

Caroline Lobo
Orcutt I Winslow -
Director of Higher Education
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Visionary architect with a passion for designing environmentally benign buildings for a Sense of Place in a sustainable future.

EDUCATION

- PhD in Environmental Design and Architecture, Arizona State University
- Master of Science (Building Design), Arizona State University
- Master of Technology (Energy Studies), Indian Institute of Technology, India
- Bachelor of Architecture, Sir J.J. College of Architecture, India

CAREER HIGHLIGHTS

- Chair/Founding member - Committee on the Environment, Arizona American Institute of Architects. Working towards creating an awareness of sustainable design amongst design professionals and clients
- Member of AIA's 2006 Sustainable Design Assessment Team, Lawrence, Kansas
- Designed the first green high school in Arizona
- Worked with the City of Scottsdale's Green Building Programs Commercial Checklist committee to develop a prescriptive green building design tool tailored to the desert environment that may be used by designers and builders
- Working with AIA-AZ/ASFB (Arizona School Facilities Board) coalition to evaluate green schools design criteria
- Participated in various community design charettes related to sustainable communities and green schools
- Phoenix Business Journal's 2008 'Forty Under 40'
- Design Jury - AIA-CAE, AASA, Valley Forward, AS&U

EXPERIENCE

Director of Education/Associate/Environmental Analyst Orcutt I Winslow, Phoenix, Arizona. Representative Projects: Pendergast Green School #12 (Unbuilt), Verrado High School (LEED – Silver), Ewa Makai Middle School, Arcadia High School, Chaparral High School, Mohave Community College	(June. '97 - present)
Graduate Research Assistant School of Architecture, Arizona State University, Tempe, Arizona.	(Jan. '97 - Dec.'97)
Project Scientist Energy Conservation Lab., Indian Institute of Technology, New Delhi, India.	(Nov. '96 - Dec.'96)
Guest Scientist System Analysis and Technology Evaluation, (KFA) Research Center, Juelich, Germany.	(April '96 - Oct.'96)
Project Associate Energy Conservation, Lab., Indian Institute of Technology, New Delhi, India.	(Aug. '94 - Mar.'96)
Associate Partner Network of Design and Execution, Architectural Firm, New Delhi, India.	(Jan. '94 - Aug.'94)
Project Architect	(Dec. '91 - Dec.'93)

BOOK/PAPER REVIEWS/PUBLISHED PAPERS

US Green Building Council's Conference Technical Paper Reviews, 2006, 2007, 2008

'Lawrence SDAT: Honoring our Past and Shaping Our Future', AIA Sustainable Design Assessment Team Report, November 2006

'Building for Life: Designing and Understanding the Human – Nature Connection', Stephen R. Kellert, Book Review, AIA, April 2006

'The Role of Environmental Perceptions in Sense of Place: Case Studies of Neighborhoods in Phoenix, Arizona', PhD Dissertation Thesis, Arizona State University, May 2005

'Reassessing Sustainable Buildings in the Context of Ecological Footprints for the Built Environment', 18th Conference on Passive and Low Energy Architecture, Brazil, November 2001 (co-author's: Juan Demeritus and Izzet Ozkerecci)

'Designing and Building Green: Creating an Environmental Culture for Education', SB2000 (Sustainable Building) Conference, Maastricht, Netherlands, October 2000

'Accounting for Unintended Consequences: Improving Building Performance through Sustainable Measures', WOBO'2000 (World Organization of Building Officials), International Conference on Building Towards a New Millennium, Dubai, UAE, March 2000 (co-author's: David Eisenberg and Anthony Floyd)

'Defining a sustainable building', SOLAR'98 – International Symposium, International Solar Energy Society, Santa Fe, July 1998

'Architecture in the Warm-Humid region of India', 25th Annual Ghost Ranch Conference, New Mexico, October 1997

'Green architecture in the climatic zones of India', Indo-German symposium on Green architecture and Sustainable Development, Madras, India, December 1996 (co-author: Bansal, N.K.)

'Modeling approach for energy analysis of buildings', Indo-German workshop on Greenhouse gas

SELECTIVE PRESENTATIONS AND MEDIA COVERAGE

Ideas and Influences Shaping International School Design, AIA Convention, June 2010

'Dollars and Sense: Long term view of Green Schools', Arizona Association of School Building Officials, July 2008

'Green Design: Wows and Woes', Seminar for Architects and Building professionals, Stuckey Insurance, May 2008

'Planning for Greening Existing Facilities: Affecting the triple bottom line', CEFPI Southwest Regional Conference, May 2008

'Greenest School in Arizona', KPNX-TV School Solutions, August 2007

'Female Architects drawing up careers on their terms', Phoenix Business Journal, June 2007

'Greening Agua Fria Union High School District-Case Studies', 5th Annual High Performance Schools Symposium, CEFPI, January 2007

'Green Schools', Alliance for Construction Excellence, Renewable Energy Task Force, September 2006

'Managing Change, Becoming more effective', Arizona Association of School Building Officials, July 2006

'A Degree of Practicality', 'Doing More with Less, by Design' Taliesin West Conference, Scottsdale, Arizona, November 2005

'Building Green', Leadership West Environmental Possibilities Day Seminar to Community Leaders, West Phoenix, Arizona, May 2005

'Sustainable Design', Symposium of Indigenous Architecture and Community Planning Concepts, Phoenix, Arizona, March 2005

'Green Schools Design', CEFPI International Conference, Scottsdale, Arizona, February 2005

'Dream of Being Green', Arizona Business Gazette, April 2004

'Architect uses Green to make a school a teaching tool', Arizona Republic, April 2004

AFFILIATIONS

- Leadership Group, AIA-CAE (Committee on Architecture for Education), 2008-Date
- Commissioner, Environmental Quality Commission, City of Phoenix (08- Date)
- Chair, AIA – Phoenix Metro - Committee on the Environment ('06, '07, '08)
- Member, Design Standards Committee, City of Phoenix - Boards and Commissions
- Member, Council for Educational Facility Planner International
- Board of Director, Arizona American Institute of Architects ('04-'05)
- American Solar Energy Society
- Council of Architecture, India
- International Solar Energy Society
- Board Member, Arizona Central Branch Chapter, US Green Building Council
- City of Scottsdale's Green Building Program
- UIA, Union of International Architects, Working Group on Energy and Environment
- Valley Forward
- Vice-President, Anytown America Inc. ('06)
- Valley Leadership, Class XXIX