

Curriculum Vitae

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Science and Engineering Department
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Education

Doctor of Philosophy, Civil Engineering, Texas Tech University

Master of Science, Engineering Applied Mechanics, California State University,
Northridge

Bachelor of Science, Engineering, California State University, Northridge

Teaching Experience

Sept 2022 - present College of the Mainland Texas City, TX
Faculty – Engineering

Aug 2016 – Aug 2018 San Jacinto College, South Houston, TX
Adjunct Faculty - Engineering

Jan 1995 – May 2001 Texas Tech University Lubbock, TX
Research / Teaching Assistant

Industry Experience

2018 - 2020 DECON Structural Engineering Houston, TX
Senior Project Manager

2001 - 2015 TECHNIP, USA, Inc. / GENESIS Houston, TX
Senior Staff Engineer

1990 - 1994 ROCKETDYNE Canoga Park, CA
Technical Staff - Space Shuttle Main Engine

Significant Publications

Fagan, R., Duniyak, J., Gilliam, X., & Smith, D. (2000), 'System identification of wind loads on low-rise buildings', Engineering Mechanics Conference, Austin, TX.

Fagan, R., Smith, D. A. (2001), 'Overall wind loads on a low-rise building measured in the field', 1st Americas Conference, Clemson University, SC.

Fagan, R., Smith, D. A., & Mehta, K. C., (2001). 'Field measurements of total wind forces on buildings', ASCE Structures Congress, Washington, DC.

Fagan, R. (2001), 'A model for time varying wind loads on a low rise structure, Doctoral dissertation', Texas Tech University, TX.