



Santiago R. Perez
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Education

Master of Architecture, with Distinction 1991
Harvard University Graduate School of Design

Bachelor of Architecture, 1989
Boston Architectural College

Research Interests

Professor Pérez has published and lectured widely on the influence of craft, digital fabrication and generative modeling on design and architecture. In addition to these core interests, Pérez is evolving a body of research and teaching considering the influence of biology & responsive systems & environments, within the larger framework of craft and fabrication. ReTHINKING the value of making and fabrication within a critical context, beyond the mere production of form, is one of his current goals in both teaching and research.

His recent paper, ***Crafting Complexity*** was published in the ACADIA SILICON + SKIN 2008 conference proceedings. He was an invited panelist in the Design Life Now: National Design Triennial exhibit at the Contemporary Arts Center in Houston in March 2008. His recent initiatives include a site-specific public installation of full-scale fabrication work installed on Houston's Buffalo Bayou in Dec. 2008, produced in conjunction with the EFAB: Environmental Fabrication Studio.

Current Projects

MICRODWELLING PROTOTYPE: Development of full-scale prototype with visiting professor William Massie, director of the architecture program at Cranbrook Academy of art. This project is produced in conjunction with our collaborative design studio at the UH / CoA in Spring 2009. Blog Link: <http://microliving.uh.edu>

MICRO-PERFORMATIVE SURFACES: Sponsored Research prototype surfaces combining generative modeling, CNC prototyping and active sensor / controller arrays. The research outcomes of this project will be utilized to develop a new seminar course, and as a foundation for large-scale responsive surfaces with applications for interior and exterior active systems.

Courses Taught

ARCH 5501	<i>5th Year Comprehensive Design Studio</i>
ARCH 5500	<i>5th Year Design Studio (Digital-Fabrication)</i>
ARCH 3397	<i>GMOD Generative Design Strategies Seminar</i>
ARCH 3397	<i>Drawing To Making Seminar</i>