

Javier Acosta, P.E., P.T.O.E., C.F.M.

EDUCATION

New Mexico State University, BS Civil Engineering, 2004
New Mexico State University, BS Survey, 2004

CURRENT EMPLOYMENT & RESPONSIBILITIES

***Vice President - Frank Spencer and Associates, Inc.,
2021 to Present***



Exhibit exemplary work ethics, integrity, professionalism, and dedication in providing day to day leadership, management, decision making and problem solving. He provides timely, accurate and complete reports on the operation condition and relevant key performance indicators of the Engineering Department. He addresses the development, communication, and implementation of effective strategies for extensive and sustainable growth of the Engineering Department. Optimizes the efficiency and productivity of the Engineering Department and pursues and captures business. Acts as the lead “client care officer” through direct contact with every client and business partner to strengthen present and future relationships. Develops, implements, and directs the proper procedures and methods to ensure all quality standards are met and maintained. Analyzes available technology, market needs and existing resources to determine project feasibility, costs, and profitability. Leads and motivates a high-performance team at every level in the Engineering Department, fostering cooperation and a positive work environment that empowers and inspires every employee to optimize productivity and achieve success. Attracts, recruits, and retains additional members of the team, as needed. Provides mentoring, ensures, and encourages accountability, communication, and coordination throughout the company. Allocates all resources effectively and reviews team and individual performance.

PROFESSIONAL ORGANIZATIONS AND AWARDS

- American Society of Civil Engineers (ASCE)
- National Society of Professional Engineers (NSPE)
- Voting member/secretary/executive committee of the Texas Water Development Boards Regional Flood Planning Group and Chair of Subcommittee 2 for Flood Mitigation Projects.
- Institute of Transportation Engineers (ITE)
- Texas Floodplain Managers Association
- Association for Consulting Expertise (ACE)

PROFESSIONAL REGISTRATIONS AND STATES

- Professional Engineer, New Mexico
- Professional Engineer, Texas
- Professional Traffic Operations Engineer
- Certified Floodplain Manager

HOMETOWN AND SHORT BIOGRAPHY

I am 42 years old. Born and raised in El Paso, TX. I attended Montwood High School and then NMSU. After college I moved to Las Vegas, NV to start my career. I then decided to move back to my hometown of El Paso and I have been there ever since. I have a strong commitment to provide the best for the community and the region.

FAVORITE MEMORY OF NMSU

Graduation Day!!! All the work it takes to get to graduation day, through the good times and the bad. The professors that were the toughest and friends that I made.

CAREER HIGHLIGHTS

Moving to Las Vegas for my very first job and getting my Professional Engineering License.

Daniel Delgado Camacho, E.I.

EDUCATION

New Mexico State University, BS Civil Engineering, 2015
University of Texas at Austin, MS Structural Engineering, 2018

CURRENT EMPLOYMENT & RESPONSIBILITIES

***Engineer - ExxonMobil Research and Engineering Company,
2018 to Present***

Marine Terminal Engineering Specialist, Support, and Surveillance (ES3) for ExxonMobil regional and global projects. Internal assessment of global Exxon Mobil operated or 3rd Party operated terminals. For example, reviewing marine operations, mechanical and structural conditions of the terminal, new design and feasibility studies for marine transportation.



PROFESSIONAL REGISTRATIONS AND STATES

- Passed the Professional Engineer Exam in April 2021, Texas (Eligible for license in 1st quarter of 2022)

HOMETOWN AND SHORT BIOGRAPHY

Cd. Juarez, Chihuahua, Mexico. As an NMSU student, I participated in the AMP and Bridge Inspection Program, and graduated with highest honors and as the outstanding civil graduate. Through faculty mentorship, I was successful at receiving NSF GRFP honorable

mention and the GEM Fellowship to attend graduate school at UT Austin. I started research for 3D printing applications in the construction industry. I did three internships with ExxonMobil (marine, civil, and cost intern) and participated in their Future Leaders Academy. In 2018, I started as a marine terminal engineer supporting globally in the design, rehabilitation, and optimization of the company terminals. I moved to Baytown in 2019 as a marine, civil, and mechanical engineer with the intent to expand my knowledge in operations and maintenance of existing facilities. Last year, I moved back as a marine terminal engineer with intent of becoming an SME in the future and influence industry on marine terminals.

FAVORITE MEMORY OF NMSU

Collaboration and integration of the students, faculty, and staff. Undergraduate research through AMP doing research for UHPC and the Bridge Inspection Coop.

CAREER HIGHLIGHTS

First year as a full-time employee, joined a group of subject matter experts from petroleum measurements, product quality, and marine navigation to recommend to the corporation the feasibility of marine transportation to a specific country based on their existing facilities.

Rodolfo Chavez, P.E.

EDUCATION

New Mexico State University, BS in Civil Engineering, 2015

CURRENT EMPLOYMENT & RESPONSIBILITIES

Sr. Consultant - WSP USA,
2005 to Present

As a member of the roadway design group in Phoenix, I am responsible for leading tasks for technical assignments on projects, proactively identifying technical issues and take actions to mitigate risk, and work towards developing solid client relationships.



PROFESSIONAL ORGANIZATIONS AND AWARDS

- American Society of Civil Engineers (ASCE)

PROFESSIONAL REGISTRATIONS AND STATES

- Professional Engineer, Arizona
- Professional Engineer, Texas

HOMETOWN AND SHORT BIOGRAPHY

I was born and raised in the valley of Las Cruces, New Mexico. I graduated from Gadsden High School and then went to Western New Mexico University. After one semester at WNMU, I decided to attend New Mexico State University. I pursued a degree in education to be a math teacher however, I eventually came to realize my real passion was in Civil Engineering. During my time in the Civil Engineering Department, I was selected to participate in the Pavement Inspection Internship and the Bridge Inspection Co-op. I graduated from NMSU in Fall of 2015 with my Bachelor of Science in Civil Engineering. After graduation, I was hired as a bridge inspector based out of Austin, Texas. After some time, I joined WSP as a roadway designer. Since joining WSP, I have been fortunate to work with a wide range of talented folks and on so many unique projects.

FAVORITE MEMORY OF NMSU

My favorite memory of NMSU was being surrounded by so many hard-working individuals who inspired me to be the best student I could be.

CAREER HIGHLIGHTS

Inspecting the tub girders at DFW airport, being a roadway designer on the DFW Connect 4 Design Build Project in the DFW metroplex and working on the I-10 Broadway Curve P3 DB project in Phoenix Arizona as a key member of the GEC are some of my biggest career highlights.

Andrew J. Giesler, P.E.

EDUCATION

New Mexico State University, BS Civil Engineering, 2012
New Mexico State University, MS Civil Engineering, 2014

CURRENT EMPLOYMENT & RESPONSIBILITIES

Design Engineer - Triad LLC, Los Alamos National Laboratory, 2020 to Present

As a project engineer, I facilitated the successful completion of engineering deliverables from conception through construction. I served as the leader/manager of the engineering team (mechanical, electrical, I&C, civil, structural, architectural, & fire protection) to ensure timely and well executed deliverables to meet the customer's needs. By providing coordination and communication between the various design disciplines and project management/customer/construction teams, I helped ensure that the project scope was properly addressed and the final deliverables and construction were complete and thorough.

Notable projects include the LANL Cellular Tower project, which sited/designed/built several LANL owned cellular towers across the campus to provide critical cellular reception to needed areas. The largest tower utilized a 140-ft. tall mast and was designed to Seismic Category D requirements, including a 7-ft. dia. x 22-ft. deep pier foundation. This was a design-build project that utilized a local pueblo-owned subcontractor who executed the design-build contract. Additionally, I served as the Project Engineer for the Otowi West Entrance Rehabilitation Project which installed two off-site-fabricated aluminum pedestrian bridges at the west side of the Otowi Building (badge office) to restore pedestrian access to the 2nd and 3rd floors.

PROFESSIONAL ORGANIZATIONS AND AWARDS

- Structural Engineers Association of New Mexico - Member

PROFESSIONAL REGISTRATIONS AND STATES

- Professional Engineer, New Mexico

HOMETOWN AND SHORT BIOGRAPHY

After completing my M.S. under advisor Dr. Brad Weldon at NMSU researching the commercial implementation of Ultra-High Performance Concrete (UHPC) in prestressed bridge girders, I began my career at Dekker/Perich/Sabatini (D/P/S), one of the top Architectural Engineering Firms in the Southwest. At D/P/S I cut my teeth learning from highly experienced architects and engineers, practicing in both the commercial and government sectors. Utilizing the experience I gained from D/P/S, I took a position at Los Alamos National Laboratories (LANL) as a Project Engineer, leading multi-discipline design teams to execute a wide array of projects across the Laboratory. More recently, I returned to a dedicated position in Structural Engineering at LANL, where I identified a need for experienced engineers as the Laboratory begins to execute billions of dollars in construction & infrastructure projects over the next few years. I currently live in Santa Fe, NM with my wife Liz and son Nolan.

FAVORITE MEMORY OF NMSU

My favorite memory at NMSU was being able to help design, build, test, and (be the first to) use the structural testing frame in the Structural Systems and Material Testing Laboratory (SSMTL). This was done as part of my graduate research on ultra-high performance concrete prestressed bridge girders under advisor Dr. Brad Weldon.

CAREER HIGHLIGHTS

The highlight of my career thus far was observing the construction and completion of the Idaho College of Osteopathic Medicine in Boise, ID., which I designed with Francis Catanach, PE, of D/P/S. The college is a 90,000+sf medical school that utilized a unique glass curtain wall system, 50-ft. glass façade, and a three-story interior suspended staircase.



Warren Maestas, E.I.

EDUCATION

New Mexico State University, MA Business Administration, 2011
New Mexico State University, BS Civil Engineering, 2017

CURRENT EMPLOYMENT & RESPONSIBILITIES

**Engineer – Structural, Los Alamos National Labs,
2019 to Present**

Collect the occupational, usage, process, safety, and other requirements for the structure, system and components design or analysis task, and prepare design concepts that meet the requirements using IBC, IEBC, ASCE 7, AISC and ACI.

Develop design details, design or analysis calculations, specifications, special inspections that incorporate the applicable design requirements, including nuclear safety requirements, as applicable.

Interface and coordinate with multiple engineering disciplines and the constituents during the development of the design to support owner needs and requirements.

PROFESSIONAL ORGANIZATIONS AND AWARDS

- Chi Epsilon Member
- NMSU Civil Engineering Senator
- Military Officers Association of America
- National Guard Association of the United States
- Army- Meritorious Service Medal
- Army Bronze Star Medal

PROFESSIONAL REGISTRATIONS AND STATES

- Engineer In Training, New Mexico

HOMETOWN AND SHORT BIOGRAPHY

I was born and raised in Espanola, NM. I graduated from Pojoaque High School in 2001. While in high school, I attended Basic Training in Fort Sill, Oklahoma. After High School, I attended NMMI where I received my Commission as an Officer in the Army Reserve. I attended NMSU after graduation from NMMI and received a BA in Criminal Justice. I went on Active Duty in the Army and attended the Infantry Officer Basic Course, served as an Instructor at White Sands Missile Range, and deployed to Iraq. In total, I have served in the Active Army, National Guard, and Army Reserve for 21 years. After coming off active Duty, I returned to NMSU and received my BS in Civil Engineering in 2017. I have had the opportunity to serve in multiple positions in the engineering field at Jaynes Corp, NMDOT, and LANL. I am married and have four children.

FAVORITE MEMORY OF NMSU

Serving as a College of Engineering Senator. I learned so much about what the students of NMSU do outside of the classroom and in their professional studies.

CAREER HIGHLIGHTS

In Engineering, I was able to develop a structure that was used to sustain blast loading for one of the sites here at LANL. A unique project that took a lot of collaboration.

In the Army, I recently was called to active Duty to assist with New Mexico's response to the COVID pandemic. We provided testing sites, transported food and test specimens across the state, and assisted the Governor in serving the people of NM.



Amy Martinez, E.I.

EDUCATION

New Mexico State University, BS Civil Engineering, 2018

CURRENT EMPLOYMENT & RESPONSIBILITIES

***Airport Design Engineer - Armstrong Consultants, Inc.,
2018 to Present***

As an Airport Design Engineer, I am training to become my own project manager for the various federally funded projects I am involved in. This includes the design phase, bidding the projects, and leading them through construction according to the project's scopes and specifications. This also involves preparing grant applications, cost estimates, and providing effective communication between the Federal Aviation Administration, the State, the Sponsor, and the Contractor to ensure a successful project outcome.



PROFESSIONAL ORGANIZATIONS AND AWARDS

- National Science Foundation Scholar 2017-2018

PROFESSIONAL REGISTRATIONS AND STATES

- Engineer In Training, New Mexico

HOMETOWN AND SHORT BIOGRAPHY

I am an Airport Design Engineer for a private consultant firm. My family is from Chihuahua, Mexico, although I was born in Kennewick, Washington along with my older sister. I am very passionate about developing my career and professional development through projects, networking, and learning from others. My hobbies on my downtime involve maintaining my health and fitness, as well as spending time with my loved ones, and taking care of my dog Rosie. Ever since I was young, I knew I wanted to be an Engineer. I have loved every challenge and opportunity my career has given me to this day.

FAVORITE MEMORY OF NMSU

One of my favorite memories of NMSU was being involved in a non-profit organization called Aggies Without Limits (AWL). One of my most memorable trips with them was when we went to build a 100-ft. steel truss bridge in El Potrero, Nicaragua, building the entire bridge by hand, with no access to electrical power in the mountain.

CAREER HIGHLIGHTS

One of my career highlights is currently in the works. I am working on a design for a complete full depth reconstruction of a Runway. This includes getting survey completed of the land, having a subsurface report completed by a geotechnical firm, and conducting an engineering investigation to determine the appropriate option for reconstruction.

Hayden Randall, E.I.



EDUCATION

New Mexico State University, BS Civil Engineering, MS Civil Engineering, 2007

CURRENT EMPLOYMENT & RESPONSIBILITIES

Staff II – Souder, Miller & Associates

January 2022 to Present

Staff II assists with projects by performing the duties related to the successful completion and delivery of a project. Assignments typically include a mixture of field and office duties, working on teams and independently. New and varied assignments may be made frequently requiring flexibility in travel, self-directed learning skills and heightened social interaction. Field assignments can be frequent and duration can extend beyond one week.

Other related responsibilities include: Applying prescribed techniques and procedures in accordance with established criteria to perform assigned tasks; collecting data and gathering information or documents; performing standard computations or analysis; preparing drawings and visual aids; perform occasional drafting and/or figure development using technical software as required; assist in client contact and communication pertaining to specific projects; assist in the development of scopes of work and cost estimates for projects; attend client meetings and complete field investigations; assist in the preparation or modification of various types of reports, specifications, plans, subcontractor schedules and permits.

PROFESSIONAL ORGANIZATIONS AND AWARDS

- American Society of Civil Engineers (ASCE), Student Member
- Chi Epsilon, Member and Former Chapter 66 President

PROFESSIONAL REGISTRATIONS AND STATES

- Engineer Intern, New Mexico

HOMETOWN AND SHORT BIOGRAPHY

Taos, NM. Hayden Randall is a Water Resources Staff Engineer I/II at Souder, Miller & Associates in Las Cruces, NM. Hayden is in the final steps of completing his thesis for his MSCE – Water Resources Concentration and Applied Statistics minor at New Mexico State University (NMSU). Growing up, Hayden raised livestock and was very involved in the agricultural community of Taos, NM. Hayden merged his passions for agriculture and making the best better by pursuing his Bachelor of Science in Civil Engineering degree at NMSU, with a minor in Agricultural Engineering. Hayden's research centers around streamflow prediction of the Rio Grande using artificial intelligence techniques. Hayden is devoted to increasing the abilities and opportunities of STEM students, having worked with NM Alliance for Minority Participation. Additionally, Hayden has developed a strong professional network through his work in the Civil Engineering Department with the Academy. Hayden is excited to join the workforce and develop water infrastructure in rural communities.

FAVORITE MEMORY OF NMSU

From football games with the department head to golf cart rides with faculty, Hayden's favorite memory is taking his dog, Chip, to the office on Halloween. Chip had a bull rider and Hayden dressed up as a rodeo clown.

CAREER HIGHLIGHTS

I have thoroughly enjoyed serving as a peer mentor in many capacities and connecting with Civil Engineering Alumni through Academy events.

Ruben Solis, P.E.

EDUCATION

New Mexico State University, MS Civil Engineering, 2007
Universidad Autonoma de Ciudad Juarez, BS Civil Engineering, 2001

CURRENT EMPLOYMENT & RESPONSIBILITIES

Office Manager/Principal - Terracon
2007 to Present



Mr. Solis serves as Office Manager in the El Paso and Las Cruces offices. He has over 18 years of experience providing supervision, geotechnical engineering analysis, and recommendations for projects across Texas and New Mexico. Responsibilities include overseeing and supervising growth and development of the several Departments in Texas and New Mexico. His experience includes developing geotechnical field programs, coordinating in the implementation of boring and test pit programs, developing laboratory testing programs, evaluating laboratory and field data. In addition, he is involved in preparing proposals, managing project budgets, and reviewing geotechnical engineering reports and recommendations, including recommendations for design and construction for site grading, foundations, and pavements. Foundation types he has addressed include drilled piers, spread footings, mat foundations, ACIP piles, drilled, straight-shafts, and monolithic slab-on-grade and post-tensioned foundation systems.

Ruben has been involved in geotechnical projects that include commercial low-rise to high-rise buildings, office/warehouse complexes, water and wastewater treatment facilities, elevated water towers, multi-family apartment complexes, retail centers, communication towers, churches, mid-rise condominiums, federal maintenance facilities, and hospitals. In addition, he directs and assists staff engineers in the development of geotechnical recommendations and contributes to the engineering and management support for construction materials engineering and testing projects.

PROFESSIONAL ORGANIZATIONS AND AWARDS

- American Society of Civil Engineers (ASCE)
- Deep Foundations Institute (DFI)
- American Council of Engineering Companies (ACEC)
- American Concrete Institute (ACI)
- American Institute of Architects (AIA)
- Geo-Institute

PROFESSIONAL REGISTRATIONS AND STATES

- Professional Engineer, Texas

HOMETOWN AND SHORT BIOGRAPHY

I grew up in the border region of El Paso and Ciudad Juarez with a multicultural and rich environment. I was fully dedicated to school and sports throughout most of my youth and college years. I travelled through Mexico and Texas playing baseball. I joined Sunbelt Laboratories before graduation and served as a materials testing technician for about 3 years before joining Wood, where he served as a materials testing technician and field engineer for 5 years.

I entered graduate school at NMSU to further learn about my other passion, Geotechnical Engineering. In 2007, I was recruited by Terracon Consultants in Houston as a project manager in the Geotechnical Department where I spent the next 12 years and serviced projects in east Texas. In late 2019, I moved to the El Paso/Las Cruces region to support Terracon as an office manager. I am married to Ana Solis and together have two kids, Ruben and Camila.

FAVORITE MEMORY OF NMSU

Collaborating with students from other parts of the world. Also, completing my homework under the big tree of the green field on Horseshoe Street on the NMSU campus.

CAREER HIGHLIGHTS

Completion of geotechnical evaluations and recommendations for several high-rise buildings in Texas.