

Robert B. Peña

Associate Professor of Architecture

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EDUCATION	1987	Master of Architecture, University of California, Berkeley.
	1981	Bachelor of Science in Architectural Engineering, Structures Major, honors, University of Colorado.
TEACHING APPOINTMENTS	2007 - present	University of Washington , Seattle, Washington. Associate Professor, Architectural Design and Building Science
	2002 - 2007	Cal Poly San Luis Obispo , California. Associate Professor, Architectural Design and Building Science
	1992 - 1997	University of Oregon , Eugene, Oregon. Assistant Professor, Architectural Design and Building Science
	1989 - 1992	Montana State University , Bozeman, Montana. Assistant Professor, Architectural Design and Building Science
		University of California, Berkeley. Lecturer, Graduate Studio, Fall 2001; Ecological Design Seminar, Spring 1989; TA 1985-87. San Francisco Institute of Architecture. Lecturer, Ecological Design, Spring 2000. Universidad Francisco Marroquin, Guatemala City. Guatemala. Lecturer, Ecological Design, Spring 1998. Colorado Outward Bound School, Jensen, Utah. Course Director and Instructor, seasonal 1983-1996.
INSTRUCTIONAL AREAS		Architectural Design: undergraduate and graduate design studios and graduate thesis. Building Science: climate responsive architectural design; architectural and mechanical systems for heating cooling and electric lighting; daylighting; water supply and waste systems; architectural acoustics. Ecological Design: sustainability, urban ecology, and high performance buildings.
PROFESSIONAL	1997 - 2002	Van der Ryn Architects, Sausalito, California. Director of Ecological Design Consulting
	1993 - 1995	Scovell Architects, Eugene, Oregon and Ketchum. Idaho. Design.
	1991	Esherrick, Homsey, Dodge and Davis, San Francisco, California. Architectural Intern.
	1988 - 1989	Mazria Associates, Inc., Santa Fe, New Mexico. Architectural Intern.
	1988	HKS Engineering, Inc., Santa Fe, New Mexico. EIT/Engineering Intern.
	1981 - 1983	Krause Engineering, Inc., Santa Fe, New Mexico. EIT/Engineering Intern.
	1981	Solar Energy Research Institute, Golden, Colorado. Research Intern.
SELECTED PROJECTS	2009 - 2013	Performance Consultant, the Bullitt Center, Seattle.
	2003 - 2005	Faculty Advisor for Solar Cal Poly, the USDOE Solar Decathlon 2005, 3 rd place finish.
	2000 - 2002	Principal-in-charge and lead designer at Van der Ryn Architects on multiple projects for Berea College, Kentucky: · Draper Hall: high-performance existing building renewal of 1930's classroom and office building. · Ecovillage: student housing, commons, sustainable living demonstration house, living machine, child care center and child development lab.
	2001 - 2002	Patmore/Zarcone Residence, Los Altos Hills, California. Passive solar, straw-bale home; project design, principal-in-charge. Published in: <u>Good Green Homes: Creating Better Homes for a Healthier Planet</u> . Gibbs-Smith, 2003.
SELECTED PUBLICATIONS		"Living Proof: Seattle's Net Zero Energy Bullitt Center." Proceedings of the 2014 American Solar Energy Society, National Solar Energy Conference, presented at the InterSolar Conference, San Francisco, CA, July 2014. "Integrated Design to Achieve Zero Net Energy in an Urban Office Building." Co-authored with Rahman Azari, PhD. Candidate, UW College of Built Environments. Proceedings of the 2012 American Solar Energy Society National Solar Energy Conference, Denver, Colorado, May, 2012. "Learning from the Solar Decathlon: High Performance Building Design, Operation and Evaluation." Proceedings of the 2008 American Solar Energy Society National Conference, San Diego, California, May, 2008. "Sailing Draper: Evaluation of a Mixed-Mode Climate Responsive Building." Proceedings of the 2004 American Solar Energy Society National Conference, Portland, Oregon, July, 2004. "Ecologic Analogues and Architecture," Sim Van der Ryn and Rob Peña. Kibert, Charles J., Sendzimir, Jan, Guy, G. Bradley, editors. 2002. <u>Construction Ecology: Nature and the basis for green buildings</u> . New York: Spon Press
AFFILIATIONS		Society of Building Science Educators (SBSE) American Solar Energy Association (ASES)
AWARDS		The University of Oregon Ersted Award for Distinguished Teaching, June 1997. AIA Henry Adams Medal for Excellence in the Study of Architecture, U.C. Berkeley, June 1987. Outstanding Graduate Student Instructor Award, 1985, 1986, and 1987.