

## David Jubenville Student Award Fund in Geotechnical Engineering

The David Jubenville Student Award Fund recognizes students pursuing a geotechnical engineering graduate degree at the University of Colorado Boulder. Dave excelled in the engineering profession and, more importantly, he knew how to mentor young engineers in the geotechnical engineering profession. Dave learned from every situation and every person. He would review site conditions, rely on his engineering education and research, and look at the big picture, including the geology, engineering properties, and performance of similar structures. He was a lifelong fan of the observational method to design, observe, and modify structures.

Dave was born in Deerfield, Massachusetts, in 1944. He attended college at the University of Connecticut where he earned B.S. and M.S. degrees in Civil Engineering. After college, to complete his ROTC commitment, he was assigned to the US Army. While in Vietnam, he managed road construction and paving crews. On return from the war in 1972, he and his wife, Jean, moved to Colorado. He joined the Civil, Environmental, and Architectural Engineering Department at the University of Colorado in Boulder as a research associate creating geotechnical software on the university's mainframe computer. This began his interest in the power of computing to solve geotechnical engineering problems.

After three years at CU, Dave began his career as a consulting engineer in Denver working for Kal Zeff Consulting Engineers, designing foundations for the booming apartment and office building market. After a few years, Dave hired on with the well-known engineer Fu Hua Chen at the engineering consulting firm of Chen & Associates. There, he led a team of engineers designing and building a new class of tall high-rise buildings in downtown Denver. With the passage of the Superfund legislation in 1980, Dave also began working in the environmental restoration field. He was overjoyed in 1982 when he purchased the first personal computer for the firm so the engineering staff could perform calculations using newly developed software.



In 1990, Dave moved to Woodward Clyde Consultants (now AECOM). There he became engaged in large federal government environmental cleanup programs. In 1994, Dave became the chief engineer responsible for the design of dams, landslide mitigations, and mine reclamation at Wright Water Engineers. He continued to work with the Civil, Environmental, and Architectural Engineering Department at CU on senior capstone projects, teaching the Foundation Engineering course from 2005 through 2008, and participating on the department advisory committee and accreditation teams. He delighted in the fact that he was able to teach the children of his employees that had taken up the study of geotechnical engineering.

Dave retired from Wright Water in 2009 and continued to consult for the next few years with Rocksol Consulting Group in Thornton, Colorado. There, he turned his attention to geotechnical design for highway and transit projects.

Dave fully retired in 2012. He enjoyed his retirement by playing with his six grandchildren, researching American history, traveling, and staying involved with engineering activities in Colorado. Dave passed away in 2019.