

Luis Enrique Ramos-Santiago, Ph.D.

City & Regional Planning | Sustainable Transportation | Urban Design
Architecture

Assistant Professor at Clemson University

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EDUCATION AND DEGREES:

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|--|---|
| (2018) Doctor in Philosophy | FLORIDA STATE UNIVERSITY, Tallahassee, FL (USA) 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 | UNIVERSITY OF PUERTO RICO, San Juan, P.R. Graduate School of Planning Urban and Regional Planning |
| (2004) Master of Architecture | TULANE UNIVERSITY, New Orleans, LA (USA) School of Architecture |
| (1993) Bachelor of Architecture | TULANE UNIVERSITY, New Orleans, LA (USA) School of Architecture, five-year professional degree |

INTERNAL RESEARCH GRANTS:

Awarded (College-level competitive grants)

1. **CAAH FRDP-Faculty Research Development Program – 2022-2023 (Grant: \$5,000):** *Eleonor Roosevelt Town: An Investigation of a New Deal Town in the Tropics.*
2. **CAAH FRDP-Faculty Research Development Program – 2019-2021 (Grant: \$5,000):** *Intentions, Interactions, and Outcomes: a Case Study of Planners, Architects, and Developers of El Monte Renewal Project.*

EXTERNAL RESEARCH GRANT PROPOSALS:

Submitted and In-Progress: (2021-2023)

1. **"The Impact of Rail-to-Trails Projects on Adjacent Low-Income Communities Active Travel and Health Indicators", [In-progress].** In collaboration with Dr. Natan Teklemariam and Dr. Lori Dickes from Clemson Department of Policy Science; potential grantor is *Mineta Transportation Institute* (MTI, California); funding MTI: ~\$30,000
2. **RSA – Regional Studies Association, Early Career [Submitted: not awarded \$12,500]**
In collaboration with Dr. Margarita Novales and Dr. Francisco Varela, from Universidade da Coruña; *The Impact of Covid-19 on LRT Transit Patronage and Operations: A Pre-Post Station-Level Comparative Study of Systems in Spain and the United States.*

EXTERNAL SCHOLARSHIPS:

1. 'Diversity Scholarship' – TREC Institute (Transportation Research and Education Center) at Portland State University: \$1,100. For '2022 IBPI Comprehensive Bikeway Design Workshop in Portland (OR)'.

CAAC INTER-DEPARTMENTAL COLLABORATIONS:

1. *Safe Routes to School: Pilot Study for A.J. Whittenberg Elementary School in Greenville, SC.* Research collaborator with Dr. Lindsey Deaton (PI; SoA), Zahra Ghazanfari (PDBE student; LA), and Sophia Brennan (MCRP alumni).

RECENTLY PUBLISHED MANUSCRIPTS AND WORKING PAPERS:

Ramos-Santiago, L.E., Shemirani, M., Morris, P., Rodriguez, Y. (**UNDER REVIEW**; submitted-TRR 08/2023) "Operationalizing and Assessing Accessibility to Opportunities by Foot in Four New Deal Villages"

Ramos-Santiago, L.E., (**PUBLISHED** 03/2023) "Enhancing Station-Level Direct-Demand Models with Multi-Scalar Accessibility Indicators", *Transportation Research: Interdisciplinary Perspectives*.
<https://doi.org/10.1016/j.trip.2023.100834>

Ramos-Santiago, L.E. (**PUBLISHED** 01/01/2022). "Does Walkability Around Feeder Bus-Stops Influence Rapid-Transit Boardings?", *Journal of Public Transportation*. <https://doi.org/10.1016/j.jpubtr.2022.100026>

Ramos-Santiago, L.E., Novales, M., and Varela-García, F. A. (**PUBLISHED**; 04/09/2022). "Identifying and Understanding Determinants of Regional Differences in Light-Rail Patronage and Performance." *Case Studies on Transport Policy*. <https://doi.org/10.1016/j.cstp.2022.04.005>

Ramos-Santiago, L.E. (**PUBLISHED** 09/2021). "Towards a Better Account and Understanding of Bus / Rapid-Transit Interactions: The Case of Los Angeles". *Case Studies on Transport Policy*.
<https://www.sciencedirect.com/science/article/pii/S2213624X21000985>

Working Papers:

Ramos-Santiago, L.E., Rodriguez, Y.N., Morris, P., Quaye, I. "Syncretism and Transmutations of the Garden City Model in the Americas: The Case of an Overlooked New Deal Village in the Tropic"; (**Working paper**; town planning and urban design fields, Oct/2023).

Ramos-Santiago L. E., Derochers, L. "Examining Local and Nodal Accessibility Impacts on MARTA's O-D Passenger Flows"; to be submitted to a Q1 peer-review journal (**Working paper**; transportation and land-use planning, transit forecasting); Fall 2024

Kamyab, F., Ramos-Santiago, L.E. "A Social-Ecological Systems Inquiry for Understanding Environmental Change in Los Angeles Outer-Ring Suburbs"; (**Working paper**; city planning and environmental conservation-management, Jan/2024)

Ramos-Santiago, L.E., Rodriguez, Y.N., "20th Century Federal Housing Acts Footprints San Juan of Puerto Rico: Typological-Morphological Experimentations and Community Dislocations"; to be submitted to a peer-review journal (**Working paper**; city planning – planning history – urban and architectural design fields); Jun/2024.

OTHER SELECTED PEER-REVIEWED 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.; Nytych, 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**

CONFERENCES AND ACCEPTED ABSTRACTS (pr =peer reviewed abstracts and papers):

Recent Conference Abstracts Accepted (2023):

Ramos-Santiago, L.E. (**ACCEPTED CONFERENCE ABSTRACT AND PAPER 5/2023**; *ACSP Annual Conference, Miami Chicago, U.S.A.*). “Lessons and Insights from an Overlooked New Deal Village in the Tropics”; **pr**

Past and Future Conference Presentations:

| | <u>Organization/City</u> | <u>Title</u> | <u>Year</u> | <u>Role</u> |
|---|--|--|-------------|-----------------|
| * | Association of Collegiate Schools of Planning - ACSP'23, Chicago, USA. | “Lessons and Insights from an Overlooked New Deal Village in the Tropics”; pr | 2023 | paper:(lectern) |
| 1 | Transportation Research Board of the National Academies of Sciences, Engineering, and Medicine- TRB'23, Washington D.C., USA. | “The Independent and Combined Influence of Metropolitan- and Local- Accessibility on Rapid-Transit Station Boardings”; pr | 2023 | paper:(lectern) |
| 2 | Association of Collegiate Schools of Planning - ACSP'22, Toronto, Canada. | <i>The Independent and Combined Influence of Metropolitan- and Local- Accessibility on Rapid-Transit Station Boardings</i> ; pr | 2022 | paper:(lectern) |
| 3 | American Association of Geographers - AAG'21, Miami, FL (online) | “The Independent and Combined Influence of Metropolitan Accessibility and Local Pedestrian Environment on Station Boardings” | 2021 | paper:(lectern) |
| 4 | Transportation Research Board of the National Academies of Sciences, Engineering, and Medicine- TRB'20, Washington D.C., USA. | “Does Walkability Around Feeder Bus-Stops influence Rapid-Transit Station Boardings?”; pr | 2020 | paper:(poster) |
| 5 | Transportation Research Board of the National Academies of Sciences, Engineering, and Medicine- TRB'19, Washington D.C., USA. | “An Examination of Bus Networks Influence on Rapid-Transit patronage in the U.S.”; pr | 2019 | paper:(poster) |
| 6 | Center for Connected Multimodal Mobility- C2P2: 6th Annual University Transportation Centers Conference for the Southeastern Region'18 – Clemson, S.C., USA. | “Towards a Better Account and Understanding of Bus / Rapid-Transit Interactions: The Case of Los Angeles” | 2018 | paper:(lectern) |

DOCTORAL COMMITTEE EXPERIENCE

1. Chair, PDBE Doctoral Dissertation Committee, Farnaz Kamyab (2019- Present; **expected defense 11/2023**)

- a. Title: “A Social-Ecological Systems Inquiry for Understanding Environmental Change in Los Angeles Outer-Ring Suburbs”
- b. Committee Members: Dr. Luis Enrique Ramos-Santiago (*city planning*), Dr. Mary Padua (*landscape architecture*), Dr. Colin Gallagher (*statistics*), and Dr. Robert Baldwin (*ecology; landscape ecology*).
2. Member, PDBE Doctoral Dissertation Committee, Ying Zhao (2018-2020)
3. Member, PDBE Doctoral Dissertation Committee, Jueminsi Wu (2019- 2022)
4. Member, PDBE Doctoral Dissertation Committee, Shaobo Li (2020-2021)
5. Member, PDBE Doctoral Advisory Committee, Rieta Drinkwine (2021- 2023)

SUMMARY OF TEACHING, RESEARCH, PLANNING, AND DESIGN WORK :

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

Graduate courses taught

- a. CRP-8070/8071 “Professional Planning Studio + Lab”
- b. CRP-8020 “Site Planning” (now “Placemaking”)
- c. CRP-8220 “Urban Design” (for planners; emphasis on Form-Based Codes)
- d. CRP-8080 “Land-Use and Comprehensive Planning”
- e. CRP-8130 “Fundamentals of Transportation Planning”
- f. CRP-8890 “Planning for Bicycle and Pedestrian-Friendly Communities” (new course offering)
- g. CRP-8600 “Terminal Project / Thesis” (Major Advisor and Co-Advisor)
 - *Examining Pedestrian Accessibility to Opportunities in New Deal Villages*, Student: Maral Shemirani [main supervisor; successfully defended Spring 2023]
 - *From Strip-Mall to Multi-Functional Boulevard: Revisioning Asheville Highway as A Gateway to the City of Spartanburg*, Student: Jason R. Frady [main supervisor; successfully defended Spring 2023]
 - *Safe Routes to School: Pilot Study for A.J. Whittenberg Elementary School in Greenville, SC* Student: Sophia Brennan [main supervisor; successfully defended Spring 2022]
 - *Sprawl, Automobile Dependence and Plausible Solutions for Suva, Fiji*. Student: Vosawale Lesuma [main supervisor; successfully defended in Spring 2021]
 - *Identifying Obstacles & Presenting Solutions to Make a Downtown Area Easily Accessible for the Blind & Visually Impaired*. Student: Julee Ann Martin [main supervisor; successfully defended in Spring 2021]
 - *Worth the Gamble? A Light Rail Transit Feasibility Study of Reno, Nevada*. Student: Max Plankey [committee member; successfully defended in Spring 2021]
 - *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]

- h. PDBE-8870 “Readings in City Planning”; “Social-Ecological Systems” (doctoral level courses)

Proposed Graduate Courses

- a. “Transportation and Land-Use Interactions” – Theory / Studio
 - b. “Urban Utopias : Transportation Utopias” –Theory / Graduate Seminar (syllabus available)
 - c. “Direct Demand Modeling for Transit and TOD Scenario Planning” – Methods (advanced); intermediate GIS and intermediate statistical/regression modeling required (i.e. OLS, NBREG; STATA).
 - d. “Origins, Evolution, and Future[s] of Declining Inner- and Outer-ring Suburbs” – Theory/ Visioning / Urban Planning and 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. **Principal Investigator:** An Investigation of a New Deal Village in the Tropics: Eleanor Roosevelt. (2022-present)
 - c. **Co-Principal Investigator:** *The Transit Performance of Small Light-Rail Systems in Spain and the United States: An International Comparison.* (2019-present)
 - d. **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).
 - e. **Research Assistant:** 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).
 - f. **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).

CLASS AND STUDENT ENGAGEMENT WITH LOCAL COMMUNITIES:

- CRP-8890 ‘Planning for Bicycle- and Pedestrian-Friendly Communities’. In this class all homework, field exercises, and final semester projects are conducted for local communities (e.g., Clemson, Greenville, and Spartanburg), in real-life places. Local experts and active transportation advocates and leaders are invited as guest lecturer on a variety of topics, including advocacy; planning and design of bicycle networks; and some of our guests are alumni from our regional and city planning program now working on real life projects.
- CRP-8220 ‘Place Making for the Built Environment’. Field trips are organized to 1 or 2 developments per semester in the Upstate region where students engage with developers and designers on a one-to-one basis. For the final semester project students are asked to select a site, ideally in nearby local communities, where they have identified a relevant issue or needs. Typically students work on small villages or towns near the Clemson University area, or in nearby cities such as Seneca, Greenville, or Spartanburg.

SELECTED COMMITTEE EXPERIENCE / UNIVERSITY SERVICE / OTHER

1. University Global Engagement Advisory Committee (2023-)
2. University Parking Policy Committee (2023-)
3. MCRP Student Admission and Scholarship Committee (2018-2019, 2019-2020, 2020-2021, 2021-2022, 2023 -)
4. MCRP Curriculum Committee Member (2021-2022, 2023-)
5. CAAH Faculty and Student Award Committee Member (2018-2019, 2019-2020, 2020-2021 ,2021-2022)
6. MCRP New Faculty Search Committee Member (2018-2019, 2019-2020)
7. Association of Collegiate Schools of Planning (ASCP) 2019 Conference: Round Table Co-Organizer (October 2019)
8. Association of Collegiate Schools of Planning (ACSP) 2019 Conference: “Pedestrian/Bicycle Tour Coordinator/Facilitator”
9. Association of Collegiate Schools of Planning (ACSP) 2021 Conference: Facilitator “Transportation & Infrastructure Track”
10. CPRED 2yr Chair Evaluation Committee (2018-2019)

ACADEMIC HONORS AND AWARDS:

1. **Faculty Research Development Program (Grant) 2022-** [CAAH-FRDP]: *Eleonor Roosevelt Town: An Investigation of a New Deal Project in the Tropics.*
 2. **Faculty Research Development Program (Grant) 2019-** [CAAH-FRDP]: *Intentions, Interactions, and Outcomes: a Case Study of Planners, Architects, and Developers of El Monte Renewal Project.*
 3. **Dissertation Research Grant - Top Tier:** Graduate School - Office of the Dean, the Congress of Graduate
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- Students (COGS), the Office of the Provost, and the Office of Research; Florida State University (2016-2017).
4. **Multi-year Departmental Full-Tuition Scholarship and Graduate Assistantship:** Department of Urban and Regional Planning, Florida State University (2012-2016).
 5. **Academic Merit & Outstanding Performance Scholarship:** Decanato de Estudios Graduados e Investigación (DEGI)/ Dean of Graduate Studies & Research, University of Puerto Rico (2007-2008).
 6. **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).
 7. **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).
 8. **Golden Key International Honour Society:** Florida State University (2013).
 9. **Who's Who Among Students In American Universities & Colleges:** Golden Key International Honour Society (1 of 10), University of Puerto Rico (2010).
 10. **CNU Charter Awards 2007 Winner:** Congress for the New Urbanism (CNU). Academic investigation project: "Towards an Urban and Sustainable Puerto Nuevo", Philadelphia (summer 2007).
<https://www.cnu.org/sites/default/files/Awards2007.pdf>
 11. **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).
 12. **Distinguished Youth Award in Urbanism:** United Nations Youth Committee, Puerto Rico Chapter (1998).
 13. **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, Arq. Eduardo Molinari & Asociados (EMA): *PFS Caguas Dry & Cold Storage Facilities – Caguas, Puerto Rico*
- Staff Architect, Arq. 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 (Area Plan)*; 3) *Solicitud de Cambios en Calificación y Clasificación de Predio Público y Definición de Parámetros de Desarrollo Para Instalaciones Turísticas Sostenibles (Rezoning Application, Schematic Design, and PPP Tourism Business Plan Report)*, 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:

- **TREC-IBPI “IBPI Workshop: Comprehensive Bikeway Design”; Certificate.**
Portland State University, Portland (OR); September 2022.
- **“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: ArcGIS Pro; (ArcMAP 10.6.1), AutoCAD (v12)

3. Transportation planning and spatial analysis software (basic level): CUBE 12.0, TransCAD, Network Analyst
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 land-use planning (Municipal / County)
8. Bicycle Network Planning and Design
9. Fluent in Spanish, English, and working knowledge in Italian

PROFESSIONAL ENGAGEMENT:

- Director, *Grupo Asesor en Planificación y Arquitectura Urbana* (G.A.P.A.U.); Pro-bono and private consultancy multi-disciplinary group geared to provide professional and consultancy services in regional and city planning, urban design, architecture, and real estate development to municipalities, non-governmental organizations, and communities in the Commonwealth of Puerto Rico. Current clients: ‘Municipality of Cayey’ (public); ‘Cayey-Cultural’ (NGO).

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

Puerto Rico:

Professional Planner, Puerto Rico [lic.00804]

Professional Architect, Puerto Rico [lic.14533]

Sociedad Puertorriqueña de Planificación [SPP]

Colegio de Arquitectos y Arquitectos Paisajistas de Puerto Rico [CAAPPR]

U.S.A. (mainland) and International:

South Carolina - American Planning Association (SCAPA)

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)

American Association of Geographers (AAG), *Transport Geography Group*.

Certificate:

TREC-IBPI “**Comprehensive Bikeway Network Design**”

D.E.I. DIVERSITY, EQUITY, AND INCLUSION INITIATIVES

- Responsible for recruitment of potential graduate students from the island of Puerto Rico who are interested in obtaining a degree in regional and city planning. For this purpose, a dedicated tuition scholarship for Puerto Rican students has been designated in the Regional and City Planning Program at Clemson.
- Research focused on collective transportation systems and transit-dependent users who are mostly from lower-income and underrepresented communities.
- Outreach to municipalities in the Commonwealth of Puerto Rico in pursuit of collaborations with the city planning program. Coordinated and lead a recent 3-day guided visit and brainstorming meetings between the Mayors and city planning staff of the Municipality of Cayey (P.R.) and the City of Greenville (SC), with support and participation of city planning faculty in various events.

OTHER INTERESTS:

Utilitarian urban bicyclist (models: PUBLIC *Mixte* internal 8-gear; REI ADV 2.1 16 gear); Sailing (Windsurf, Lido 14, Laser, Soling 21, Hobby Cat); Vintage poster art collector (Puerto Rican masters’ silkscreen collection); Manuscript Reviewer (transit planning, performance, and transit patronage forecasting; urban planning-design; urban and suburban neighborhood-level social-ecological studies [SES])