

SALVATORE E. CACCAVALE, PE, SE
Adjunct Professor
Department of Civil and Architectural Engineering and Mechanics

EDUCATION:

M.S. - 1975, Civil Engineering, University of Arizona

B.S. - 1973, Civil Engineering, University of Arizona

ACADEMIC EXPERIENCE University of Arizona

Adjunct Professor, CAEM/CEEM (1/4 time), Senior Capstone Design Project (Aug 2017 – present)

Graduate Teaching Assistant, CE Dept., (1/2 time), Strength of Materials for Engineers; Statics, Strength of Materials, and Elementary Structures for Architects, (Aug 1973 - May 1975)

NON-ACADEMIC EXPERIENCE

General Dynamics, Convair Division (San Diego, CA), Stress Analyst (1975 - 1976)

- Stress Analyst for the conversion of retired Atlas E/F ICMB rockets to satellite launch vehicles

Holmes & Narver, Nevada Test Site, Structural Engineer (1976-1979)

- Structural/Civil Engineer in support of the Nevada Test Site facility, Dept. of Energy, Mercury NV

RGA Consulting Engineers (Tucson, AZ), Sr. Structural Engineer, Principal Structural Engineer, Executive Vice President (1980-1992); BKS Consulting Engineers (Tucson, AZ), Chief Structural Engineer, Executive Vice President (1992-2000); CL Ridgeway Construction (Tucson, AZ), Engineering Manager, (2000-2001)

- Experience during these tenures included the design, supervision, and project management of architectural buildings, transportation projects, bridges, water reservoirs, wastewater management projects, school projects, and various Department of Defense projects.

Pima County Department of Transportation (Tucson, AZ), Sr. Project Manager, Capital Improvement Program Advocacy Manager (2002-2017)

PROFESSIONAL REGISTRATIONS

Professional Engineer (Structural #16089/1983, Civil #31220/1997) Arizona

Professional Engineer (Structural #4120/1997, Civil #29002/1978) California

Professional Engineer (Structural #05373/1982, Civil #05373/1980) Nevada

PROFESSIONAL MEMBERSHIPS

Structural Engineers Association of Arizona, Tucson Chapter, Member 1980 to present

Structural Engineers Association of Arizona, Tucson Chapter President 1984-1985, 2000-2001

Structural Engineers Association of Arizona, State Board President 1985-1986, 2001-2002

Society of American Military Engineers - President, Tucson Post 1999, Director 2000 - 2001

American Society of Civil Engineers, Past Member

HONORS AND AWARDS

Honorary Membership, Structural Engineers Association of Arizona, 2017

Professional of the Year, APWA Southern Arizona, 2005

Marvin M. Black Partnering Excellence Award, AGC of America, 2005

- Owner's Project Manager (Pima County Dept. of Transportation & Sundt Construction)

Public Works Project of the Year, APWA Arizona, 2001

- Prime Consultant Project Manager (BKS Engineers & Tucson Water)