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EDUCATION

1999 PhD., City & Regional Planning, Cornell University, Ithaca, NY
1993 MA, Planning, University of PR, Río Piedras, PR
1988 BS, Operations Research Industrial Engineering, Cornell University, Ithaca, NY

PROFESSIONAL APPOINTMENTS

2018- Director, MS Urban Planning Program, University of Central Florida, Orlando, FL
2018- Associate Professor, University of Central Florida, Orlando, FL
2008-2018 Full Professor, University of Puerto Rico, Río Piedras, PR
2010 Visiting Scholar, Colorado State University, Fort Collins, Colorado
2003-2008 Associate Professor, University of Puerto Rico, Río Piedras, PR
2006- 2007 Interim Director, Graduate School of Planning, University of PR, Río Piedras, PR
2000-2003 Assistant Professor, University of Puerto Rico, Río Piedras, PR
2000-2004 Director, Computing Lab Pier Luigi Caldari, Río Piedras, PR
1999-2000 Assistant Research Professor, Center for Urban Policy Research, New Brunswick, NJ
1995, 1999 Teaching Assistant, Cornell University, Ithaca, NY
1999 Instructor, Ithaca College, Ithaca, NY
1995 Visiting Professor, University of Puerto Rico, Río Piedras, PR

PUBLICATIONS

REFEREED JOURNAL ARTICLES

Santiago, L., Flores, D., and Hong, C. (2020). The Impact of Flooding and Hurricane Maria on Community Risk Planning and Management Frames: The Case of San Juan, Puerto Rico. *Urbe* (In Press).

Olivero, S, Meléndez, E., Santiago, L. and Santiago, R. (2020). Attitudes towards Residential Trees and Awareness of Tree Services and Disservices in a Tropical City. *Sustainability* 12: 117.

Santiago, L. and Hong, C. (2019). Regaining tractability through reframing of a watershed management conflict: A case of southwestern Puerto Rico. *River Research Applications*, 2019: 1-8. <https://doi.org/10.1002/rra.3548>

Forero, J., Zimmerman, J., and Santiago, L. (2017). Analysis of the Potential of Small-scale Enterprises of Artisans and Sawyers as Instruments for Sustainable Forest Management in Puerto Rico. *Journal of Sustainable Forestry*. (November, 2017): 1-12. Retrieved from <http://www.tandfonline.com/doi/abs/10.1080/10549811.2017.1406372?tab=permissions&scroll=top>.

Santiago, L., Loomis, J., Ortiz, A. and Torres, A. (2016). Valuing Urban Tropical River Recreation Attributes Using Choice Experiments. *Environment and Natural Resources Research* 6 (2): 128.

Melendez, E., Nytch, C., Santiago, L., Verdejo, J., Santiago, R., Ramos, L., and Muñoz-Erickson, T. (2016). Synthesis of Household Yard Area Dynamics in the City of San Juan Using Multi-Scalar Social-Ecological Perspectives. *Sustainability* 8: 481.

Santiago, L., Gladkikh, T., Betancourt, L., and Vargas, Y. (2015). Green versus Gray: Attitudes toward Vegetation in a Tropical Metropolitan Square. *Environment and Natural Resources Research* 5 (2): 109.

Muñoz-Erickson, T., Lugo, A., Meléndez, E., Santiago, L. et al. (2014). Knowledge to Serve the City: Insights from an Emerging Knowledge-Action Network to Address Vulnerability and Sustainability in San Juan, Puerto Rico. *Cities and the Environment* 7(1): 5.

Meléndez-Ackerman, E. J., R. Santiago-Bartolomei, C. P. Vila-Ruiz, L. E. Santiago, D. García-Montiel, J. C. Verdejo-Ortiz, H. Manrique-Hernández and E. Hernández-Calo. (2014). Socioeconomic drivers of yard sustainable practices in a tropical city. *Ecology and Society* 19 (3): 20.

Santiago, L., Verdejo-Ortiz, J., Santiago-Bartolomei, R., Meléndez, E. and García-Montiel, D. (2014). Uneven Access and Underutilization of Ecological Amenities in Urban Parks of the Río Piedras Watershed. *Ecology and Society*, 19(1):26.

Ramos, L., Villanueva, L., Santiago, L. and Rodríguez, Y. (2014). Green Area Loss in San Juan's Inner-Ring Suburban Neighborhoods: a Multidisciplinary Approach to Analyzing Green/Gray Area Dynamics. *Ecology and Society*, 19(2):4.

García-Montiel, D., Verdejo-Ortiz, J., Santiago-Bartolomei, R., Vilá, C., Santiago, L., Meléndez, E. (2014). Food sources and accessibility and waste disposal patterns across an urban tropical watershed: Implications for the flow of materials and energy. *Ecology and Society* 19(1):37.

Loomis, J. & Santiago, L. (2013). Economic Valuation of Beach Quality Improvements: Comparing Incremental Attribute Values Estimated from Two Stated Preference Valuation Methods. *Coastal Management*, 41:75-86.

Loomis, J. & Santiago, L., and López, Y. (2012). Effects of construction and operation phases on residential property prices of the Caribbean's first modern rail transit system. *Urban Public Economics Review*, 17: 57-78.

Loomis, J. & Santiago, L. (2011). Testing Differences in Estimation of River Recreation Benefits for International and Domestic Tourists as a Function of Single- Versus Multiple-Destination Day Trips. *Journal of Hospitality and Marketing Management*, 20: 143-165.

Santiago, L. & Pantojas, E. (2010). An Empirical Analysis of Employment and Wage Clusters in Puerto Rico: 1979-1999. *Forum Empresarial*, 15(1): 1-23.

Santiago, L. & Loomis, J. (2009). Recreation Benefits of Natural Area Characteristics at the El Yunque National Forest. *Journal of Environmental Planning and Management*, 52(4): 535-547.

Santiago, L. & Loomis, J. (2009). The Relative Economic Value of Tropical Forest Rivers for Social Recreation and Nature Based Recreation. *University of Puerto Rico Social Science Journal*, 20:156-175.

Santiago, L., González-Cabán, A. & Loomis, J. (2008). A Model for Predicting Daily Peak Visitation and Implications for Recreation Management and Water Quality: Evidence from Two Rivers in Puerto Rico. *Environmental Management*, 41(6): 904-914.

BOOKS

Colón, A., Mulero, M., Santiago, L. & Burgos, N. (2008). *Estirando el Peso: Acciones de Ajuste y Relaciones de Género Ante el Cierre de Fábricas en Puerto Rico*. Río Piedras, Puerto Rico: Center for Social Research, University of Puerto Rico.

CONFERENCE PROCEEDINGS

Santiago, L., Torres, A., and Ortiz, A. (2016, June 9-12). Does Knowledge of Environmental Organizations Translate into Pro-Environmental Attitudes and Behaviors? Evidence from an Urbanized Tropical Watershed. Paper presented at The Sixth Asian Conference on Sustainability, Energy and the Environment, Kobe, Japan. Japan: IAFOR (International Academic Forum).

Santiago, L., Torres, A., and Ortiz, A. (2015, November 1-3). Does Greater Environmental Awareness Translate into Higher Valuation of Ecosystem Attributes? Visitor Attitudes in an Urban Tropical Watershed. Paper presented at The Second Asian Conference on the Social Sciences and Sustainability, Fukuoka, Japan. Japan: INTESDA.

Santiago, L., Loomis, J., González-Cabán, A., Hein, C. & Scatena, F. (2008). Sustainable Recreation Use of Two Rivers in Puerto Rico: Does Peak Recreation Visitation Affect Water Quality? *Proceedings of the 2008 International Forum on Sustainable Environmental Development*.

OTHER PUBLICATIONS

Santiago, L. & Liu, L. (2016). East meets West: The role and value of inter-cultural competence in a short-term academic exchange program. *PLERUS*, 25: 195-208.

GRANTS

- 2019-2022 Assessing Post-Storm Recovery Stage of Beach Systems in Puerto Rico after Hurricane Maria and Implications for Coastal Planning Best Practices. US Federal Emergency Management Agency (\$1.5 million).
- 2019-2021 Developing the Infrastructure for a Puerto Rico Wood Product Team (Co-Principal Investigator: Luis Santiago). US Department of Agriculture Forest Service (\$415,000).
- 2017-2019 The impact of public policy on the adjudication of land use in the river basins of the Rio Grande de Manatí and Río Loco (Co-Principal Investigator: Luis Santiago). University of Puerto Rico Institutional Funding for Research, University of Puerto Rico (\$88,000).
- 2014-2015 San Juan Urban Long-Term Research Area (Principal Investigator: Luis Santiago). United States Department of Agriculture, Forest Service, Rocky Mountain Research Station (\$15,000).
- 2014-2019 Human Impacts to Coastal Ecosystems in Puerto Rico (HICE-PR): A remote sensing hydrologic, ecologic and socio-economic assessment with management implications, (Principal Investigator: Maritza Barreto, CO-PI Luis Santiago). National Aeronautics and Space Administration (\$1,412,375).
- 2012-2015 Consultant in research project: Efficacy of Informal Science Education (ISE) Practices to Develop Hispanic Citizen Scientists in the Watershed of the Rio Grande of Manatí, Puerto Rico (Principal Investigator: Yogani Govender). US National Science Foundation (\$574,052).
- 2010-2012 Principal Investigator in research project: A Comparison of Contingent Valuation and Choice Experiment Stated Preference Methods to Quantify Economic Values of Coastal

- Natural Area Attributes. University of Puerto Rico Institutional Funding for Research (Co-Principal Investigator: John Loomis). University of Puerto Rico (\$35,000).
- 2010-2012 Co-Principal Investigator in research project: San Juan ULTRA-Ex (Principal Investigator: Ariel Lugo). US National Science Foundation (\$200,000).
- 2010-2011 Co-Principal Investigator in research project: Risk-Benefit Assessment for Energy-Source-Diversification Policies in Puerto Rico: A Discrete Choice Approach. (Principal Investigator: Juan Marcos González, Co-Principal Investigator: Armando González). Latin American and Caribbean Environmental Economics Program (\$15,000).
- 2010-2011 Co-Principal Investigator in research project: Unemployment and Gender in Puerto Rico (Principal Investigator: Alice Colón). University of Puerto Rico Center for Social Research (approx. \$25,000).
- 2008-2010 Co-Principal Investigator in research project: Resilience thinking in sustainable management of the Río Grande de Arecibo watershed: The use of a spatially explicit framework for understanding responses to perturbations (Principal investigator: Carla Restrepo). University of Puerto Rico (\$140,688).
- 2006-2007 Co-Principal Investigator in academic project: On-line Research Methods Seminar. (Principal Investigator: Heidi Figueroa, with Nitza Hernández and Eliseo Colón). University of Puerto Rico (\$10,000).
- 2005-2007 Principal Investigator in research project: An Economic-Spatial Profile for the Development of a New Economic Strategy for Puerto Rico. (Co-Principal Investigator: Emilio Pantojas García). University of Puerto Rico (\$44,498).
- 2004-2005 Co-Principal Investigator in research project: An Economic-Spatial Profile for the Development of a New Economic Strategy for Puerto Rico. (Principal Investigator: Emilio Pantojas García). University of Puerto Rico – Innovative Initiatives for Research (\$28,395).
- 2003-2008 Co-Principal Investigator (Sub-Award): Modeling Complex Interactions of Overlapping River and Road Networks in a Changing Landscape, (Principal Investigator: John Loomis). Inter-disciplinary collaboration among Colorado State University, Utah State University, and the University of Puerto Rico. US National Science Foundation (\$203,683).

INVITED TALKS

- 2019 When Smart Meets Sustainable: Technology and the Pursuit of a Green, Just City (Santiago, L., Speaker) October 9, 2019. International Seminar on Smart and Sustainable Cities. Pontifical Catholic University of Parana. Curitiba, Brazil.
- 2019 Post-Hurricane Natural Infrastructure Assessment to Plan for the Sustainable Recovery of Puerto Rico's Coastal Communities. (Santiago, L., Speaker) September 19, 2019. School of Earth and Environment Colloquium. Rowan University, Glassboro, New Jersey.
- 2019 Hurricane reshaping of coastal island regions: an assessment of ecosystem service information needs for community resilience. (Santiago, L., Speaker) May 18, 2019. Smart Cities Conference. Feng-Chia University, Taichung, Taiwan.

- 2018 Coastal Ecosystem Indicators to Plan for Sustainable Community Recovery Efforts in an Era of Climate Change. (Santiago, L., Plenary Speaker) December 22, 2018. The Third International Conference on the Humanities, Social Sciences and Sustainability. The Matsui Garden Hotel, Hiroshima, Japan.
- 2018 Coastal Indicators to Plan for the Sustainable Recovery of Puerto Rico after Hurricane Maria (Santiago, L., Barreto, M. and Montañez, A.) September 13, 2018. Regional Science, Planning, and Policy Analysis Seminar Series, Sibley Hall 115, Cornell University, Ithaca, New York.
- 2017 Recreation Preferences and Value Orientations in the Rio Grande de Manatí Watershed. (Santiago, L.). September 14, 2017. NCN C-236, University of Puerto Rico, Rio Piedras, Puerto Rico.
- 2017 “Sustainable” Development Initiatives for the Contemporary City: Challenges and Opportunities. (Santiago, L., Plenary Speaker) August 6, 2017. The Asian Conference on Humanities, Social Science and Sustainability. ANA Crowne Plaza Hotel, Hiroshima, Japan.
- 2017 Finding the “Sustainable” in Contemporary Urban Planning Practice. (Santiago, L., Plenary Speaker) August 1st, 2017. The Asian Conference on Urban Planning and Sustainable Cities. The KKR Hotel, Hiroshima, Japan.
- 2016 Looking at a Caribbean Island-City through a Green Sustainable Lens. (Santiago, L.) November 8, 2016. Cramer Hall Room 150, Portland State University, Portland, Oregon.
- 2016 Looking at the City through a Greener, More Sustainable Lens. (Santiago, L., Plenary Speaker) September 1, 2016. The Asian Conference on Urban Planning and Sustainable Cities. The KKR Hotel, Hiroshima, Japan.
- 2016 Associations Between Pro-Environmental Attitudes and Natural Attribute Valuation Among Recreationists in Puerto Rico’s Northern Coastal Region. (Santiago, L.) March 7, 2016. Latin American Forest Association. Auditorium, University of Puerto Rico, Utuado, Puerto Rico.
- 2015 Green vs. Gray: Attitudes and Preferences toward Vegetation in a Metropolitan City Square and Environmental Justice Implications. (Santiago, L.) May 29, 2015. International Institute of Tropical Forestry, US Department of Agriculture, San Juan, Puerto Rico.
- 2015 Costs and Benefits Associated with Monocropping. (Santiago, L.) May 22, 2014. Auditorium, School of Architecture, University City, University of San Carlos, Guatemala City, Guatemala.
- 2015 Green vs. Gray: Attitudes and Preferences toward Vegetation in a Metropolitan City Square. (Santiago, L.) April 21, 2015. Architecture School, Polytechnic University, San Juan, Puerto Rico.
- 2014 Urban and Suburban Green Area Dynamics in San Juan, Puerto Rico. (Santiago, L.) October 15, 2014. Room 418, Feng-Chia University, Taichung, Taiwan.
- 2014 Resident Perception of Green Areas, Bodies of Water and Vulnerability to Flooding in a Tropical City. (Santiago, L.) June 6, 2014. UVIGER, University City, San Carlos University, Guatemala City, Guatemala.
- 2014 Introduction to Environmental Economics & Ecosystem Service Valuation (Santiago, L.) June 2-5, 2014, University of San Carlos, Zacapa, Guatemala.

- 2013 Underutilization of Ecological Amenities in Urban Parks and Private Green Spaces of the Río Piedras Watershed. (Santiago, L.) November 5, 2013. Puerto Rico Professional Planners Society. Cataño Convention Center, Cataño, Puerto Rico
- 2013 Findings Presentation to Joint Commission of the Municipality of San Juan and San Juan ULTRA (Santiago, L., Ramos, L., Villanueva, L., and Rodríguez, Y.) April 24, 2013. Urban Affairs Office, Roosevelt Plaza Building, San Juan, Puerto Rico.
- 2012 Environmental Impacts of Inner-City Decline: the Río Piedras Watershed (with Luis E. Ramos and Luis Villanueva). May 31, 2012. San Juan Ultra Science Meeting, International Institute of Tropical Forestry, US Department of Agriculture, Río Piedras, Puerto Rico.
- 2012 Valuing Green Urban Spaces: Hedonic Price Valuation of Green Urban Spaces in the Río Piedras Watershed (with Julio Verdejo and Raúl Santiago). May 31, 2012. San Juan Ultra Science Meeting, International Institute of Tropical Forestry, US Department of Agriculture, Río Piedras, Puerto Rico.
- 2012 Refurbishment and Management of the Río Piedras Watershed Riverbanks and its Tributaries (Raúl Santiago Masters Thesis, Advisor: Luis Santiago). May 31, 2012. San Juan Ultra Science Meeting, International Institute of Tropical Forestry, US Department of Agriculture, Río Piedras, Puerto Rico.
- 2011 The Role of Social Research in Urban Ecology: An Example from San Juan ULTRA-EX. November 11, 2011. Mater Hall, Universidad de Sagrado Corazón, San Juan, Puerto Rico.
- 2011 Flooding Vulnerability in Urban Watersheds: Flood-Prone Communities in the Río Piedras Basin (with Raúl Santiago and Julio Verdejo). N-AERUS XII Conference: The City at a Human Scale. October 20, 2011. ETSAM, Universidad Politécnica de Madrid, Madrid, Spain.
- 2011 San Juan ULTRA-EX: Percepciones de Residentes sobre Areas Verdes y su Vulnerabilidad a Inundaciones en una ciudad Tropical. October 17, 2011. Aula 1P01, Central Department Building, University of Valencia, Tarongers Campus, Valencia, Spain.
- 2011 San Juan ULTRA-EX: Resident Perceptions of Green Areas and Vulnerability towards Flooding in a Tropical City. October 3, 2011. W. Sibley 208, Cornell University, Ithaca, New York.
- 2010 Is the Bias-Efficiency Estimation Tradeoffs in Double Bounded Dichotomous Choice CVM Less Pronounced Using Visitor Survey Data? (with John Loomis, David Gebben, David Harpman and Luis Villanueva. Selected poster prepared for presentation at the Agricultural and Applied Economics Association's 2010 AAEA, CAES & WAEA Joint Annual Meeting, Denver, Colorado.
- 2008 Recreation Benefits of Natural Area Characteristics at the Caribbean National Forest, July 16, 2008, 22nd Annual Meeting of the Society for Conservation Biology, Chattanooga, Tennessee.
- 2008 Sustainable Recreation Use of Two Rivers in Puerto Rico: Does Peak Recreation Visitation Affect Water Quality? May 22, 2008, 2008 International Forum on Sustainable Environmental Development, Taichung, Taiwan.
- 2007 An Empirical Analysis of Employment and Wage Clusters in Puerto Rico: 1980-2000, April 3, 2007, International Conference on New Concepts and Approaches for Urban and Regional Policy Planning, Leuven, Belgium.

CONFERENCE PARTICIPATION

- 2019 Coastal Community Reconstruction in Compressed Time: Funding Distribution in Puerto Rico's Socially Vulnerable Communities after Hurricane Maria (Santiago, L., Presenter) October 24, 2019. 59th Annual Association of Collegiate Schools of Planning Conference, Hyatt Regency Hotel, Greenville, South Carolina.
- 2019 Roundtable on Homelessness and Planning (Santiago, L., Participant) October 25, 2019. 59th Annual Association of Collegiate Schools of Planning Conference, Hyatt Regency Hotel, Greenville, South Carolina.
- 2019 The Impact of Hurricane Maria on Community Flood Risk Planning and Management Frames: The Case of San Juan, Puerto Rico (Santiago, Flores and Hong, Presenter). October 25, 2019. 2019 Fall Congress of the Korea Planning Association, Seoul, Korea.
- 2019 Physical and Social Vulnerability Indicators to Determine Natural Infrastructure Priorities in Puerto Rico after Hurricane Maria (Barreto, M., Presenter, and Santiago, L.) June 4, 2019. NASPAA Emergency Management Education Conference, San Juan, Puerto Rico.
- 2019 Equity Planning in Compressed Time: The (In)Equitable Distribution of Coastal Natural Infrastructure Funding in Puerto Rico after Hurricane Maria (Santiago, L., Presenter) April 25, 2019. 49th Annual Conference of the Urban Affairs Association, Luskin Conference Center, Los Angeles, California.
- 2019 2019 Administrators Conference and New Chairs School (Santiago, L., Participant), March 13-16, 2019. Association of Collegiate Schools of Planning Administrators Conference, Humphrey School of Public Affairs, University of Minnesota, Minneapolis, Minnesota.
- 2018 The Impact of Hurricane Maria on Community Flood Event Planning and Management Frames: The Case of San Juan, Puerto Rico (Santiago, L., Presenter) October 26, 2018. 58th Annual Association of Collegiate Schools of Planning Conference, Room 105, Buffalo-Niagara Convention Center, Buffalo, New York.
- 2018 Towards a More Equitable Development for Post-Hurricane Maria Puerto Rico (Santiago, L., Roundtable Participant) October 25, 2018. 58th Annual Association of Collegiate Schools of Planning Conference, Room 103, Buffalo-Niagara Convention Center, Buffalo, New York.
- 2018 Urban Informality (Santiago, L., Discussant) October 25, 2018. 58th Annual Association of Collegiate Schools of Planning Conference, Room 107, Buffalo-Niagara Convention Center, Buffalo, New York.
- 2018 Livability Indicators to Inform Coastal Co-management Efforts in the Face of Climate Change (Santiago, L. And Barreto, M.) April 6, 2018. 48th Annual Conference of the Urban Affairs Association, Huron Hall, Sheraton Centre Toronto Hotel, Toronto, Canada.
- 2017 Planning for the Sustainable Recovery of Puerto Rico After Hurricane Maria (Santiago, L.) April 6, 2018. 48th Annual Conference of the Urban Affairs Association, Grand East Ballroom, Sheraton Centre Toronto Hotel, Toronto, Canada.
- Human Impacts to Coastal Ecosystems in Puerto Rico (HICE-PR, NASA Award NNX14AJ23G): A remote sensing, hydrologic, ecologic and socio-economic assessment with management implications (Poster by Barreto, M., Torres, J., Ortiz, J., Santiago, L.,

- Setegn, S., Guild, L., Ramos, C. and Armstrong, R.). May 15-18, 2017. International Ocean Colour Science Meeting 2017, Lisbon, Portugal.
- 2017 Community Non-Governmental Approaches to Achieve Livability and Manage Climate Induced Risk at the Local Level: The Case of the San Juan Watershed (Santiago, L., Flores, D., and Castello, M.) April 19-22, 2017. 47th Annual Conference of the Urban Affairs Association, Greenway Ballroom G, Hyatt Regency Minneapolis Hotel, Minneapolis, Minnesota.
- 2016 Ecosystem Trade-Offs and Conflict: Stakeholder Accounts from an Urban Tropical Watershed (Santiago, L., Torres, A., and Ortiz, A.) November 6, 2016. 56th Annual Association of Collegiate Schools of Planning Conference, Room Parlor C, Hilton Portland Hotel, Portland, Oregon.
- 2016 Does Knowledge of Environmental Organizations Translate into Pro-Environmental Attitudes and Behaviors? Evidence from an Urbanized Tropical Watershed (Santiago, L., Torres, A., and Ortiz, A.) June 9-12, 2016. The Sixth Asian Conference on Sustainability, Energy and the Environment, The Art Center Kobe, Kobe, Japan.
- 2015 Does Greater Environmental Awareness Translate into Higher Valuation of Ecosystem Attributes? Visitor Attitudes in an Urban Tropical Watershed (Santiago, L., Torres, A., and Ortiz, A.) November 1-3, 2015. The Second Asian Conference on the Social Sciences and Sustainability, Hotel Clio Court Hakata, Fukuoka, Japan.
- 2015 Ecosystem Services Provision and Environmental Consciousness at Small-Scale Settings: The Case of the Manatí Watershed, Poster Competition Fourth Place Winners (Torres, A., Ortiz, A. and Santiago, L.) October 27, 2015. US Coral Reef Task Force, Poinsettia Balroom, Hotel El Conquistador, Fajardo, Puerto Rico.
- 2015 Environmental Awareness and Behavior Among Direct Ecosystem Service Users in an Urban Tropical Watershed (Santiago, L., Torres, A., and Ortiz, A.) October 25, 2015. 55th Annual Association of Collegiate Schools of Planning Conference, Room Arboretum 3, Hyatt Regency Houston, Houston, Texas.
- 2015 Regulating Ecosystem Services and Users Connection to Nature: The Case of an Urban Tropical Watershed in Puerto Rico (Torres, A., and Ortiz, A., and Santiago, L.) October 25, 2015. 55th Annual Association of Collegiate Schools of Planning Conference, Room Arboretum 3, Hyatt Regency Houston, Houston, Texas.
- 2014 Green Versus Gray: Attitudes and Preferences Towards Vegetation in a Puerto Rico Metropolitan City Square (Santiago, L., Gladkikh, T., Betancourt, L., and Vargas, Y.) October 30, 2014. 54th Annual Association of Collegiate Schools of Planning Conference, Room Commonwealth B, Loews Philadelphia Hotel, Philadelphia, Pennsylvania.
- 2012 Natural Resource Conservation Based Recreation Patterns in a Densely Populated Watershed in Puerto Rico: The Role of Urban Neighborhood Parks and Green Areas (Santiago, L., Santiago, R., Verdejo, J., Meléndez, E. and García, D.) November 1, 2012. 53rd Annual Association of Collegiate Schools of Planning Conference, Mayflower 1, Hilton Netherlands Plaza Hotel, Cincinnati, Ohio.
- 2012 Green Area Loss in San Juan's Suburban Neighborhoods: A Multidisciplinary Approach to Analyzing Green-Gray Area Dynamics (Ramos, L., Villanueva, L., and Santiago, L.) November 1, 2012. 53rd Annual Association of Collegiate Schools of Planning Conference, Mayflower 1, Hilton Netherlands Plaza Hotel, Cincinnati, Ohio.

- 2012 It's Not that Easy Being Near Green: Obstacles to Accessibility to Urban Green Spaces in the Rio Piedras Watershed in Puerto Rico (Ramos, L., Villanueva, L., and Santiago, L.) November 1, 2012. 53rd Annual Association of Collegiate Schools of Planning Conference, Mayflower 1, Hilton Netherlands Plaza Hotel, Cincinnati, Ohio.
- 2012 Asleep at the Switch and Unsuspecting Victims: Examining Flood Risk Awareness and Adaptive Capacity in an Urban Watershed in Puerto Rico (Santiago, R., Verdejo, J., and Santiago, L.) November 1, 2012. 53rd Annual Association of Collegiate Schools of Planning Conference, Mayflower 1, Hilton Netherlands Plaza Hotel, Cincinnati, Ohio.
- 2012 Testing whether marginal values of tropical beach attributes are stable across CVM and choice experiments designs (Santiago, L., and Loomis, J.) August 9, 2012. Ecological Society of America, E143, Oregon Convention Center, Portland, Oregon.
- 2012 Plant species diversity and abundance in the Río Piedras watershed: Associations with physical and socioeconomic factors (Meléndez-Ackerman, E., Santiago, R., Santiago, L., Vila, C., García-Montiel, D., Lastra, L., Figuerola, C., Verdejo, J., Manrique, H., and Hernández-Calo, E.) August 9, 2012. Ecological Society of America, Exhibit Hall DE, Oregon Convention Center, Portland, Oregon
- 2012 Consumption and waste disposal patterns of households in a tropical urban watershed (García-Montiel, D., Santiago, R., Meléndez-Ackerman, E., and Santiago, L.) August 9, 2012. Ecological Society of America, Exhibit Hall DE, Oregon Convention Center, Portland, Oregon
- 2007 Recreation Visitation in Tropical Forest Rivers: Puerto Rico's Mameyes and Espíritu Santo, March 21, 2007, Hydrology Days, Colorado State University, Fort Collins, Colorado.
- 2006 The Emergence and Growth of Employment and Wage Clusters in Puerto Rico during the Period 1980-2000, July 13, 2006, World Planning Schools Congress, American Collegiate Schools of Planning, Mexico City, Mexico.
- 2005 Regional Diversity and Pockets of Specialization in Puerto Rico: 1980-2000, November 13, 2005, North American Meetings of the Regional Science Association, Renaissance Hotel, Seattle, Washington.
- 2005 The Emergence and Growth of Industrial Clusters in Puerto Rico during the Period 1980-2000, October 28, 2005, American Collegiate Schools of Planning Conference, Kansas City, Missouri.
- 2005 Impact of Plant Closings on Displaced Workers, June 3, 2005, Caribbean Studies Association Annual Conference, Santo Domingo, Dominican Republic.

TEACHING EXPERIENCE (GRADUATE AND UNDERGRADUATE LEVEL)

- 2019-2020 Capstone, Global Cities
- 2018-2019 Introduction to Urban and Regional Planning, Managing Economic Development
- 2008-2017 Environmental Economics
- 2008-2017 Feng Chia University/University of Puerto Rico International Planning Exchange Program
- 2006-2017 Methods of Analysis (Quantitative and Qualitative Methods)
- 2006-2017 Planning Project/Proposal (Master's Thesis Committee Chair for 17 students)
- 2005-2016 Urban Development of Island Nations: The Case of Puerto Rico and Taiwan

- 2015 Statistics Review Seminar for Doctoral Nursing Students, Medical Sciences Campus, University of Puerto Rico
- 2014-2015 Introduction to Environmental Economics & Ecosystem Service Valuation, Guatemala
- 2013 Planning Board Review
- 2012 Ecological Economics for Environmental Science Doctoral Students
- 2005-2009 Economic Systems Analysis (Micro and Macro-Economics)
- 2004-2009 Econometrics
- 2007 Advanced Econometrics
- 2001-2004 Urban Planning and Programming

SERVICE TO PROFESSION

- 2020- Member. The Professional Geographer Editorial Board.
- 2020 Reviewer for Sustainable Cities and Society. Decoding the fuzzy concept of “Smart City” using text analytics. Manuscript Number: SCSI-D-20-00622.
- 2020-2022 Member. Association of Collegiate Schools of Planning Commission on Diversity.
- 2019 Reviewer for URBE. An approach to assess the integration of planning instruments for urban land-use and water supply. Manuscript Number: URBE-2020-0006.
- 2019 Planning Accreditation Board Site Visitor. Portland State University, Portland, Oregon, October 2-4, 2019.
- 2019 Reviewer for the Professional Geographer. Size Does Matter: The Discrepancy between Justice and Equality in the Urban Green Spaces Policy of Beershiba, Israel. Manuscript Number: PG-2019-0065.
- 2019 Expert. Sunshine State Scholars Program, Doubletree Hotel, Orlando, Florida, June 13, 2019.
- 2019 Moderator. Panel: Disaster response and recovery, In pursuit of Puerto Rican Studies Research Summit, Fairwinds Alumni Center, University of Central Florida, Orlando, Florida, April 17, 2019.
- 2019 Moderator. Panel: In search of a sustainability framework to inform Orlando Planners in times of rapid growth and technological change: Bridging the gap between urban planning theory and practice, Public Administration Research Conference, Fairwinds Alumni Center, University of Central Florida, Orlando, Florida, March 1st, 2019.
- 2019 Reviewer for the Journal of Destination Marketing and Management. Structural relations between motivations and site attribute preferences of Florida National Scenic Trail visitors. Manuscript Number: JDMM-2018-194.
- 2019 Reviewer for Forest Policy and Economics. Valuing Recreational Enhancements in the San Patricio Urban Forest of Puerto Rico: A Choice Experiment Approach. Manuscript Number: FORPOL-2019-74.
- 2019 Reviewer for University of Hawai'i Sea Grant College Program. A Comprehensive Approach to Value Waikiki Beach. Hawai'i Sea Grant Competition, Project ID 3356.
- 2019 Reviewer for URBE. Collaborative Governance Towards Cities Sustainability Transition. Manuscript Number: URBE-2019-0046.
- 2019 Reviewer for URBE. Tafilalt in the Mزاب Valley – Algeria, A sustainable Urban Project in Arid Environment. Manuscript Number: URBE-2019-0023.

- 2019 Reviewer for BMC Public Health. Intention, barriers and opportunities to exit from commercial sex work among current female sex workers in Dire Dawa, Ethiopia: Qualitative study. Manuscript Number: PUBH-D-18-03316R1.
- 2018 Reviewer for Environment, Development and Sustainability. An Analysis of Positive Environmental Behaviour in Trinidad and Tobago. Manuscript Number: ENVI-D-18-00411.
- 2018 Track Chair, Annual Conference of the Association of Collegiate Schools of Planning, 2018-2020.
- 2017 Construction of Virtual Learning Environments Certificate (42 hours). Center for Academic Excellence, University of Puerto Rico, Rio Piedras, Puerto Rico, May-June 2017.
- 2017 Review Committee Member. The Seventh Asian Conference on Sustainability, Energy and the Environment, The Art Center Kobe, Kobe, Japan, June 8-11, 2017.
- 2016 Member, Advising Committee on Heritage Rivers, Department of Natural and Environmental Resources. 2016-
- 2016 Conference Session Chair and Discussant. Accessing the Commons: Environmental Justice and Gentrification in Urban Green Space (Santiago, L.) November 3, 2016. 56th Annual Association of Collegiate Schools of Planning Conference, Room Parlor C, Hilton Portland Hotel, Portland, Oregon.
- 2016 Reviewer for the Journal of Environmental Management. Dynamically Linking Economic Models to Ecological Condition for Coastal Zone Management: Application to the Tourism Industry. Manuscript Number: JEMA-D-16-01940.
- 2016 Conference Co-Chair. The Asian Conference on Urban Planning and Sustainable Cities. The KKR Hotel, Hiroshima, Japan, September 1-3, 2016.
- 2016 Abstract Reviewer. The Asian Conference on Urban Planning and Sustainable Cities. The KKR Hotel, Hiroshima, Japan, September 1-3, 2016.
- 2016 Conference Session Chair. Environmental Sustainability & Environmental Management: Freshwater, Oceans and Seas. The Sixth Asian Conference on Sustainability, Energy and the Environment, The Art Center Kobe, Kobe, Japan, June 9-12, 2016.
- 2016 Senior Abstract Reviewer. The Sixth Asian Conference on Sustainability, Energy and the Environment, The Art Center Kobe, Kobe, Japan, June 9-12, 2016.
- 2015 Reviewer for the Journal of Planning Education and Research (JPER). Can 'Cleaned and Greened' Lots Take on the Role of Public Greenspace? Manuscript ID: JPER-2015-107.
- 2015 Reviewer for Ciencia y Conservación, Los árboles como reguladores de temperatura y almacenaje de carbono: estudio preliminar sobre los servicios ecosistémicos y percepción social en el municipio de Chiquimula.
- 2015 Planning Accreditation Board Site Visitor Pool.
- 2015 Abstract Reviewer. The Second Asian Conference on the Social Sciences and Sustainability, Hotel Clio Court Hakata, Fukuoka, Japan, November 1-3, 2015.
- 2015 Externalities of Development in China, Principally PM2.5 (Discussant) October 25, 2015. 55th Annual Association of Collegiate Schools of Planning Conference, Room Cedar, Hyatt Regency Houston, Houston, Texas.

- 2015 Reviewer for Caribbean Naturalist, Human Dynamics and Forest Management: A Baseline Assessment of the Socioeconomic Characteristics of the Region Surrounding El Yunque National Forest.
- 2015 Reviewer for Environmental Monitoring and Assessment, Spatial Assessment of Landscape Ecological Connectivity in Different Urban Gradient, Manuscript Number: EMAS-D-14-02815.
- 2014 Reviewer for Ecology and Society, Lattice-work Corridors for Climate Change: A conceptual Framework for Biodiversity Conservation and Socio-ecological Resilience in a Tropical Elevational Gradient, Manuscript Number: ES-2014-6600.
- 2010-2015 San Juan ULTRA Executive Committee Member.
- 2012 Socio-Ecology Seminar. January to May, 2012. Luis Santiago and Carmen Concepción. Seven meetings with students and faculty from the University of Puerto Rico Graduate School of Planning and the Faculty of Natural Sciences to discuss topics related to the environment from an inter-disciplinary perspective.
- 2012 NSF IGERT 2012 Video and Poster Competition (May 2012). Faculty Judge.
- 2011 Reviewer for Tourism Management, Access to the Beach: Comparing the Economic Values of coastal residents and tourists, Manuscript Number: JTMA-D-11-00184.
- 2011 Reviewer for CENTRO: Journal of the Center for Puerto Rican Studies, Puerto Rico's Forgotten Half: The Skills Employers Demand from Non-college Workers in Puerto Rico.
- 2010 Reviewer for Conservation Biology, Effects of biodiversity, habitat structure, and water quality on recreational use of rivers, Manuscript Number: BIOC-D-10-01097.
- 2010 Reviewer for Forest Policy and Economics, Economic Losses to Iberian Swine Production from Forest Fires, Manuscript Number: FORPOL 836.
- 2009 Reviewer for Journal of Environmental Planning and Management, Assessing the non-timber value of old-growth forests in Sweden, Manuscript Number: MS 1087
- 2008 Reviewer for Caribbean Studies, Visitation Patterns and Perceptions of National Park Users – Case Study of Dominica, West Indies, Manuscript Number: I-196.
- 2008 Reviewer for Environmental Management, Approximating the Distribution of Recreational Visits from On-site Survey Data, Manuscript Number: JEMA-D-08-00681.
- 2008 Reviewer for Economic Development Quarterly, Cluster Regions: A Social Network Perspective, Manuscript Number: EDQ-08-0012
- 2007 Reviewer for Editorial Universidad de Puerto Rico, Listen to What They Say, Expected Publishing Date: 2008

UNIVERSITY SERVICE

- 2020 Member. Search Committee for Director. School of Public Administration. University of Central Florida, Orlando, Florida.
- 2019- Chair. Directors' Council. School of Public Administration. University of Central Florida, Orlando, Florida.
- 2019 Master Thesis Committee Member, David Pérez, University of Puerto Rico, Rio Piedras, Puerto Rico.

- 2019 Master Thesis Committee Member, Thomas Flecha, University of Puerto Rico, Río Piedras, Puerto Rico.
- 2018- Director, Master of Urban and Regional Planning Program, University of Central Florida, Orlando, Florida.
- 2016 Moderator. NASA HICE-Project Brainstorming Session. Graduate School of Planning, University of Puerto Rico, Río Piedras, Puerto Rico, April 16, 2016.
- 2016 Coordinator. Feng Chia University-UPR Graduate School of Planning Exchange Program (Visit from Feng Chia University Group to UPR for participation in the Seminar East meets West: International Development Workshop). Graduate School of Planning, University of Puerto Rico, Río Piedras, Puerto Rico, April 2-8, 2016.
- 2016 Moderator. Development and Extractivism in Comparative Perspective (Dr. Hans-Jürgen Burchardt, Presenter). Graduate School of Planning, University of Puerto Rico, Río Piedras, Puerto Rico, March 29, 2016.
- 2015-2016 Co-Editor, PLERUS. Graduate School of Planning, University of Puerto Rico, Río Piedras, Puerto Rico.
- 2014 Member, Think Tank Committee on Planning for University accreditation Procedures, August-December, 2014
- 2012 San Juan ULTRA Socioecological Research Poster Session. May 2012. Poster Exhibition Area, Main Library, University of Puerto Rico, Río Piedras, Puerto Rico.
- 2012 Planning Project Rubric Implementation. Graduate School of Planning, University of Puerto Rico, Río Piedras, Puerto Rico.
- 2011-2012 Implementation of Pre-Award and Post-Award Financial Tracking System for the UPR Río Piedras Campus: Validation and Training Sessions. DECEP, Plaza Universitaria, University of Puerto Rico, Río Piedras, Puerto Rico, October 31, 2011 to May 3, 2012.
- 2009 Member, Evaluation Committee, Padilla and Asencio Scholarship, University of Puerto Rico, Río Piedras Campus, October 7, 2009.
- 2008 Coordinator of University of Puerto Rico – Feng Chia University Student Exchange Program, University of Puerto Rico, Río Piedras Campus, May 17-24, 2008.
- 2008 Research Participant, Integrating landscape attribute, ecosystem services, and stakeholder perceptions in determining land use suitability for conservation in the periphery of El Yunque national Forest, Institute of Caribbean Studies.
- 2006- External Resources Liaison. University of Puerto Rico, Río Piedras, Puerto Rico.
- 2006- Personnel Committee Member. Graduate School of Planning, University of Puerto Rico, Río Piedras, Puerto Rico.
- 2006-2007 Graduate Studies Merit Fellowship Committee. University of Puerto Rico, Río Piedras, Río Piedras, Puerto Rico.
- 2006-2007 Coordinator of Yale University Student Seminar at the University of Puerto Rico. University of Puerto Rico, Río Piedras, Puerto Rico.
- 2005-2006 Library Committee Member. Graduate School of Planning, University of Puerto Rico, Río Piedras, Puerto Rico.

- 2004-2006 Co-Editor, PLERUS. Graduate School of Planning, University of Puerto Rico, Río Piedras, Puerto Rico.
- 2004-2005 Self-Study Committee Member for Middle States and PAB Accreditation. Graduate School of Planning, University of Puerto Rico, Río Piedras, Puerto Rico.
- 2004-2005 Committee Member for the Review of Certification 72. University of Puerto Rico, Río Piedras, Puerto Rico.
- 2004- Admissions Committee Member. Graduate School of Planning, University of Puerto Rico, Río Piedras, Puerto Rico.

LANGUAGES

English-Spanish bilingual.
French, Good.
Japanese, Beginner.

REFERENCES

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