

Name: Pedro Muñiz-Rivera

Courses Taught:

ARQU 4311 Arquitectura Bioclimática y Diseño Sustentable
ARQU 4312 Arquitectura Bioclimática, Materiales y Métodos de Construcción
ARQU 6313 Proyecto Arquitectónico Avanzado I
ARQU 6314 Proyecto Arquitectónico Avanzado II
ARQU 5995 Ventilación Natural en la Arquitectura

Educational Credentials:

B.A. in Environmental Design, Escuela de Arquitectura, Universidad de PR, 1979
M.Arch, Escuela de Arquitectura, Universidad de Puerto Rico, 1981
Ph.D., Virginia Polytechnic Institute & State University, 1985

Teaching Experience:

Instructorship, College of Architecture and Urban Studies, Virginia Tech, 1983 . 1986.
Assistant Professor, School of Architecture, University of Puerto Rico, 1986 . 1991.
Associate Professor, School of Architecture, University of Puerto Rico, 1991 . 1996.
Full Professor, School of Architecture, University of Puerto Rico, 1996 . present.
Director, Laboratorio Ambiental de Arquitectura Tropical, School of Architecture, 1992-
present

Professional Experience:

Architecture Assistant, Rodríguez Flores, González Rosa Arquitectos, 1979.
Architecture Consultant and Staff Member, Center for Energy and Environmental
Research, 1981 . 1982.
Architect and Partner, O J Rivera Otero Arquitectos y Asociados, 1986 . 1991.
Principal, Taller de Arquitectura Biotropical, 1989 . Present.

Licenses / Registrations:

Puerto Rico
Florida

Selected Publications and Recent Research:

*The geometry of external shading devices as related to natural ventilation, daylighting
and thermal comfort, with particular reference to tropical hot humid climates*, Ph.D.
Dissertation Virginia Polytechnic Institute and State University (Virginia Tech) Blacksburg,
Virginia USA.

El túnel de viento: un paso hacia la arquitectura biotropical, Diálogo . Año 7, Número 51
(septiembre 1992) Patrimonio . Volumen 2, Número 1 (julio - septiembre 1991).

Tropisfera: Natural Daylight Research Lab . LAAB, Design and construction
(construction in progress) School of Architecture . UPR, 2007 . Present.

Professional Memberships:

Colegio de Arquitectos y Arquitectos Paisajistas de Puerto Rico
American Institute of Architects
National Council of Architectural Registration Boards (NCARB)
Florida Department of Business and Professional Regulation . FLDBPR
Society of Building Science Educators (SBSE)