

MARIA F. PULIDO-VELOSA

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PROFILE

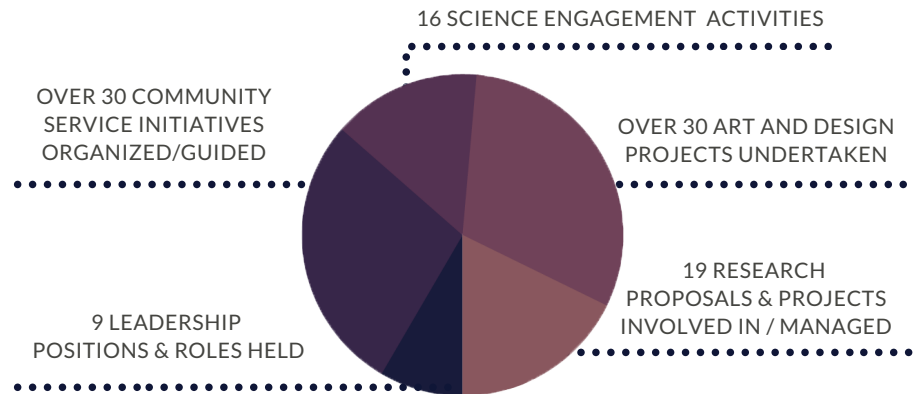
I am an environmental and social scientist, artist, enthusiast for nature, global cultures, use-inspired research, community service and social change. I work at the nexus of science, communications and policy, joining efforts with multidisciplinary teams to develop projects that aim to create solutions to some of today's most pressing environmental issues. Through my work I also aim to advance public engagement in science and sustainability.

EDUCATION

BACHELOR OF SCIENCE, ENVIRONMENTAL STUDIES
BACHELOR OF ARTS, INTERNATIONAL RELATIONS

Florida International University | 2013 - 2017 | GPA: 3.98

SYNERGISTIC ACTIVITIES



POSITIONS HELD & EXPERIENCE

RESEARCH DEVELOPMENT OFFICER JAN 2019 - PRESENT
INSTITUTE OF WATER & ENVIRONMENT - FLORIDA INT'L UNIV.

- Develop interdisciplinary research proposals with research teams and collaborators across the globe. Since January, I have worked with teams of up to 15 investigators to craft and submit 19 proposals, ranging from \$60,000 to \$25,000,000, and submitted to federal agencies such as the NSF and NOAA, local governments and private foundations.
- Formulate strategic plans toward expansion of research, direction of research programs, as well as education capabilities of the institute.
- Facilitate cross-disciplinary and cross-institutional team formation. Focusing on the inception and growth of local, regional and global research initiatives that are solution-oriented and connect social and natural sciences with technology and policy.
- Devise and implement strategies and tools to promote collaboration and increase efficacy and efficiency of the proposal crafting process. I developed a set of organizational instruments and 'best practices' that have now been adopted across the College of Arts, Science and Education Research and Development Office.
- Prepare reporting documents and analyze trends in research activity.

CORE SKILLS

RESEARCH

Research proposal development
Critical and creative thinking
Statistical and data analysis
Cross-disciplinary team collaboration

PROJECT MANAGEMENT

Idea development and strategic planning
Team management
Scheduling and timeline planning
Partnership building

ART & DESIGN

Web design and development
Adobe InDesign, Photoshop, Illustrator
Multimedia art and painting
Creative writing

COMMUNICATIONS

Written and spoken proficiency in English and Spanish
Social media management
Public speaking
Scientific and journalistic writing

PROGRAM MANAGER**AUG 2017 - JAN 2019**

SCHOOL OF ENVIRONMENT, ARTS & SOCIETY - FLORIDA INT'L UNIV.

- Spearheaded the development and implementation of 5 programming initiatives that brought science, art and technology together. Among these was a public art-science event series that featured scientists, local artists and FIU Department of Theater students. This series engaged diverse audiences in local critical issues such as sea level rise and Everglades restoration.
- Forged partnerships with community-based organizations and local government institutions to expand the reach of the school's education and outreach programming.
- Managed the school's communications and web content. Created 4 websites, worked with my team to write and publish 185 news articles in an institutional news platform (FIU CASE News), and oversaw social media strategic planning and content creation, leading to a 126% increase in the school's social media presence from 2017 to 2018.
- Oversaw the budgets and activities of the school's fellowships, internships, and outreach and education projects.
- Created marketing and communications materials, including newsletters, magazines, reports, advertisement one-pagers, info-graphics and videos.

SCIENCE COMMUNICATIONS COORDINATOR**MAR 2017- AUG 2017**

NSF CREST CENTER FOR AQUATIC CHEMISTRY & ENVIRONMENT - FLORIDA INT'L UNIV.

- Co-managed the center's programs, including the Undergraduate Research Fellows Program, the CACHe Course, workshops, field-trips and research symposiums.
- Developed and implemented organizational plans for research activities, events, social media management, financial tracking, and student record management.

RESEARCH ASSISTANT**MAY 2016 - AUG 2016**

NOAA GEOPHYSICAL FLUID DYNAMICS LABORATORY - PRINCETON UNIVERSITY

- Completed a research project that involved doing a comparative analysis of the biogeochemical fields represented in the laboratory's Earth Systems Model. The completion of this work was followed by a presentation to the scientists and administrators in the laboratory about findings and proposed model improvements.
- Created analysis scripts to monitor ocean biogeochemical fields in the laboratory's Earth Systems Model using Python and mapping software.

PLANNING & ENVIRONMENTAL MGMT INTERN**SEP 2016 - APR 2017**

FLORIDA DEPARTMENT OF TRANSPORTATION - MIAMI, FL

- Conducted research on sea level rise impacts to South Florida's transportation infrastructure and prepared reports for stakeholders with key information about sustainability and resiliency practices.
- Analyzed urban growth trends and model data to write and edit infrastructure-planning studies and roadway engineering projects.

ASSISTANT TO THE CHIEF OF PARTY**MAY 2015 - AUG 2015**

USAID SECURING WATER FOR FOOD T.A.F. - WASHINGTON, DC

- Developed strategy documents addressing common problems faced by water and agriculture innovators in the developing economies of the 20 countries that are part of the Securing Water for Food Technical Assistance Facility portfolio.
- Analyzed information across scientific and policy sectors, and created policy-targeted documents and presentations as well as public outreach documents, including newsletters, speeches, and marketing materials.
- Created a framework for an innovator needs diagnostic tool – an intake evaluation instrument to assess the needs and opportunities of water and agriculture innovators in developing countries. This included analysis of available funding opportunities..

LEADER OF THE YEAR

2014

Florida International University
Student Life Awards,
Freshman Category**AVENTURA MARKETING
COUNCIL FELLOWSHIP**

2014-2017

City of Aventura, FL

MONCARZ SERVICE AWARD

2016

Florida International University

LEADER OF THE YEAR

2016

Florida International University
Student Life Awards,
Junior Category**GLOBAL LEARNING
MEDALLION**

2017

Florida International University

**ADVANCED LEADERSHIP
MEDALLION**

2017

Florida International University