

Kathy Caldwell, P.E., M. ASCE

BIOGRAPHICAL INFORMATION

Kathy Caldwell, P.E., graduated from the University of Tennessee with High Honors in Structural and Construction Engineering in 1985 after employment as a drafter and field technician for nine years following high school. Upon college graduation, she was a structural designer with Lockwood Greene in Oak Ridge, Tennessee. Kathy moved to Austin, Texas in 1987 and joined Parkhill Smith and Cooper where she was commended by the Texas Department of Highways for her work as a design consultant. During this time, her husband, Ronald Cook, completed his PhD in Structural Engineering at the University of Texas.

Kathy and Ron moved to Gainesville, Florida in 1989 where Kathy joined Jones Edmunds and Associates, Inc. During her 19 years with the firm, she served public works clients as a Design Engineer, Project Manager, and Senior Construction Resident Engineer. She became a Division Manager, Vice President, and Executive Committee member. During her tenure, she participated in the development of the firm's Strategic Plan, managed Plan implementation, and served as a member of the leadership team that integrated the five elements of the Plan into the firm's culture and operations.

Kathy led the successful establishment of a new market sector for the firm, ultimately resulting in her being named President of JEA Construction Engineering Services, Inc. (JEAcēs), a wholly owned subsidiary of Jones Edmunds, in 1999. The subsidiary grew to generate 25% of Jones Edmunds net revenue in its first five years of operation. Kathy retired from her position at JEAcēs in May of 2008 and is now President of Caldwell Cook and Associates and an adjunct Professor at the University of Florida.

Kathy has been an active, service-oriented member of ASCE since 1984. She was President of the Gainesville Branch in 1993/1994 and was the first president of the consolidated Florida Section (1999/2000). Her organizational and leadership skills contributed to the adoption of the Bylaws and Rules for Region 5. Kathy remains active with the Gainesville Branch, the Florida Section, Region 5 and Society committees. Kathy is a long and passionate proponent of ASCE's Student program and is a Practitioner Advisor for the University of Florida Chapter. Most recently, Kathy served on the ASCE Board of Direction and Executive Committee while chairing the Region 5 Board of Governors and the Society's Strategic Planning Committee.

In addition to her professional successes, Kathy is proud to have been honored as an Outstanding Alumni by the University of Tennessee Department of Civil and Environmental Engineering.

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ASCE Member Number

226076

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Contact Information

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Education

- Bachelor of Science with High Honors, major in structural engineering, minor in construction engineering, University of Tennessee, Knoxville, 1985

Work Experience

- Adjunct Professor, University of Florida, April 2009 to present
- President, Caldwell Cook & Associates, May 2008 to present
- President, JEA Construction Engineering Services, Inc. (subsidiary of Jones Edmunds & Associates, Inc.), July 1999 to May 2008
- Vice President, Jones Edmunds & Associates, Inc., January 1994 to May 2008
- Design Engineer /Project Manager/Assistant Division Manager/Division Manager, Jones Edmunds & Associates, Inc., October 1989 to July 2000
- Structural and Civil Engineer, Parkhill Smith & Cooper, Inc., Austin, Texas, October 1986 to October 1989
- Structural Designer, Lockwood Greene Engineers, Inc., Oak Ridge, Tennessee, July 1985 to July 1986
- Engineering Technician, Gilbert Associates, Inc., Knoxville, Tennessee, November 1981 to September 1982
- Designer, United Engineers & Constructors, Inc., Knoxville, Tennessee, January 1980 to November 1981
- Drafter/Designer, Dow Chemical Company, Knoxville, Tennessee and Houston, Texas, October 1975 to December 1979

ASCE Involvement

- Member, 1984 to present
- Executive Committee, 2008
- Board of Direction, 2005 - 2008
- Strategic Planning Committee
 - Chair, 2008
 - Member, 2008 and 2009

- Region 5 Board of Governors
 - Chair, 2008
 - Member, 2006 to 2008
- Member, Paraprofessional Task Committee, 2009
- Corresponding Member, Geographic Units Committee, September 2008 to present
- Member, Educational Activities Committee, 2006 to 2008
- Member, Policy Review Committee, 2007
- Officer Liaison, Engineers Joint Contract Documents Committee, 2006 to 2007
- Member, Construction Institute
- Committee on Student Activities
 - Chair, 1997
 - Member, 1995 to 1999
- President, Florida Section, 2000
- President, Gainesville Branch, 1994
- President, University of Tennessee Student Chapter, 1985
- Practitioner Advisor, University of Florida, 1989 to present
- Chair, Science Fair Committee, Florida Section, 1991 - 1994
- Chair, Student Activities Committee, Florida Section, 2002 to 2004
- Member, Local Planning Committee, 2010 Structures Congress, August 2008 to present
- Multiple Task Committees including:
 - Florida/South Florida Section Consolidation Committee, Chair
 - Region 5 Transition Committee, Chair
 - Task Committee on Election Procedures

Other Volunteer Activities

- Member, Engineers Without Borders
- Member, Transportation Committee, Florida Institute of Consulting Engineers,
- Member, CEI Sub-Committee, Florida Institute of Consulting Engineers
- Member, Florida Engineering Society
- Treasurer, Clear Lake Homeowners Association
- University of Florida Department of Civil and Coastal Engineering External Advisory Panel
- Assistant Study Team Member, Post-Disaster Study regarding Hurricane Hugo, National Academy of Science, Committee on Natural Disasters, 1989
- Participant in multi-media program to advance licensure, National Council of Examiners for Engineering and Surveying (NCEES), reference: www.engineeringlicense.com/careers/kat.php
- Member, Chi Epsilon
- Member, Tau Beta Pi

Awards

- ASCE Florida Section President's Award, 2006 and 2008
- Outstanding Alumnus Award, Department of Civil Engineering, University of Tennessee, 2005

- Engineer of the Year, ASCE Florida Section, 1996
- Engineer of the Year, ASCE Gainesville Branch, 1995
- Outstanding Committee Chair of the Year, ASCE Florida Section, 1994
- Nominee, ASCE Extraordinary Women Engineers Project

Personal

- Mother is a Civil Engineer
- Married to Ronald A. Cook, PhD, P.E., M. ASCE, Byron D. Spangler Professor of Civil Engineering, University of Florida
- Avid international and domestic traveler