

RESUME		PROFESSOR GOTTHILF GOETZ SCHIERLE, PhD, FAIA http://arch.usc.edu/faculty/schierle#profile-faculty http://uscarch.com/schierle/ http://uscarch.com/seismic/ http://cognella.com/titles/schierle/ http://www.academicroom.com/users/schierle
EDUCATION	1975	PhD and Master of Architecture, University of California, Berkeley (GPA 3.97 / 4) Major: structural design; minor: design methods and management science
	1959	Dipl-Ing (Architecture/Engineering) Stuttgart, Germany
LANGUAGES		English, French, German, BASIC, FORTRAN
TRAVELS		37 countries in Africa, America, Asia, Australia, Europe
LICENSES		Architecture Licenses in California, Germany, Utah
AFFILIATIONS		<i>Fellow</i> American Institute of Architects
AWARDS AND GRANTS	1999-01	FEMA/CUREE Grant (\$1,000,000): Earthquake hazard mitigation of wood structures
	1998	Creative Achievement Award, ACSA: Association of Collegiate Schools of Architecture
	1992-94	National Science Foundation Grant BCS-9203339: <i>Quality Control in Seismic Design and Construction</i>
	1991	National Science Foundation Equipment Grant BCS 9112472: 9 PCs, test stand & shake table
	1990-91	National Science Foundation Grant BCS 9017133t <i>LDG: Lateral Design Graphs</i> (software)
	1986-87	US Department of Housing and Urban Development Grant: <i>SDG: Seismic Design Graphs</i>
RECENT SERVICE	1982-06	Academic Senator representing School of Architecture (elected 1990- 92, 2000-06)
	2004+05	Member, Senate Executive Board Nominating Committee (elected)
	2000-05	Member, Probationary Deadline Committee
	1995-	Member, Advisory Board, <i>Fabric Architecture</i>
	1995-	Member, Design Awards Jury, Industrial Fabrics Association International
	1995-98	Member, Editorial Board, <i>JAE: Journal of Architectural Education</i> , ACSA
	1997	Editor, Technology Issue (November), <i>JAE: Journal for Architectural Education</i> , ACSA
	1997	Developed and taught continuing education seminar: <i>Design for Seismic Safety</i> , USC
	1994	Chair, <i>Earthquakes and Architecture</i> seminar, AIA National Convention, LA
	1993	Member, NSF workshop on seismic research policy planning, Washington, DC
	1986-88	Chair, California Commission for Architecture License Exam on Structures
TEACHING	1975-	UNIVERSITY OF SOUTHERN CALIFORNIA (USC), Professor (tenured since 1980)
	1985-95	Founding Director, Master of Building Science Program, USC (30+ student papers published)
	1994	Students won <i>First Prize</i> and <i>4 Honorable Mention</i> in International Design Competition
	1966-78	UNIVERSITY OF CALIFORNIA, BERKELEY, Lecturer Chair for structure courses (developed March / MSE joint degree program)
	1968	STANFORD UNIVERSITY, Lecturer
VISITING SCHOLAR	1996-97	UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA), Visiting Professor
	1991+94	EPFL: Ecole Polytechnique Federale de Lausanne, Switzerland: Visiting Professor 1991 Technical University Delft, The Netherlands, PhD advisor on lightweight structures
EXECUTIVE ARCHITECT	1970-	PROJECTS IN PRIVATE PRACTICE
Residential		Terrace homes in China (200 units) Terrace homes Hermosa Beach (33 units) Master plan Park City Village, Utah ski resort (900 hotel condos) - Olympic Village 2002 Other residential projects (200 + units) in Germany, California, and Italy
Recreational		Master plan, Intramural Sports Center (4 Gyms, Olympic pool, etc.), UC Berkeley Tennis pavilion with innovative retractable walls, Canada
Commercial		Bank of Berlin office building, Berlin-Rathenow, Germany Mixed-use building Berkeley, Office building, Pasadena Hotel/Restaurant, Hermosa Beach and Monterey Park
Institutional		Portable classroom with innovative thermal double membrane, Detroit, MI Theater pavilion (capacity 600), Armonck, NY Youth Center (capacity 500), Unterweissach, Germany

CONSULTING ARCHITECT		University Pavilion, Loyola Marymount University, with Raymond Kappe, FAIA IBM Headquarters, Frankfurt, Germany, with Heinle, Wischer, and Partners Master Plan College III, UC San Diego, with Worley K. Wong, FAIA and Associates Marine World Vallejo, membrane pavilion, with Advanced Structures Inc.
EMPLOYED ARCHITECT	1967-70	Chief Designer, Associate with Worley K. Wong, FAIA and Associates, San Francisco
	1965-67	UC Santa Cruz library: provost residence; dormitories; Stanford 240 high-rise dormitories Designer with Skidmore Owings and Merrill, San Francisco
	1962-64	25 story office tower, Sydney; Market Street East Redevelopment, Philadelphia Design Director with Professor M. J. Saugey, Architect / Urbanist, Geneva, Switzerland Swiss Expo'64, Lausanne: 26 restaurants, etc. with widely published cable roofs
RECENT PUBLIC LECTURES	2010	AIA National Convention San Francisco lecture: <i>Design of Fabric Structures</i> AIA National Convention Los Angeles lecture: <i>Design for Earthquake Safety</i>
	2006	AIA National Convention Las Vegas lecture: <i>Design for Earthquake Safety</i>
	2005	Accademia di Architettura, Univ. Della Svizzera Italiana, Mendrisio: <i>Design for Seismic Safety</i>
	1998	Ecole Polytechnique Federale de Lausanne, Switzerland: <i>Structures en Bois aux Etas Uni</i>
	1997	(Lecture at international post-graduate seminar on timber structures for architects & engineers) University of California, Los Angeles (UCLA): <i>Design for Seismic Safety</i>
INTERVIEWS	1994	KABC TV interview on seismic safety in shopping malls <i>Los Angeles Times</i> interview on <i>Quality Control in Seismic Resistant Construction</i> <i>Los Angeles Times</i> interview on seismic design of parking structures <i>United Press International</i> interview on Northridge Earthquake KSCR radio interview on Northridge earthquake <i>City News</i> interview on NSF-funded study <i>Quality Control in Seismic Resistant Construction</i> <i>Northridge Earthquake Field Investigations: Statistical Analysis of Wood-frame Damage</i> CUREE Publication W-09, 2003 <i>Woodframe Project Case Studies</i> , CUREE Publication W-04, 2001 <i>Quality Control in Seismic Resistant Construction</i> , National Science Foundation Report, 1993
RECENT RESEARCH REPORTS		
BOOK & RECENT REFEREED PAPERS		Schierle (2010) <i>LDG: Lateral Design Graph</i> , PhDiA International Conference, USC, Los Angeles Alshamrani, Schierle, Galal, and Vergun (2009) <i>Optimal Bracing to Minimize Lateral Drift in High-rise Buildings</i> ; ASCE Annual Conference, Miami Gowda and Schierle (2009) <i>Language of Form</i> , Architecture + Design Schierle (2008) <i>Structure and Design</i> (624 p. textbook), Cognella, http://cognella.com/titles/schierle/ Schierle (2006) <i>Seismic Web Site</i> , Proceedings <i>Building Technology Educators' Symposium</i> Schierle (2002) "Northridge Earthquake: Residential Wood Structure Damage <i>Proceedings, Structural Engineers World Congress (SEWC)</i> , Yokohama, Japan Schierle (2002) "Northridge Earthquake Field Investigations: Statistical Analysis of Woodframe Damage," <i>Proceedings, 7th National Conference on Earthquake Engineering</i> , Boston Schierle (2002) "Northridge Earthquake Field Investigations: Damage to Residential Woodframe Projects," <i>Proceedings, ASCE Structures Congress</i> , Denver Schierle, Vergun (1999) "Northridge Earthquake Damage Testing," <i>Proceedings, UCSD Workshop</i> Schierle (1996) "Quality Control in Seismic Design and Construction," <i>Journal of Performance of Constructed Facilities</i> , American Society of Civil Engineers, New York, 6 pp Schierle (7& 8, 1996) "Membranes under Prestress," <i>Fabrics and Architecture</i> , IFAI, 5 pp Schierle, Ganti, Yin (1996) "Computer-Aided Design and Manufacture of Membrane Structures," <i>Proceedings, IASS, International Symposium</i> , Stuttgart University, Germany, 8 pp Rau & Schierle (1995) "Vernacular Form: Wind Tunnel Tests and Computer Simulation," <i>Proceedings, International Conference on Wind Engineering</i> , New Delhi, India Schierle (1994) "Quality Control for Seismic Safety," <i>LA Architect</i> (cover page) Schierle (1994) "Computer Aided Seismic Design," <i>Journal of Architectural and Planning Research</i> Schierle (1993) "Structural Models as Design and Education Tools for Space Structures," <i>Proceedings, 4th International Conference on Space Structures</i> , Multi-Science Publishing, UK Schierle and Yin (1993) "Anticlastic Membranes: Correlation of Form, Prestress, Behavior," <i>Proceedings, 4th International Conference on Space Structures</i> , Multi-Science Publishing, UK