



DR. FERNANDO ABRUÑA, FAIA

abrumus@gmail.com 787-724-0987 www.abrunaandmusgrave.com

Dr. Fernando Abruña is a registered practicing Architect, conservationist, Energy auditor and retired Professor from the School of Architecture, University of PR. Considered as the Father of the Green Building Movement in Puerto Rico, Abruña is the recognized authority on sustainability for the past 40 years, even before the term was coined.

He earned his Bachelor and Master of Architecture degrees from the Rhode Island School of Design and Pratt Institute of Technology respectively. He completed his Doctor of Design Science Degree in a non-traditional program as an apprentice to Richard Buckminster Fuller in 1977 at the age of 25.

He has written numerous green building books including: “Fresco Gratis”, “¡CASAS!”, “A Ojo de Buen Cubero”, Casa Ausente, Materiales y Procedimientos de Construcción and Think Green...Build Green”, used as references both in industry and academia in PR and the Caribbean. He has lectured worldwide and his work has been honored with numerous awards from recognized institutions in the Architecture and Environmental fields. Abruña is a Certified Energy Auditor with the Energy Public Policy State Office of PR, Member of the Association of Energy Engineers and Honorary Member of ACONER (Renewable Energy Consultants and Contractors Association).

Following is a list of his most important and relevant projects and achievements:

1. Construction Guidelines for Hurricane Resistant Homes for the Architects and Landscape Architects Association
2. Absent House (1st Eco-House of PR): American Institute of Architects (AIA) Award
3. Niños Uniendo al Mundo (1st Eco School of PR in Caguas): Environmental Quality Award by EPA
4. University of Puerto Rico, 1st Solar Decathlon House with his students, 2nd Prize Architecture Competition
5. Carmelo Feliciano School: 1st Public Eco School of PR in Culebra, Environmental Quality Award by EPA Best and Most Important Building of 2012 Award by the Engineers and Surveyors Association
6. Solaria: 1st Pre-designed Eco-House for Villas MI Antojo: Best Integration Award, Green Builder Magazine
7. Full Moon Eco-Park: 1st dark sky eco-park design worldwide (Un-built)
8. Eco Lodge Design Guidelines for PR Tourism Company
9. 1st and only Green Building Certification Program for the PR Tourism Co.
10. 2nd Public Eco-school of PR in Dorado: LEED Gold Certification
11. Professional Offices Park Building, Oldest LEED Certified Building in PR
12. Campus Rider: 1st solar/electric prototype car for PR (AIA Award)
13. EcoHab (2013): Low Income Green Homes for HUD, 1st Energy Star & LEED Gold Certified Homes in PR
14. US Patent for BrightShade energy saving eco-window with Valcor Doors & Windows (2014), now in production
15. URBAN-E: electric microcar prototype for Urbano Green Works
16. Habi-Pod: Minimal housing Life Support Module (AIA Award)
17. Numerous historic preservation & rehabilitation projects with AIA and PR Biennale awards recognition
18. The House on the Horizon: A utility independent, 500 SF micro eco house in Lajas, PR.
19. La CASA RESISTENTE (2018) House Competition Winner (for victims of Hurricane María) sponsored by the Architects & Landscape Architects Assoc., the Engineers & Surveyors Assoc., and the G8 Communities of the Caño Martín Peña area in San Juan

In 2003, the Environmental Quality Board honored Abruña for his sustainable architectural work. He was elevated as “Fellow” of the American Institute of Architects and named Environmental Citizen of 2005 by EPA (Region 2). He is the Henry Klumb award (2010) recipient, the highest honor bestowed on a member, by the Architects and Landscape Architects Association of PR.

“The Absent House”: A Caribbean Designer Confronts Climate Change” a documentary film about his work opened the Green Film Festival at Green Build: 2014, the largest and most influential international green building event. The film has been translated to numerous languages and is being shown worldwide.

He publishes a biweekly Green building column “*Dialogando Verde*” since 2010, with the El Nuevo Dia newspaper and is the Consulting Editor of *Corriente Verde* Environmental magazine (EPA’s Environmental Quality Award, 2013). Abruña is a member of the Consulting Board of the PR Conservation Trust and member of EPA’s National Advisory Council on Environmental Policy and Technology in Washington, DC (2012-16).

He practices his profession with his wife and partner, Margaret Musgrave in a 200-year-old building in the historic district of San Juan.