

# Robert E. Englekirk

## PROFESSIONAL EXPERIENCE

*With over 40 years of experience in structural engineering, Dr. Englekirk's background is a special combination of practical design experience and highly technical contributions to the field. His clients have always received the benefits of innovative and cost-effective designs. Evidence of this superior service is a long list of clients that includes institutions, major private developers, corporations and government agencies resulting in over 100 billion dollars in building construction. He is a registered Civil and Structural Engineer in California and over 20 states as well as an Appointed Adjunct Professor in the Civil Engineering Department at UCSD. His experience also includes having taught graduate classes in steel and concrete design for more than 25 years. Dr. Englekirk has directed the structural design of many diverse projects in the United States and worldwide, including:*

Getty Center, Los Angeles  
Hawaiian Village Complex, Honolulu  
Horton Plaza, San Diego  
Emerald Shapery Complex, San Diego  
The Remington, Los Angeles

The Water Garden Complex, Santa Monica  
The Wilshire, Los Angeles  
Hollywood & Highland, Hollywood  
California Science Center, Los Angeles  
San Jose Civic Center

## EDUCATION

Tulane University, BS, Civil Engineering, 1959  
University of California, Los Angeles, MS, Civil: Structural Engineering, 1965  
University of California, Los Angeles, Ph.D., Civil: Structural Engineering, 1970  
Ph.D. Dissertation: Earthquake Resistant Design of Ductile Structures

## PROFESSIONAL AFFILIATIONS

American Concrete Institute Fellow  
Structural Engineers Association California  
Prestressed Concrete Institute Fellow  
Pacific Earthquake Engineering Research Center  
UCSD Jacobs School of Engineering Council of Advisors  
Chairman, Board of Directors, Camp Elliott and Powell Research Laboratories, UCSD  
Los Angeles Philharmonic Association Board of Directors  
Los Angeles Tall Building Structural Design Council  
Earthquake Engineering Research Institute  
California Universities for Research in Earthquake Engineering  
Tulane University School of Engineering Board of Advisors

## DESIGN AWARDS

PCI's Structural Design Award: Bellview Center, 1982  
ACI's Alfred E. Lindau Award: Innovative and constructible concrete structures, 1983  
ACI's Henry C. Turner Award: Design and engineering achievements in the concrete construction, 1985  
PCI's Professional Design Award: Excellence in design using precast prestressed concrete, 1986  
PCI's State-of-the-Art Award: Advancement of the state-of-the-art of precast & prestressed concrete, 1990  
ACI's Outstanding Concrete Construction Project: Emerald Shapery Center, San Diego, California, 1990  
ASCE's Merit Award for Outstanding Civil Engineering Project: Rockwell Building 80 Base Isolation, 1991  
ACI Fellow: Outstanding and distinguished service to the institute and the concrete industry, 1992  
UCLA Civil Engineering Honor Society Outstanding Alumnus, 1993  
PCI's Martin P. Korn Award "greatest contribution to the advancement of precast and prestressed concrete", 1995  
PCI's Harry H. Edwards Industry Advancement Award: ideas and concepts that hold the potential to move the precast and prestressed concrete industry to the next generation of technology, 1996  
National Civil Engineering Honor Society Chapter Honor Member of Chi Epsilon with special honor by the University of CA, Los Angeles in recognition of superior scholarship, character, practicality, and sociability, April, 1997  
Tulane University School of Engineering Outstanding Alumnus Award, September, 1997  
PCI's Robert J. Lyman Award recognizing paper "An Innovative Design Solution for Precast Concrete Buildings in High Seismic Zones", 1997  
PCI Fellow "recognizing outstanding contributions to the precast prestressed concrete industry and to the institute", 1998  
PCI's Harry H. Edwards Award: The Paramount residential apartment tower, 2002  
PCI's Robert J. Lyman Award recognizing paper "Design-Construction of the Paramount – a 39-Story Precast Prestressed Concrete Apartment Building" for the "...paper that offers the greatest contribution in the area of plant production, site erection, or general construction using precast and prestressed concrete."

## SPECIAL RECOGNITION

Appointment, Adjunct Professor, University of California, Los Angeles  
Appointment, Adjunct Professor, University of California, San Diego  
Organizer, NSF Workshop on Seismic Design of Prefabricated Structures, Los Angeles, 1981  
Institutional Board Pacific Earthquake Engineering Research Center  
Los Angeles Area Chamber of Commerce Construction Industry Lifetime Achievement Award, 2001  
UCSD Jacobs School of Engineering Outstanding Executive Award, May, 2003

## PUBLICATIONS

Dr. Englekirk has recently completed a book entitled, "Seismic Design of Reinforced and Precast Concrete Buildings" published by John Wiley & Sons, Inc. His book "Steel Structures: Controlling Behavior through Design," was published in March of 1994. The Portland Cement Association published his design manual for concrete shear wall and ductile frame buildings. Dr. Englekirk is the co-author of a two volume series entitled "Earthquake Design of Concrete Masonry Buildings." He has also authored or co-authored over 100 technical papers and research reports that have been published in Professional Journals and Conference Proceedings throughout the world. A complete listing of his publications is available upon request.

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