N. MIKE JACKSON, Ph.D., P.E.

Professor

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Nieri Department of Construction and
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BIOGRAPHICAL SKETCH:

Dr. Jackson is an accomplished civil engineer, educator and academic administrator with over thirty-five years of experience. His professional career includes employment in both the public and private sectors, including technical, management and leadership roles. He earned the Doctorate degree (Ph.D.) in Civil Engineering from Oregon State University and is a licensed Professional Engineer. He served Clemson University as Department Chair, doubling the students, faculty and staff of the Construction Science and Management (CSM) Department and facilitating significant growth in external funding and departmental resources, including a $5 Million naming endowment and over $500k in recurring annual contributions to the department.

EDUCATION:

1. Oregon State University, Ph.D., Civil Engineering (Pavement Materials), 1992;
2. University of South Florida, MSCE, Civil Engineering (Geotechnical), 1988; and
3. University of South Florida, BSCE, Civil Engineering, 1987.

PROFESSIONAL LICENSURE:

Professional Engineer (**PE**): Florida (#45682).

PROFESSIONAL AFFILIATIONS:

1. Past Trustee and Committee Chair, American Council for Construction Education (**ACCE**);
2. Past President, Florida First Coast Chapter, American Concrete Institute (**ACI**);
3. Charter Member of the Transportation and Development Institute, and ***ExCEEd*** Teaching Workshop Graduate, American Society of Civil Engineers (**ASCE**);
4. Member, Associated Schools of Construction (**ASC**);
5. Member, American Institute of Steel Construction (**AISC**);
6. Member, **Chi Epsilon** – Civil Engineering National Honor Society; and
7. Member, **Order of the Engineer**.

ACADEMIC EXPERIENCE:

Department Chair and Professor, Nieri Department of Construction and Real Estate Development, College of Architecture, Art and Construction, Clemson University, 2017–2024. Served as Chair for the Nieri Department of Construction and Real Estate Development (NCRED) at Clemson University, including a growing faculty and staff of twenty-five (25) full-time professionals, twenty (20) part-time lecturers, and over 400 degree seeking undergraduate and graduate students. As Chair of the NCRED department, I facilitated the acquisition of existing graduate degree programs in Real Estate Development; national re-accreditation of the department's undergraduate and graduate degree programs; mindfully doubled undergraduate student enrollment; established an undergraduate on-line cohort, and established a new Ph.D. program in Construction Management; and substantially increased external funding for the department, including a $5 Million naming endowment, and the recurring growth of over $500k per year in discretionary funding (Corporate Partners). As a result, the NCRED department is the highest performing department in the college, boasting a 100% graduate placement rate, with degree programs that consistently rank among the top tier programs nationally.
Professor, Clemson University, 2025-Present.

Chair and Professor, Department of Civil Engineering and Construction Management, Allen E. Paulson College of Engineering and Information Technology, Georgia Southern University, 2013–2017. Managed the Department's annual operating budget of over $2 million, and served as Chair of two accredited academic units, including a faculty and staff of twenty (20) professionals, and over 800 degree seeking students. As Department Chair, I also successfully led the Construction Management program through ACCE accreditation and introduced a new Bachelor's degree program in Construction Engineering and a new Master's degree program in Civil Engineering.

Professor, College of Computing, Engineering and Construction, University of North Florida, 2011–2013. Charter member of the faculty of the College of Computing, Engineering and Construction at North Florida. Developed and taught a wide range of coursework and conducted over $3 Million in externally funded research related to Heavy Civil Construction Materials and Methods.
Associate Professor, University of North Florida, 2005-2010.
Assistant Professor, University of North Florida, 2001–2004.

Assistant Professor, Dept. of Civil and Environmental Engineering, the University of Tennessee, Knoxville, 1997-2001. Taught undergraduate and graduate coursework and conducted over $2 Million in externally funded research related to Heavy Civil Construction Materials and Methods.

REFEREED PUBLICATIONS:

https://scholar.google.com/citations?user=tHd7TYQAAAAJ&hl=en&oi=ao

INDUSTRY EXPERIENCE:

Principal Engineer, Jackson Research Engineers, Inc., 1993-2023. Provided consulting services and delivered over $3 Million in Civil Engineering and Construction Materials consulting and testing services including engineering technician training, quality control, and research and development.

Construction Materials Engineer, Vulcan Materials Company, Birmingham, Alabama, 1995-1996. Provided Heavy Civil Construction Materials consulting and testing services including training, quality control, and research and development activities in an effort to promote and expand the use of aggregates, concrete, and asphalt in construction.

Materials Engineer, Florida Department of Transportation, DeLand, Florida, 1993-1994. Assisted in the coordination and management of construction materials quality control testing, inspection, and research policies and programs for the Fifth District of the Florida Department of Transportation. Assisted in the management of a staff of over 50 engineers and technicians responsible for the inspection, sampling, and testing of construction materials, as part of a $225 Million annual District Construction Program.

Project Manager, Geotechnical and Environmental Consultants, Inc., Orlando, Florida, 1992-1993. Provided project management and geotechnical engineering services for a variety of Heavy Civil roadway and bridge construction projects throughout Florida.

Project Engineer, Dames & Moore, Portland, Oregon, 1989-1991. Provided project engineering and management services for various geotechnical construction projects throughout Oregon and Washington.

Staff Engineer, Soil & Material Engineers, Inc., Orlando, Florida, 1988-1989. Performed geotechnical engineering and construction materials quality control testing services for a variety of construction projects in the southeast.

Engineering Technician, Jammal & Associates, Tampa, Florida, 1986 - 1987. Performed standard geotechnical and construction materials laboratory and field tests on soils, concrete and asphalt, and conducted on-site inspections for general compliance with project plans and specifications, including the terminal expansion of the Tampa International Airport.

Construction Estimator (Co-op student), McCarthy, Inc., Tampa, Florida, 1985 - 1986.

Surveyor, Clarson & Associates, Jacksonville, Florida, 1983 – 1984.