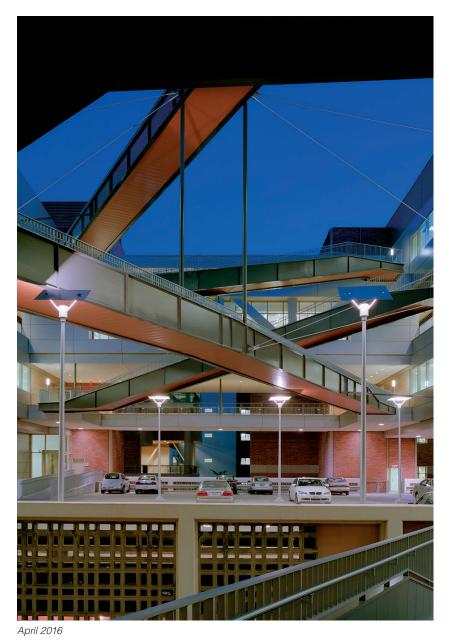
UNIVERSITY OF CALIFORNIA, LOS ANGELES, CALIFORNIA NANOSYSTEMS INSTITUTE

Los Angeles, California, USA



The site that the University of California, Los Angeles (UCLA) selected for its California NanoSystems Institute is a narrow, steep lot adjacent to a parking garage on its dense South Campus that involved a number of physical challenges. Likewise, nanotechnology, a multidisciplinary field addressing the control of matter on a molecular level. presented a unique set of programmatic hurdles, including highly specific laboratory requirements. Rafael Viñoly Architects addressed both issues, while keeping the client's goal of interdisciplinary collaboration in mind.

According to the original brief, the adjacent parking garage was an obstacle that dictated a multistory tower with small floor plates on one side of it. Instead, Rafael Viñoly Architects saw the garage as the starting point for the design and proposed a horizontal configuration suspended over it to foster student and researcher collaboration and to open up new possibilities for the rest of the campus plan.

FACTS + FIGURES

Completion 2007

Size 17,560 gsm

Awards

Honor Award, Westside Urban Forum, 2008

Media Coverage

Architecture & Culture. "The Architecture of Science," May 2008 R&D Magazine, "Site Makes Right: Choosing a Sustainable Location." December 2008 Structure, "UCLA California NanoSystems Institute," June 2005

Client

University of California, Los Angeles

Consultants

MEP/FP Engineer Stantec

New York 50 Vandam Street

New York, NY 10013 +1 212 924 5060

London

11-29 Fashion Street London, E1 6PX +44 (0) 20 8206 6200 Structural Engineer Nabih Youssef & Associates

Civil Engineer **RBA** Group

Landscape Architect Nabih Youssef & Associates

Acoustic/AV/Vibration/ Security Consultant Shen Milsom & Wilke, Inc.

Laboratory Planning & Specifications Consultant GPR Planners Collaborative, Inc.

CFD Analysis Consultant Fluid Dynamics Solutions, Inc.

EMF Shielding Consultant EMF Shielding, Inc.

Lighting Designer Horton Lees Brogden Lighting Design, Inc.

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RAFAEL VINOLY ARCHITECTS

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