



CONTACT

PHONE:

[REDACTED]

EMAIL:

[REDACTED]

Wilma L. Santiago Gabrielini

EDUCATION

Ed.D. Universidad Internacional Iberoamericana

México-Puerto Rico (UNINI)

Candidate Education Doctorate

Date of expected completion, May 2025. Specialization

Area: Research Education.

University of Wisconsin-Milwaukee (1992)

Master of Architecture

Thesis Title: Desarrollo, Planificación y Diseño de

Aeropuertos, Thesis Director: Arch. Harry Van Oudanallen.

University of Wisconsin-Milwaukee (1990)

Bachillerato en Arquitectura

ADMINISTRATIVE EXPERIENCE

Vicepresident of Philanthropy, University of Puerto Rico

2020-2022

Director of Institutional Rankings and Global Alliances, University of Puerto Rico

2019-2021

Acting Chancellor, University of Puerto Rico, Mayagüez Campus

2017- 2019

Accomplishments and Supported Initiatives:

- Championed UPRM's Post Hurricane María Recovery Efforts (Leadership, Planning, Preparedness, Response and Recovery).
- Academic Planning and Curriculum Revision.
- Institutional Accreditation.
- Student Success Initiatives.

- Faculty Advancement Initiatives
- Internationalization and Globalization
- Boost Fundraising and Community Engagement Initia
- Development of Research and Entrepreneurship Ecosystem

Acting Chancellor, University of Puerto Rico, Utuado Campus

(2018)

Accomplishments and supported initiatives:

- Academic Planning and Curriculum Revision
- Institutional Accreditations
- Student Success Initiative
- Faculty Advancement Initiatives
- Internationalization and Globalization
- Boost Fundraising and Community Engagement Initiatives
- Development of Research and Entrepreneurship Ecosystem

Dean of Students, University of Puerto Rico, Mayagüez Campus

(2011-2013)

Assistant to the President for Special Tasks University of Puerto Rico, Mayagüez Campus

(2010-2011)

Executive Assistant to the Chancellor University of Puerto Rico, Mayagüez Campus

(2009-2010)

Intramural Practice Director, Chancellor's Office University of Puerto Rico, Mayagüez Campus

(2009-2011)

Dean of Administration, University of Puerto Rico, Mayagüez Campus

(2003-2007)

Director of Institutional Research and Planning Office University of Puerto Rico, Mayagüez Campus

(1999)

Architect, Buildings and Grounds Department University of Puerto Rico, Mayagüez Campus

(1994- 1995)

FACULTY POSITIONS

Professor, Department of Engineering Sciences and Materials,
University of Puerto Rico, Mayagüez Campus (2016-Current)

Associate Professor, Department of Engineering Sciences and Materials
University of Puerto Rico, Mayagüez Campus
(2007-2016)

Auxiliary Professor, Department of Engineering Sciences and Materials
University of Puerto Rico, Mayagüez Campus
(1996-2003)

TEACHING EXPERIENCE UPRM

Department of Engineering Sciences and Materials, Engineering Graphics
(INGE 3011) Department of Civil Engineering, Introduction to Architecture
(INCI 4000)

Department of Civil Engineering Special Problems in Environmental
Engineering (INCI 5996)

Department of Engineering Science and Materials, Undergraduate
Research in Medical Devices (INGE 4998)

R2DEEP Program, Engineering Graphics (INGE 3011)

PROFESIONAL EXPERIENCE

Member, Senator, Junta Universitaria, Governance Board, University of Puerto Rico, (2023-current)

Member, Senator, Academic Senate, Second Term, University of Puerto Rico, Mayagüez Campus (2023-current)

President Student Discipline Board, University of Puerto Rico, Mayagüez Campus (2023-current)

Coordinator, Graphics Committee Department of Engineering Science and Materials, University of Puerto Rico, Mayagüez Campus (2022- current)

Coordinator, Coursers Professional Development Courses, University of Puerto Rico Mayagüez Campus
(2020-current)

Executive Member of Universities Caribbean, The Consortium of Caribbean Universities,
(2020- current)

Member, Middle States Association of Colleges and Schools Commissions on Elementary and Secondary Schools for the St. Croix Career and Technical Education Center, St. Croix, Virgin Island (2011)

Ex Officio Senator, Academic Senate, Second Term, University of Puerto Rico, Mayagüez Campus (2011-2013)

Member, Accreditation Board for the Council on Higher Education of the Commonwealth of Puerto Rico of (SETAI) "Seminario Teológico Adventista Interamericano"
(2010-2011)

Secretary, MUSA Consultant Board, Museum of the University of Puerto Rico, Mayagüez Campus (2009)

Member, MUSA Consultant Board, Museum of the University of Puerto Rico, Mayagüez Campus
(2004-2007)

Ex Officio Senator, Academic Senate, First Term, University of Puerto Rico, Mayagüez Campus (2003-2007)

Member, Board of Directors, Curricular revision, Draftsman and Technical Drawings Program, Instituto de Banca y Comercio, Mayagüez Campus

Member, Communitarian Initiative "Memoria y Conciencia de Mayagüez", Development of Guidelines for Urban and Commercial Areas of Mayagüez, Puerto Rico Campus (2002)

Consultant, Merced, Guerra & Associates, Architecture and Urban Planning for Mayagüez, Puerto Rico (1995-1998)

Consultant, Urban Planning, Municipalities of Aguadilla, Cabo Rojo, Mayagüez, Rincón and San Germán.

PROFESSIONAL DEVELOPMENT ACTIVITIES

PRABIA Puerto Rico Agriculture Biotechnology Industry Association, San Juan, Puerto Rico (2018) *ALASS, Accelerating Latino Success Institute and Excellence in Education*, Washington, D.C. (2018)

HACU, 32nd Annual Conference, Championing Hispanic Higher Education Success, Atlanta, GA. (2018)

SUNY, Inauguration, Dr. Kristine M. Johnson, 13TH Chancellor, State University of New York (2018) *BIFAD, Public Meeting on Resilience Measurement and Analysis*, Washington, D.C. (2018) *MSCHE, Annual Conference*, Philadelphia, PA. (2017)

U.S Congress, Advice and Advocacy in Federal Agencies Related to UPR., Washington, D.C. (2017)

Evidence-based Entrepreneurship and Startup Lab for University Professors, Georgia Institute of Technology, Babson College, BPPR (April 2016)

IV Foro Nacional sobre Educación Empresarial, UPRM Mayagüez, PR (2017)

Estrategias de Mercadeo por Medio de Redes Sociales, Ponce, PR (2016)

Where Leaders of Higher Education and Athletics Connect, NCAA Convention, Indianapolis (2014) *Southern Medical Association (SMA)*, British Healthcare System, London, England, The Royal Yacht Britannia (2014)

WE14 Academic leadership for Women, Academic Women Workshop, SWE Advance, Chicago (2014)

Where Leaders of Higher Education and Athletics Connect, NCAA Convention, Indianapolis (2013) *Where Leaders of Higher Education and Athletics Connect*, NCAA Convention, Texas (2012)

WE11 Academic leadership for Women: Raising the Heights of Innovation Academic, Women Workshop, SWE Advance, Chicago (2011)

US Green Building Council, Annual Conference, San Juan, Puerto Rico (2010)

Transformando el Gobierno Instituto de Política Pública, Sistema Universitario Ana G. Méndez Cupey, Puerto Rico (2009)

US Green Building Council, Annual Conference, San Juan, Puerto Rico (2009)

Peer-Led Team Learning: The Workshop Model, Mayagüez, Puerto Rico (2008)

Fomentando el Intercambio de Ideas para el Desarrollo en Puerto Rico, Instituto de Política Pública, Sistema Universitario Ana G. Méndez, Cupey, Puerto Rico (2008)

Foro: Sistema Tributario de Puerto Rico Fuentes de Recaudos, Instituto de Política Pública, Sistema Universitario Ana G. Méndez, Cupey, Puerto Rico (2008)

Nanotechnology for Almost Everyone, Mayagüez, Puerto Rico (2008)

Foro: Reforma Fiscal de Puerto Rico, Instituto de Política Pública, Sistema Universitario Ana G. Méndez, Cupey, Puerto Rico (2008)

Caribbean Green Building Conference, San Juan, Puerto Rico (2008)

IX Workshop on Academic Management, Mayagüez, Puerto Rico (2008)

US Green Building Council, Annual Conference, San Juan, Puerto Rico (2008)

How the University is Facing the Challenges Brought on by Biotechnology, 9th International Conference on Education and Critical Thinking Biotechnology and Ecology, Ethics and Biotechnology, Ponce, Puerto Rico (2008)

Coaching Skills for Managers and Supervisors, Fred Pryor Seminars, Mayagüez, Puerto Rico (2008)

VIII Workshop on Academic Management, Mayagüez, Puerto Rico (2007)

US Green Building Council, Annual Conference, San Juan, Puerto Rico (2007)

Taking Advantages of Systems to deliver Better Results, by Jonathan Kutchins, Rio Piedras, Puerto Rico (2006)

Orientation on Institutionalizing Assessment in the Administrative Service Units, Mayagüez, Puerto Rico (2006)

VII UPRM Workshop on Academic Management, Mayagüez, Puerto Rico (2006)
Creación del conocimiento Perspectivas y Proyecciones para la Universidad, San Juan Puerto Rico (2006)

VI UPRM Workshop on Academic Management Mayagüez, Puerto Rico (2006)

V UPRM Workshop on Academic Management Mayagüez, Puerto Rico (2005)

Third Annual Conference for Negotiating Contracts with the Federal Government San Juan, Puerto Rico (2005)

IV UPRM Workshop on Academic Management Mayagüez, Puerto Rico (2005)

Environmental Safety Issues at UPRM Mayagüez, Puerto Rico (2005)

Globalization of Emerging Markets in Education, Krishna G. Palepu San Juan, Puerto Rico (2005)

PROFESSIONAL AFFILIATIONS

Alfa Delta Kappa-International Honorary

Organization for Women Educators American Association of Colleges and Universities

Hispanic Association of Colleges and Universities, Hispanic Serving Institutions (HACU-HSI2)

National Association of Colleges Auxiliary Services (NACAS)

National Association of Colleges and University

Business Officers (NACUBO) Society of Corporate Compliance and Ethics (SCCE)

U.S. Green Building Counsel, US Caribbean Chapter (USGBC)

PRESENTATIONS (CONFERENCES, PAPERS)

Integración del Desarrollo Sostenible en la Enseñanza de Gráficas de Ingeniería: Una Perspectiva Educativa y Didáctica, Encuentro Iberoamericano de Mujeres, EIMIAA, Lisboa, Portugal (2024)

Educación a Distancia e Internacionalización en Tiempos de Pandemia: Retos y Oportunidades para las Universidades en Puerto Rico, Conferencia de Virtual Educa (2020)

Regional and Global environmental Strategies: Climate Change and Natural Hazards, Third "One Caribbean Solutions" Symposium, and Second Youth Forum in Schoelcher, Martinique. (2019)

Disaster Preparedness, Vulnerability and Resiliency: The Role of Colleges and Universities, HACU's 13th International Conference, San Juan, Puerto Rico (2019)

Faculty Woman of Color in the Academic National Conference President's Panel, Virginia Tech (2019)

Synchronous Distance Education Hybrid Model of College-Level Credits for High School Student. Paper accepted in Frontiers in Education (FIE) 2016. (2016)

Desarrollo Sostenible y la relación con la preservación del medio ambiente mediante el diseño de estructuras y el uso de la energía renovable, COHEMIS, University of Puerto Rico, Mayagüez Campus (2008)

VIII Encuentro Iberoamericano de Mujeres Arquitectas e Ingenieras, La Habana, Cuba. (2007)

VI Encuentro Iberoamericano de Mujeres Arquitectas e Ingenieras, Santo Domingo, República Dominicana (2009)
Diseño Ecológico como Móvil Reactivador de la Preservación del medio Ambiente" (2003)

EPA Regulations and Compliance for the University of Puerto Rico, Mayagüez Campus (2011)

EPA Regulations and Compliance for the University of Puerto Rico, Mayagüez Campus (2010)

EPA Regulations and Compliance for the University of Puerto Rico, Mayagüez Campus (2009)

VI UPRM Workshop on Academic Management, Mayagüez, Puerto Rico (September 2007)

Un Método de Enseñanza de Destrezas en Comunicación Gráfica. Presentation at EGRAF Congress at the University of Camagüey, Cuba (1996)

UNDERGRADUATE RESEARCH

Carrasquillo, Ricardo; Fernández, Berenice; Rodríguez, Marielly; Vélez, Dalitza; *Wristband with Vibration on Acupoints for Treatment of Sleep Problems*, Department of Engineering Sciences and Materials, University of Puerto Rico, Mayagüez Campus (2018)

Carrasquillo, Ricardo; Fernández, Berenice; Rodríguez, Marielly; Vélez, Dalitza; *Acupressure Glove for non-Invasive Treatment of Insomnia*, Department of Engineering Sciences and Materials, University of Puerto Rico, Mayagüez Campus (2018)

Galarza, Angel; *Tarzan TrackApp: Design and Development of a Track App for the UPRM Transportation Trolley System*, Department of Engineering Sciences and Materials, University of Puerto Rico, Mayagüez Campus (2017)

Rosario, Richard; Robles, Raisamarie; *Design of 3D Printer*; Department of Engineering Sciences and Materials, University of Puerto Rico, Mayagüez Campus (2016)

Villarini, Fabiola; *Design of 3D Pen*; Department of Engineering Sciences and Materials, University of Puerto Rico, Mayagüez Campus (2016)

Cecilia Diaz Candelas; *Effect exogenous bio-regulators on organically managed Tahiti lime (Citrus Latifolia Tanaka) fruit and essential oil productivity and quality*, College of Agricultural Sciences, University of Puerto Rico, Mayagüez Campus (2013)

Andry Cera Manjares; *Use of crosslinked hydrogels for the control of macromolecular crystallization*, Department of Chemical Engineering, University of Puerto Rico, Mayagüez Campus (2012)

Jairo Arturo Ayala Godoy; *Modelos Lineales Generalizados Mixtos con Distribución Binomial Negativa*, College of Arts and Science, University of Puerto Rico, Mayagüez Campus (2011)

Máximo Polanco Portalatin; *Estimation of Volume Delay Functions for Arterials and Freeways of the Western Region of Puerto Rico*, Department of Civil Engineering, University of Puerto Rico, Mayagüez Campus (2011)

Elizabeth Negrón Díaz; *Methodology for the Evaluation of Safety Appurtenances for Bridges on Low Speed Rural Roads*, Department of Civil Engineering, University of Puerto Rico, Mayagüez Campus (2009)

Javier Charón Ramírez; *Diseño de un sistema para el manejo información de proyectos de construcción en la Universidad de PR-RUM* Department of Civil Engineering, University of Puerto Rico, Mayagüez Campus. (2009)

Antonio E. Camerón González; *Application of Regional Moment Tensor (RMT) Inversion Procedures using Regional Seismograms from the Puerto Rico Seismic Network*, Department of Civil Engineering, University of Puerto Rico, Mayagüez Campus (2006)

María I. Fernández González; *Development of the Regional Intelligent Transportation Systems Architecture for the San Juan Metropolitan Area*, Department of Civil Engineering, University of Puerto Rico, Mayagüez Campus (2006)

Héctor A. Monroy; *Simulación Computacional de la Redistribución de Esfuerzos en Placas Elásticas*, Department of Civil Engineering, University of Puerto Rico, Mayagüez Campus (1999)

UNIVERSITY ACTIVITIES

Chair, Board of Directors, Mayagüez Housing Corporation, University of Puerto Rico, Mayagüez Campus (2018-2019)

Acting Chair, Agenda Committee, University of Puerto Rico, Mayagüez Campus (2018-Current)

Member, Golden Key International Honor Society (2018) *Chair, Emergency Management Executive Committee*, University of Puerto Rico, Mayagüez Campus (2017-Current)

Member, Board of Directors, "Liga Atlética Universitaria" (2017-2019)

Member, Board of Directors, VIRIDE Innovations Technologies, Inc. (2017-2019)

Member, Board of Directors, Puerto Rico Technoeconomic Corridor (PRTEC), (2017-2019)

Member, Students Affair Committee, University of Puerto Rico (2017-2019)

Member, Appeals Committee, University of Puerto Rico (2017-2019)

CV-Wilma L. Santiago Gabrielini, M. Arch

Page 10 of 11

Member, Ad-Hoc Committee of Academic and Administrative UPR-Unit Consolidation, University of Puerto Rico (2017-2019)

Member, Ad-Hoc Committee Faculty Placement in Campus/Off Campus, University of Puerto Rico (2017-2019)

Member, Committee of Students Regulations for University of Puerto Rico, Rio Piedras Campus, University of Puerto Rico (2017-2019)

Reviewer, Frontier Education (FIE) Conference, Eire, PA (2016)

Coordinator, Graphics Laboratories Committee, General Engineering Department, University of Puerto Rico, Mayagüez Campus (2015-2017)

Coordinator, Graphics Committee, General Engineering Department, University of Puerto Rico, Mayagüez Campus (2015-2017)

Member, Personnel Grievances and Disputes Committee, University of Puerto Rico, Mayagüez Campus (2011-2013)

Member, Steering Committee, Middle States Commission on Higher Education (MSCHE), University of Puerto Rico, Mayagüez Campus (2010-2011)

Member, Strategic Planning Committee, University of Puerto Rico, Mayagüez Campus (2009-2013)

Member, Personal Committee of General Engineering Department, University of Puerto Rico, Mayagüez Campus (2008-2009)

Member, Personal Committee of Engineering Faculty, University of Puerto Rico, Mayagüez Campus (2008-2009)

Chair, Committee for the Search of the Director of General Engineering Department, University of Puerto Rico, Mayagüez Campus (2008)

Member, Campus Verde Committee, University of Puerto Rico, Mayagüez Campus (2007-2008)

Coordinator, Graphics Laboratories Committee, General Engineering Department, University of Puerto Rico, Mayagüez Campus (2007-2009)

Member, Steering Committee, Middle States Commission on Higher Education (MSCHE), University of Puerto Rico, Mayagüez Campus (2005-2008)

Member, Environmental Institutional Committee, University of Puerto Rico, Mayagüez Campus (2005-2007)

Member, Transit Committee, University of Puerto Rico, Mayagüez Campus (2003-2008)

Member, Strategic Plan Committee, University of Puerto Rico, Mayagüez Campus (2003-2007)

CV-Wilma L. Santiago Gabrielini, M. Arch

Page 11 of 11

Member, Development Committee of General Engineering Department, University of Puerto Rico, Mayagüez Campus (2001-2003)

Coordinator, Graphics Committee, General Engineering Department, University of Puerto Rico, Mayagüez Campus (2001-2003)

Member, Accreditation Board for Engineering and Technology (ABET) Committee, University of Puerto Rico, Mayagüez Campus (2001-2002)

Member, Strategic Plan Committee of School of Engineering, University of Puerto Rico, Mayagüez Campus (1998-1999)

Member, Teaching Methods Committee School of Engineering, University Puerto Rico, Mayagüez Campus (1998-1999)

Member, Agenda Committee Engineering Faculty, University of Puerto Rico, Mayagüez Campus (1998-1999)

Coordinator, Graphics Committee, General Engineering Department, University of Puerto Rico, Mayagüez Campus (1997-1999)

Member, Graphics Committee, General Engineering Department, University of Puerto Rico, Mayagüez Campus (1997-Current)

Member, Teaching Methods Committee School of Engineering, University of Puerto Rico, Mayagüez Campus (1995)

HONORS

P.R. Commonwealth Senate; Héroes Durante la Recuperación de Puerto Rico (2018)

SME del Oeste; Trayectoria Profesional, Mujer Ejecutiva Distinguida (2018)

Woman's Procurement Office; Honrando a la Mujer Trabajadora (2018)

P.R. Commonwealth Senate; Reconocimiento Mujeres Líderes del Oeste (2018)

SERVICE ACTIVITIES

Founder, Community Service Day, University of Puerto Rico, Mayagüez Campus
Participant, Habitat for Humanity, Caribbean Chapter

Volunteer, American Cancer Society, Puerto Rico Chapter

Volunteer, Hurricane María Recovery Efforts for Communities in Puerto Rico (El Maní, El

Quemado, Hogar Regazo de Paz, Hogar Lucero de Amor

Volunteer, Consejo Comunitario de Seguridad del Barrio Quemado,
Mayagüez