

WILLIAM GENE ADAMS, JR., B.S., M.S., M.B.A., Ph.D.
CURRICULUM VITAE

EDUCATION

Ph.D. – Environmental Geography, December 2016

Dissertation Title: *The Protracted Dispute over the Edwards Aquifer: Revisiting and Reframing Multiparty Stakeholder Conflicts in Management, Regulation, Allocation and Property Rights.*
Texas State University, San Marcos, Texas

Master of Business Administration - Management, August 2008

Kennesaw State University, (formerly Southern Polytechnic State University) Marietta, Georgia

Master of Science - Construction Management, May 2007

Kennesaw State University, (formerly Southern Polytechnic State University) Marietta, Georgia

Bachelor of Science - Agriculture Economics, June 1981

Minor – Horticulture/Environmental Design

University of Georgia, Athens

ACADEMIC HONORS

Sigma Lambda Chi - Honorary Society - Recognition for Outstanding Scholastic Achievement in the Construction Major, 2007 – Lifetime Member

Texas State University – Graduate Dissertation Research Fellowship – Fall 2016 Semester

ACADEMIC EXPERIENCE

ASSISTANT PROFESSOR – TENURE TRACK – CONSTRUCTION MANAGEMENT

August 2017 – Present

Colorado Mesa University – Computer Science / Engineering Department

- CONM 396 New Topics Course Fall 2022 – Sustainability in Construction - Introduction to sustainable building methods and why, across disciplines with Environmental Science Department. Plan to offer course officially Fall 2023 with increased attendance with Environmental Concentration and other majors from multiple departments. Textbook: Kibert, Charles J. 2022. *Sustainable Construction, green building design and delivery*. 5th edition. Wiley Publishing.
- CONM 181 – Principals of Construction Management: Adopted new textbook: Kultermann, E., Spence, W. P. 2017. *Construction Materials, Methods, and Techniques, building for a sustainable future*. 5th Ed., Cengage Learning. Chapters 1 through 4.
- CONM 316 – Materials and Methods: Adopted new textbook: Kultermann, E., Spence, W. P. 2017. *Construction Materials, Methods, and Techniques, building for a sustainable future*. 4th Ed., Cengage Learning. Chapters 5 through 34.
- CONM 472 – Planning and Scheduling: Adopted textbook, *Real World Scheduling, an entire computer scheduling lab course in one book* for Oracle P6. Oracle P6 software has been acquired and installed on 30 student computers valued at \$170k license fee, with ongoing annual subscription valued at \$140k, all donated to the CM (Construction Management) program free of charge by Oracle. Students are exposed to scheduling theory, actual project delivery with Microsoft Project and Oracle P6.

- CONM 462 plus Labs – Soils and Foundations with labs: Soils and Foundations, CONM 462, is a new course curriculum and in collaboration with CM program director we have created all new curriculum with a newly adopted textbook, Warrington, Don, W. L. Schroeder. 2019. *Soils in Construction*. 6th edition. Waveland Press, Inc. Instructor resources, exams, PowerPoint presentations, lab equipment and exercises developed from the ground up for a firm foundation.

Service has been directed towards Associated Schools in Construction Regions 6 and 7 student competitions in Sparks, NV; student advising; construction industry advisory board; B&B endowment scholarship selection committee; Student Showcase faculty administrator for CS & Engineering Department; community service via Colorado Mesa University, and Catholic Outreach community service to transient clients.

CERTIFIED BUSINESS ADVISOR I, 2011 – 2012

Texas State University – San Marcos - Small Business Development Center

- Primary responsibility is counseling business clients to provide management and technical assistance on various business topics - financial and management analysis, business research, preparation of investment and/or loan proposals, and preparation of business plans
- Participate in development of business conferences, seminars and workshops and conduct or instruct a portion of those business seminars and workshops
- Perform marketing and networking outreach activities with local chambers of commerce, economic development councils, civic groups, and other community-based organizations to promote SBDC programs
- Attend various meetings held by Texas State University-San Marcos, UTSA Regional SBDC, SBA (Small Business Administration) District Office, and financial institutions

Ph.D. RESEARCH ASSISTANT, 2009 – 2010

Texas State University – San Marcos, Government Partnerships Program

Provide Directed Research Assistance – Research Interest:

- Brackish Aquifer Desalination Process
- Aquifer Storage and Recovery
- Wastewater Reuse and Reclamation
- Alternative Energy Systems
- Public Administration

ADJUNCT LECTURER, 2009 (Spring - Summer Semester)

Texas State University – San Marcos

McCoy School of Business - Management Department

Course Description:

Management 4350 – Entrepreneur Business Plan Development – (3-0) Students work in teams to select, create, and write solid business plans for proposed or “real” businesses. Upon completion students are expected to:

Understand and appreciate the specific requirements of owning, operating, and growing a small business; understand and appreciate the importance of honesty, respect, integrity, and ethical behavior in the entrepreneurial life; develop capacity

to analyze business opportunities in a complete sense; capacity to research and develop a new business from the ground up.

Management 3361 – Small Business Operations and Financials Management – (3-0) A study of funding and financial concepts necessary to effectively operate a successful small business. Students will use the most recent version of QuickBooks to “maintain” working capital and a complete set of books related to running businesses.

GRADUATE RESEARCH ASSISTANT, 2005 – 2006

Kennesaw State University, (formerly Southern Polytechnic State University) Marietta, Georgia

- Graduate Assistant to Construction Management Department Chair, Khalid Siddiqi, P.E., Ph.D.
- Assisted with graduating senior outcome assessment analysis of exit interviews and capstone evaluations for review by Department Chair, faculty, and Dean of Architecture, Civil Engineering Technology and Construction

MS/MBA/PSI, 2004 - 2008

- Concurrent with full time employment researched market potential for solar photovoltaic installer company as a class project
- Provided feasibility research material for a Sustainable Energy Education Center (SEEC) at SPSU as a class project
- Founded SPSU student chapter for the Association for the Advancement of Cost Engineers, International

CONFERENCE ARTICLES AND PRESENTATIONS

Adams, William G., Denise Blanchard, Richard Earl. 2014. Edwards Aquifer Region Stakeholder Frame Analysis. *Papers in Applied Geography*, Volume 37.

Earl, Richard, William G. Adams, and Ashley N. Naber. 2010. *Wood Resources of the Eastern Texas Hill Country*. Applied Geography Conference 2010, Fort Worth, Texas.

Irizarry, Javier, and William G. Adams. 2006. *Benefits of Industry Involvement in Construction Education*. ASCE/CIB Leadership Conference, Grand Bahamas Island, Bahamas.

CONFERENCE POSTER PRESENTATIONS

- Associated Schools of Construction, International Conference, April 20 - 23, 2022
Atlanta, GA
Poster topic curriculum development for applied Symons Concrete Form model application to illustrate terminology and assembly for the concrete forming industry as construction managers. Enhances understanding of terminology to facilitate understanding between the owner, design team, and subcontractors.

ACADEMIC AFFILIATIONS

- Associated Schools of Construction

- Founding Member - Southern Polytechnic State University Student Chapter Association for the Advancement of Cost Engineering, International (AACEI), 2005 – 2009.

PROFESSIONAL EXPERIENCE

W. G. Adams Corporation, Marietta, Georgia 1992 - 2008

President

Contractor and consultant specialized in exterior building envelope waterproof remediation, plaster and stucco application, and installation of wall and ceiling assembly.

- Provided overall leadership on multiple project teams to ensure safe, profitable, and timely project completion
- Contracted with commercial and residential clients for framing, lath, and plaster application
- Managed various trades to complete hundreds of construction projects
- President of the Georgia Lath and Plaster Contractors Association 2001 to 2003
- Newsletter and marketing committee co-chair with the GLPCA (Georgia Lathing and Plastering Contractors Association) from 1996 to 2000
- Volunteer coach and booster club supporter for youth athletic programs 1996 to 2008

Professional Service Industries (PSI), Kennesaw, Georgia 2006 - 2007

Senior Project Manager

Team Lead for Facilities Engineer, Roof, Environmental Consulting Department

- Produce facility assessment, design, plan, and specifications for contract documents as a basis for building envelope waterproofing and roof consultancy
- Initiate and develop key accounts, i.e., Lockheed, Georgia State Finance and Investment Commission, Shaw Industries, Georgia State University, Emory University, Starwood Hotels
- Prepared property condition assessment reports per ASTM 2018.01 in preparation of the due diligence for commercial property real estate transactions. Property condition assessments provide documentation for observed roof, mechanics, structure, civil and property drainage and boundaries, and all associated components, for a current asset condition report

Adams Stucco, Inc., Atlanta, Georgia 1983 – 1991, Vice President - managed budget of \$1.5M+ with 60+ employees completing 150+ projects contracted annually

Conwed Corporation, Marietta, Georgia 1981 – 1983, Area Marketing Specialist – developed and managed accounts in seven state, southeastern United States marketing erosion control materials used on civil, public, and private projects

PAST PROFESSIONAL ASSOCIATIONS AND DESIGNATIONS

- Past President, Georgia Lathing and Plastering Contractors Association (GLPCA), 2001 - 2003
- Speaker, Georgia Pest Control Association, Annual Conferences, 2000 (Winter/Summer Conferences) and 2006 Winter Conference
- Certified Exterior Insulation Finish System Mechanic (CEM), Association of Wall and Ceiling Industries, International (AWCI), 2000 – 2009
- Work Horse Award, GLPCA, 2000
- Executive Board, GLPCA, 2000 – 2005

- Licensed Professional Contractor, GLPCA, 1997 – 2004

SERVICE OUTREACH

Catholic Outreach, Grand Junction, December 2019 - present. Volunteer assisting with providing food, clothing, and housing assistance to the underprivileged community in Grand Junction.

San Marcos Citizens Utility Advisory Board, Secretary, March 2015 – 2017

Appointments to the Board by the City Council shall endeavor to appoint individuals meeting the following qualifications: two members with experience as a licensed professional engineer or experience in the operation and management of public utility systems and two members with education and experience in finance or accounting.

San Marcos Noon Lions Club International, Past President, Board of Directors, River Tube Rental Take-Out Point Supervisor, 2013 Ambassador of the Year; 2010 – 2017

San Marcos Greenbelt Alliance, Vice President, Trail Crew, Board of Directors, 2009 – 2017
SMGA envisions a network of greenways and trails that connect the places where we live, work, learn and play. Our greenbelt uses land that is often ignored and neglected and takes advantage of existing parks and sidewalks.

San Marcos Watershed Initiative - The Meadows Center for Water and the Environment
September 2014 – 2016

The San Marcos Watershed Initiative is a 3-year research and information gathering process with the end goal to create and implement a community and federally approved Watershed Protection Plan (WPP) for the Upper San Marcos River.