.com/docview/305041616>

Ramos-Santiago, L.E. (2009). Reconstruyendo Ciudades Deterioradas : El Caso Del Primer Gran Suburbio Puertorriqueño, *Instituto de Arquitectura Tropical (Editorial On-Line)*, Costa Rica, **pr**
<http://www.arquitecturatropical.org/EDITORIAL/INDEX.htm>

Ramos-Santiago, L.E. (2008). Rethinking The City Inside-Out - A Case Study In the Tropics, *Neighbourhood - The International Journal of Neighbourhood Renewal*, Vol. 1, Issue 1. Holden Publishing, Liverpool, U.K. **pr**

SUMMARY OF TEACHING, RESEARCH, LAND-USE PLANNING, URBAN DESIGN, AND ARCHITECTURAL DESIGN WORK :

1. **Assistant Professor:** Clemson University, Department of City Planning and Real Estate Development, Clemson, South Carolina.

Graduate courses taught

- a. CRP-8220 "Urban Design"
- b. CRP-8080 "Land-Use and Comprehensive Planning"
- c. CRP-8130 "Fundamentals of Transportation Planning"
- d. CRP-8890 "Planning for Bicycle and Pedestrian-Friendly Communities" (new course offering)
- e. CRP-8600 "Terminal Project / Thesis" (Major Advisor and co-Advisor)
 - *Un-Realized Potential: A Complete-Street Corridor Analysis and Redesign Recommendation for Sumter Street in Columbia, SC.* Student: Marc Riddlehoover [main supervisor; successfully defended in Spring 2020]
 - *Beyond Main Street: The Role of 'B' Streets in North American Mid-sized Cities.* Student: Glenda Dias [committee member; successfully defended in Spring 2020]
 - *MOR BIKING Downtown and Adjacent Neighborhoods Street Network Assessment for Bicycle Commuting: Morganton, N.C.* Student: Brian Conner [committee member; successfully defended in Spring 2020]
 - *Factors Affecting MARTA Ridership: TOD, Non-Pedestrian Access, or Something Else?* Student: J. Luke Derochers [main supervisor; successfully defended in Spring 2019]
 - *Community Bike Shops as Youth Improvement Programs: Influences on Mobility & Accessibility*

of Youth Participants. Student: Adrienne Warren [main supervisor; successfully defended in Spring 2019]

- *Leveraging 3D Land-Use Models with Direct-Demand Transit Ridership Models for Transit Oriented Development (TOD) Scenario Planning*. Student: Jay Keveany [committee member; successfully defended in Spring 2019]
- f. PDBE-8870 “Readings in City Planning”

Proposed Graduate Courses

- a. “Transportation and Land-Use Interactions” – Theory
 - b. “Urban Utopias / Transportation Utopias” –Theory / Graduate Seminar (syllabus available)
 - c. “Direct Demand Modeling for Transit Planning and Policy Analyses” – Methods (advanced); intermediate GIS and intermediate statistical/regression modeling required (i.e. OLS, NBREG; STATA).
 - d. “Origins, Evolution, and Future[s] of Declining Inner-ring Suburbs” – Theory/ Visioning / Urban Design Studio.
2. **Instructor:** Florida State University, Department of Urban and Regional Planning, Tallahassee, Florida. Designated instructor responsible for course content, literature, lecturing, and grading.

Undergraduate courses

- a. URP4710 “Transportation Issues and Introduction to Urban Transportation Planning”
 - b. URP4022 “Collective Decision-Making in Urban Planning”
3. **Research:**
- a. **Principal Investigator:** *Intentions, Interactions, and Outcomes: a Case Study of Planners, Architects, and Developers of El Monte Renewal Project*. (2019-present)
 - b. **Co-Principal Investigator:** *The Transit Performance of Small Light-Rail Systems in Spin and the United States: An International Comparison*. (2019-present)
 - c. **Researcher/Lead Author:** Mineta Transportation Institute, San Jose, California (<http://transweb.sjsu.edu/index.htm>). Quantitative and qualitative analysis of modern-era streetcar planning, performance, and implementation in U.S. cities. Conference presentations and peer-reviewed publications (2013-2015).
 - d. **Research Assitant:** Florida State University, Department of Urban and Regional Planning, Tallahassee, Florida. Quantitative and qualitative research on transit and transportation policy issues. Conference presentations and peer-reviewed publications (2012-2015).
 - e. **Researcher:** San Juan ULTRA-Exploratory research group (NSF and US Forest Service sponsored Urban Long Term Research Area; <http://sanjuanultra.org/>). Interdisciplinary social-ecological investigations focused on urban and suburban green/gray area dynamics in tropical cities. Researcher, lead author, and collaborator as part of the green areas team (2011-2013, 2016).
4. **Research Mentor / Supervisor:** Undergraduate Research Opportunity Program (UROP) – Center for Undergraduate Research and Academic Engagement, Florida State University; Topic: *Access to Rapid Transit in the U.S. - Statistics and Modal Distribution Analyses*. Students: Alannah Harrington (civil engineering, 2017-2018); Dominique Turnbull (international studies/urban planning, 2016-2017).
5. **Project Architect / Urban Designer:** 4M Design Group LLC, Tallahassee, Florida (USA). Staff architect and project architect: conceptual /preliminary / final design, detailing, construction documents elaboration (plans, technical specifications), engineering consultants coordination (structural, electrical, mechanical, civil, safety), client-builder contract management and construction observations (2016-2017).
6. **Director of Planning and Architecture Departments:** GNA & Associates, San Juan, Puerto Rico. Municipal comprehensive land-use planning, public architecture, and urban design consultancy firm (2010-2012).
7. **Co-founder and President:** “arquitectura | ramos + lozada PSC”, San Juan, Puerto Rico. Public and private

architecture, urban design, and municipal planning consultancy firm (2005-2010).

8. **Project Architect:** Luis Flores – Architects PSC, San Juan, Puerto Rico. Architecture and urban design, permits, staff and construction contract supervision (2000-2005).
9. **Senior Architect:** Alexis O. Fernandez-Vives, AIA, Santurce, Puerto Rico. Historic Rehabilitation and Architecture. Materials and systems research, exterior and interior design, detailing, engineering consultants coordination, and ACAD drafting (1998-2000).
10. **Architect:** Marvel, Flores, Cobian & Assoc. PSC, Santurce, Puerto Rico. Staff architect and project architect: conceptual /preliminary / final design, detailing, construction documents elaboration (plans, technical specifications), engineering consultants coordination (structural, electrical, mechanical, civil, safety), client-builder contract management, and construction observations (1992-1998).

SELECTED COMMITTEE EXPERIENCE / UNIVERSITY SERVICE

1. MCRP Student Admission and Scholarship Committee (2018-2019, 2019-2020)
2. CAAH Faculty and Student Award Committee Member (2018-2019, 2019-2020)
3. MCRP New Faculty Search Committee Member (2018-2019, 2019-2020)
4. Association of Collegiate Schools of Planning (ASCP) 2019 Conference: Round Table Co-Organizer (October 2019)
5. Association of Collegiate Schools of Planning (ACSP) 2019 Conference: Pedestrian/Bicycle Tour Coordinator/Facilitator (2019)
6. CPRED 2yr Chair Evaluation Committee (2018-2019)
7. Member, PDBE Dissertation Committee, Ying Zhao (2018-2020)
8. Member, PDBE Dissertation Committee, Jueminsi Wu (2019-)
9. Member, PDBE Dissertation Committee, Shaobo Li (2020-)
10. Advisor, PDBE Doctoral program, Farnaz Kamyab (2019-2020)

ACADEMIC HONORS AND AWARDS:

1. **Faculty Research Development Program (Grant) 2019-2020 [FRDP]:** *Intentions, Interactions, and Outcomes: a Case Study of Planners, Architects, and Developers of El Monte Renewal Project.*
 2. **Dissertation Research Grant - Top Tier:** Graduate School - Office of the Dean, the Congress of Graduate Students (COGS), the Office of the Provost, and the Office of Research; Florida State University (2016-2017).
 3. **Multi-year Departmental Full-Tuition Scholarship and Graduate Assistantship:** Department of Urban and Regional Planning, Florida State University (2012-2016).
 4. **Academic Merit & Outstanding Performance Scholarship:** Decanato de Estudios Graduados e Investigación (DEGI)/ Dean of Graduate Studies & Research, University of Puerto Rico (2007-2008).
 5. **Oswaldo Ruiz Villarubia Graduate School of Planning Outstanding Student Award 2009:** Sociedad Puertorriqueña de Planificación/ Puerto Rican Planning Society (under recommendation of the faculty of the Graduate School of Planning University of Puerto Rico (November 2009).
 6. **Research & Travel Scholarship, SDG Transport & Urban Planners:** London, U.K.; Decanato de Estudios Graduados e Investigación (DEGI)/ Dean of Graduate Studies & Research, University of Puerto Rico (November 2007).
 7. **Golden Key International Honour Society:** Florida State University (2013).
 8. **Who's Who Among Students In American Universities & Colleges:** Golden Key International Honour Society (1 of 10), University of Puerto Rico (2010).
 9. **CNU Charter Awards 2007 Winner:** Congress for the New Urbanism (CNU). Academic investigation project: "Towards an Urban and Sustainable Puerto Nuevo", Philadelphia (summer 2007).
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<https://www.cnu.org/sites/default/files/Awards2007.pdf>

10. **Travel Scholarship:** Ecocity World Summit 2008, for paper presentation, San Francisco, U.S.A. Decanato de Estudios Graduados e Investigación (DEGI)/ Dean of Graduate Studies & Research, University of Puerto Rico (2008).
11. **Distinguished Youth Award in Urbanism:** United Nations Youth Committee, Puerto Rico Chapter (1998).
12. **First Honors in Architecture:** Newcomb Spring Arts Festival, Tulane University-School of Architecture, Louisiana, USA (1990).

DETAILED ARCHITECTURE AND URBAN DESIGN EXPERIENCE:

- (Jan. 2017- Jan. 2018) **Architect; 4M Design Group: *Fitzgerald Residence – Panama Beach City, Florida (USA)***
- (Jan. 2017- Jan. 2018) **Urban Designer/Architect; 4M Design Group: *Summerfield Residential Development – Tallahassee, Florida (USA)***
- (Jan. 2017-Aug. 2018) **Project Architect; 4M Design Group: *Delta-Zeta Sorority Renovations (FSU), Delta-Sigma Sorority Expansion – Tallahassee, Florida (USA)***
- (2012) **Lead Architect, Alvarez-Ramos Residence Remodeling and Construction documents – Livingston, N.J (USA)**
- (Dec. 2009-2010) **Lead Architect, *Dr. Ramos Residence Improvements – San Juan, Puerto Rico***
- (Jun. 2010- Jan. 2011) **Architect; G Navas & Assoc, Inc. in collaboration with URS Caribe, LLP: *Municipality of Vega Alta Sports Complex – Vega Alta, Puerto Rico***
- (2007) **Project Architect, arquitectura: ramos + lozada, csp: *Eco-cabaña Sosa Pascual – Rio Grande, Puerto Rico***
- (2007) **Senior Staff Architect/ Behar-Ybarra engineers-architects: *Mayagüez 2010 Central-American Games: Baseball Stadium and Track & Field-Soccer Stadium –Puerto Rico***
- (2006) **Project Architect, arquitectura: ramos + lozada, csp: *Hoglund Residence and Apartment Complex – San Juan, Puerto Rico***
- (2005) **Project Architect & Planner, arquitectura: ramos + lozada, csp: *La Vía Community Rehabilitation – Aguadilla, Puerto Rico***
- (2005) **Project Architect, arquitectura: ramos + lozada, csp: *El Monte 739: Interior Remodeling & Rehabilitation of the Ramos-Rodríguez Apartment – Hato Rey, Puerto Rico***
- (2004-2008) **Project Architect & Planner, arquitectura: ramos + lozada, csp: *San Pedrito Agro-EcoTourism Hotel – Adjuntas, Puerto Rico***
- (2002-2003) **Project Architect/Task Manager, Versus Corporation (Art, Architecture and Construction Management): *Guayanilla, Juana Díaz, and Peñuelas Historic Town Centers infrastructure rehabilitation and public space improvements – various towns, Puerto Rico***
- (2000-2002) **Project Architect, Luis Flores Arquitectos, PSC: *Juan J. Osuna Elementary School – Trujillo Alto, Puerto Rico; Bo. Maguayo Middle High School – Dorado, Puerto Rico; Canovanas Vocational High School, Canovanas, Puerto Rico***
- **Project Architect, Luis Flores Arquitectos, PSC: *Dorado East Public Terminal Improvements and Adaptive Rehabilitation – Dorado, Puerto Rico***
- **Project Architect, Arg. Eduardo Molinari & Asociados (EMA): *PFS Caguas Dry & Cold Storage Facilities – Caguas, Puerto Rico***
- **Staff Architect, Arg. Eduardo Molinari & Asociados (EMA):**
 - *Escambrón Beachfront Park Improvements (Phase 1)*
 - *Puerta de Tierra Master Plan / Transportation Study (Planning)*
 - *Hogar Teresa Toda Religious / Academic Complex Expansion (Chapel, Dormitory, and School)*
 - *Guaynabo Toll Plaza*
 - *Utua Vocational High School*
 - *Refrigerama New Offices and Storage Facilities*
 - *Clínica Las Américas (CLA) Multilevel Parking Structure*

- Staff Architect, Arq. Alexis Fernández Vives, AIA: *Ochoa Building Historical Rehabilitation, Expansion, and General Improvements – Old San Juan, Puerto Rico*
- Project Architect, Marvel, Flores, Cobián & Associates: *Elderly Daycare Center – Santa Isabel, Puerto Rico*
- Project Architect, Marvel, Flores, Cobián & Associates: *Playita Cortada Community & Recreational Center – Santa Isabel, Puerto Rico*

DETAILED URBAN & REGIONAL (MUNICIPAL) PLANNING EXPERIENCE:

- (2010–2012) Director and Planner, G Navas & Assoc., Inc. 1) *Revisión Integral del Plan de Ordenación Territorial de la Isla-Municipio de Vieques (Comprehensive Land-use Plan)*; 2) *Plan de Área para Desarrollos Turísticos Sostenibles*; 3) *Solicitud de Cambios en Calificación (Zonificación) y Clasificación de Predio Publico y Definición de Parámetros de Desarrollo Para Instalaciones Turísticas Sostenibles, Municipio Autónomo de Vieques*. Client- Municipality of Vieques, Puerto Rico
- (Nov. 2007–Nov. 2008) Urban Planning Consultant, arquitectura: ramos + lozada, csp: *Desarrollo del Plan de Ensanche #2*. Client- Municipality of Mayagüez, Puerto Rico
- (2005–2006) Staff Planner, Sky Planning Corporation. Client- Municipality of Lares, Puerto Rico
- (2004–2005) Staff Planner and Architecture Consultant, Sky Planning Corporation. Client- Housing Department – Municipality of San Juan, Puerto Rico
- (2004–2005) Staff Planner and General Coordinator, Sky Planning Corporation: *Plan de Ordenación Territorial (Comprehensive Land-use Plan)*. Client- Municipality of Adjuntas, Puerto Rico
- (2002–2005) Staff Planner and Coordinator, Primary Consulting Group. *Plan de Ordenación Territorial (Comprehensive Land-use Plan)*. Client- Municipality of Mayagüez, Puerto Rico
- Staff Planner, CEPI (Consulta Económica y Planificación Integral): *Planes de Ordenación Territorial (Comprehensive Land-use Plans)*. Clients- Municipality of Barranquitas, Municipality of Corozal, and Municipality of Villalba
- Staff Architect, Marvel, Flores, Cobián & Associates: *Plan de Ordenación Territorial (Comprehensive Land-use Plan)*. Client- Municipality of Cabo Rojo. Also *Conceptual Urban Master Plans*. Clients- Municipality of Jayuya and Municipality of Santa Isabel, Puerto Rico

CONTINUED PROFESSIONAL EDUCATION:

- “Introduction to LEED and Professional Accreditation – Level 100”
USGBC Caribbean Chapter, October 2009.
- “The International Building Code – 2006 Seminar”
AIA Continuing Education Program, October 2008.
- “Ecocity World Summit 2008”
San Francisco, California (USA)
- “CNU Transport Summit 2007 – London”
Congress for the New Urbanism & The Prince’s Foundation for the Built Environment.
- “Casos inesperados: riesgo profesional” (*Design professional risks seminar*)
CAAPPR, 28th architect’s convention 2006
- “Fundamentos del Diseño Sustentable” (*Sustainable Design Principles*)
CAAPPR, 28th architect’s convention 2006
- “Innovative Transport Solutions for Urban projects”
CIAPR, Colegio de Ingenieros y Agrimensores de Puerto Rico, Jun. 2006
- “Urban Tree Planting Design and Technical requirements...”
AAPR, Asociación de Arbolistas Profesionales de Puerto Rico, Feb. 2005
- “Design/Build for Architects”
AIA Chapter of Puerto Rico, 2005
- “Arqueología para Arquitectos e Ingenieros” (*Archaeology for Architects and Engineers*)
OECH, Oficina Estatal de Conservación Histórica: Evaluación proyectos según la sección #106 federal, 2005
- “XI Congreso Iberoamericano de Urbanismo”

CIU 2004, Puerto Rico

- **“Desarrollos Extensos y Consultas de Ubicación”** (*Large Scale Developments Permit Process*)
Colegio de Arquitectos y Arquitectos Paisajistas de Puerto Rico, 2003
- **“Foro Sobre Revitalización de los Centros Urbanos”** (*Seminar on Traditional Town Center Redevelopment*)
Estado Libre Asociado de Puerto Rico, Departamento de Transportación y Obras Públicas, 2002
- **“Fundamentos de Gerencia de Proyectos para Arquitectos”** (*Project Management for Architects*)
Colegio de Arquitectos y Arquitectos Paisajistas de Puerto Rico, 2001
- **“Design for Living Rivers”** (*Environmental Hydrology*)
Colegio de Arquitectos y Arquitectos Paisajistas de Puerto Rico, 2001
- **“Conservación de Edificios Modernos”** (*Modern Buildings Maintenance*)
Colegio de Arquitectos y Arquitectos Paisajistas de Puerto Rico, 2001
- **“Taller de Eco-Diseño y Eco-Alojamientos”** (*Eco-Design and Eco-Lodge Design Seminar*)
Universidad Metropolitana, Escuela de Asuntos Ambientales, 2000.
- **“Ley de Propiedad Horizontal y su Relación a la Arquitectura”** (*Condominium Law and its relationship to Architecture*)
Colegio de Arquitectos y Arquitectos Paisajistas de Puerto Rico, 2000
- **“Introducción a las Finanzas de la Empresa de Diseño y Mantenimiento”** (*Introduction to Design Business Finances*)
Colegio de Arquitectos y Arquitectos Paisajistas de Puerto Rico, 2000
- **“Diseño Estructural Básico para Arquitectos”** (*Basic Structural Design for Architects*)
Colegio de Arquitectos y Arquitectos Paisajistas de Puerto Rico, 1999

RELEVANT SKILLS:

1. Statistics: STATA v13.1
2. Geographic Information Systems/Computer Aided Design: GIS (ArcMAP 10.3), AutoCAD (v12)
3. Transportation planning and spatial analysis software (basic level): CUBE 12.0, TransCAD
4. General manuscript, database spreadsheets, graphics, and editing applications: MS Office.
5. Human Subjects Research - Training Certificate (FSU 2012; Clemson CITI program 2018)
6. Urban - Architectural Design and Research
7. Comprehensive municipal land-use planning
8. Fluent in Spanish, English, and working knowledge in Italian

PROFESSIONAL LICENCES [non-active] (active) AND MEMBERSHIPS:

Professional Planner, Puerto Rico [lic.00804]	South Carolina - American Planning Association (SCAPA)
Professional Architect, Puerto Rico [lic.14533]	American Collegiate Schools of Planning (ACSP)
	American Planning Association (APA)
	Congress for the New Urbanism [CNU-Accredited]
	Society for Urban Ecology (SURE)
	RSA-Regional Studies Association (Early Career Member)
	<i>Sociedad Puertorriqueña de Planificación</i> [SPP]
	<i>Colegio de Arquitectos y Arquitectos Paisajistas</i> [CAAPR]

OTHER INTERESTS:

Utilitarian urban bicyclist (model: PUBLIC *Mixte* internal 8-gear); Sailing (Windsurf, Lido 14, Laser, Soling 21, Hobby Cat); Vintage poster art (Puerto Rican masters' silkscreen collection); Manuscript Reviewer