



**DEPARTMENT OF THE AIR FORCE
502D AIR BASE WING
JOINT BASE SAN ANTONIO**



MEMORANDUM FOR MR. MIKE MORATH, COMMISSIONER, TEXAS EDUCATION
AGENCY

FROM: 502 ABW/CC
2080 Wilson Way
JBSA-Ft Sam Houston TX 78234-2362

SUBJECT: Reappointment of Mrs. Jere M. Pace and Mr. John A. Sheehan plus Appointment of Mr.
Zachary S. Dean to the Lackland Independent School District (LAKISD) Board of Trustees

1. Please consider this my formal request to reappoint Mrs. Jere M. Pace and Mr. John A. Sheehan, and appoint Mr. Zachary S. Dean to the LAKISD Board of Trustees. Enclosed are their resumes, as required by Texas Administrative Code Section 61.2a (1), along with their signed statement expressing their willingness to accept the appointments and serve in full adherence to the established state standards for school board members.
2. Ms. Jere M. Pace and Mr. John A. Sheehan are eligible for reappointment and Mr. Zachary S. Dean is eligible for appointment under the general school laws of Texas and lives or works on Joint Base San Antonio-Lackland. The nominees are highly qualified and would be in full compliance with the provisions of the Texas Education Code 11.352. Every avenue was used to reach the widest possible applicant pool with 5 candidates submitting packages. The membership composition of the board of trustees is in compliance with the provisions of the Texas Education Code 11.352.
3. I recognize the power of the Board of Trustees to govern and manage the operations of the LAKISD and recognize that my role as the commanding officer of the 502d Air Base Wing, in the process for appointing the Board of Trustees, is limited to the duty defined by statute.
4. Thank you for your support of our school district. If you have any questions, please contact Ms. Sherrie Walker at (210) 671-8388 or sherrie.walker@us.af.mil.

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RANDY P. OAKLAND
Brigadier General, USAF
Commander

3 Attachments:

1. Mrs. Jere M. Pace, Eligibility Statement and Resume
2. Mr. John A. Sheehan, Eligibility Statement and Resume
3. Mr. Zachary S. Dean, Eligibility Statement and Resume



Joint Base San Antonio Statement of Eligibility

Applicant Full Name: Jere Madeline Pace

Residential Address: 7914 Milton Favor, San Antonio TX 78254

Physical Address of Employer: 102 Hall Blvd, Suite 119, Joint Base San Antonio-Lackland,
TX 78243

Board of Trustees Location Applying For: Lackland Independent School District

I hereby make a formal application for the above indicated Board of Trustees. In doing so, I confirm that:

- I am qualified under the general school laws of Texas and live or am employed on JBSA.
- I attest the contents of my resume.
- I am a qualified voter.
- I willingly accept the appointment to the Board of Trustees and will serve in this capacity with full adherence to the state established standards on the duties and responsibilities of school board members.

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Signature of Applicant

17 Apr 25

Date

Jere Madeline Pace
Printed Name of Applicant

***Digital Signatures are authorized. If using a wet signature, please sign, date and print legibly.
Form must be completed prior to setting up your interview with the selection board.***

Jere M. Pace

7914 Milton Favor, San Antonio, TX 78254

Office: COMM (210) 977-6092, DSN 969-6092; Home: (210) 589-3566

Work E-mail: jere.pace.1@us.af.mil; Home E-mail: jerelazard@yahoo.com

**Manpower & Personnel Professional / Leadership & Execution / Strategic Development /
Program Management / Organizational Design / Continuous Improvement/ Total Force Integration**

PROFILE

Strategic, results-oriented manpower and personnel professional with 23 years of experience. Proven leader with the ability to identify and capitalize on individual strengths, motivate teams, and implement visions to achieve desired goals. Core competencies include:

**Leading People
Leading Change
Personnel Management**

**Delivering Results
Senior Leader Management
Cross-functional Engagement**

**Building Coalitions
Managing AF & Intel Funding
Budget Management**

CURRENT POSITION

Chief, Manpower and Reserve Affairs Division, GG-0343-14

September 2021 to Present

Employer: Headquarters 16th Air Force (Air Forces Cyber), Directorate of Manpower and Personnel (A1)

102 Hall Blvd, Suite 119, San Antonio, TX 78243

Supervisor: Lt Col Richelle N.J. Hill, COMM (210) 977-3511 or DSN 969-3511, may be contacted

Serves as the Air Force Service Cryptologic Element (AF/SCE), Intelligence Community (IC) and Air Forces Cyber (AFCYBER) expert in manpower requirements management and reserve affairs to include requirements development, measurement, validation, and utilization. Represents 16 AF in meetings and negotiations with senior decisions makers and planners from other MAJCOMs, Air Staff, Combatant Commands, DoD, National Security Agency (NSA), Defense Intelligence Agency (DIA), National Reconnaissance Office (NRO), National Geospatial Intelligence Agency (NGA), other governmental agencies, and congressional staff members. Oversees 16 AF's Servicing Manpower Office (organization, resources and requirements capability, etc.) responsible for supporting the NAF's global staff and enterprise comprised of >49K Total Force billets (e.g., Regular Air Force (RegAF), Reserve, Guard, Civilian (CES, DCIPS and GS), and Contractors). Leverages technical expertise to formulate recommendations for 16 AF Senior military (3 2, and 1-star General Officers) and civilian (Senior Executive Service) leadership's consideration and execution. Ensures the proper utilization of manpower resources funded by Air Force POM, Military Intelligence Program (MIP), Consolidated Cryptologic Program (CCP), General Defense Intelligence Program (GDIP) and the National Geospatial Program (NGP). Functional and central manager for 16 AF's Individual Mobilization Augmentee (IMA) program and manages all IMA manpower and assignment actions and tracks the status of IMAs assigned across the enterprise to ensure effective active force support in peacetime and mobilization readiness in wartime. Manages the NAF staff's diverse Military Personnel Appropriations (MPA) program and man-day programming process. Member of 16 AF/CA's Civilian Personnel Advisory Team, attending weekly meetings to develop COAs and business rules impacting NAF-wide civilian positions and personnel. Supervises a division comprised of 2 lower-graded Management Analysts (GG-13 and GG-12), a Reserve Affairs Specialist (GG-12) and a Personnelist (MSgt, IMA). Promotes a productive environment centered on clear, timely communication and trusted products and counsel.

***Notable: Served as Acting 16 AF/A1 Deputy Director from February 2022 to July 2022**

Key Accomplishments:

- Expertly built FOC UMDs for six 16 AF Directorates--vital in the normalization of the AF's first-ever Information Warfare (IW) NAF. Co-authored first of two 16 AF FOC OCRs; secured HAF approval ahead of schedule--ensured the proper organizational alignment of manpower and personnel based on 16 AF/CC direction.
- Flawlessly executed mission realignment involving 16 AF/A6, 616 OC, 616 ACOMS, and 690 ISS; authored OCR and actioned approved MCR impacting more than 150 funded billets--16 AF/CC vision realized.
- Lead 16 AF IMA Manpower Analyst; reviewed/processed MCRs approved by AFRC--led to immediate funding of 16G shortfalls in 16 AF/CS and 16 AF/A3.
- Analyzed NSA/CSS's proposal to establish new CSG operation; analysis and course of action accepted by 70 ISRW leadership--strengthened AF SCC partnership with key IC Partner
- Realigned scarce Lt Col grade from HQ 16 AF to IW enterprise; updated 690 ISS/CC billet from Maj to Lt Col--created commensurate leadership representation for a growing unit with expanded mission areas
- Defended 20 NSA-funded CIV billets targeted for reinvestment; analysis ID'd flaws in NSA's selection criteria--zero HQ impact.
- Expertly advised HQ ACC and Air Force Cryptologic Office on how to implement the 2022 Joint Duty Assignment Listing (JDAL) Revalidation and Certification Board Results; ensured results did not adversely impact incumbents and inbound officers.
- Analyzed and commented on numerous manpower proposals impacting over 200 organizations NAF wide; resulted in strong partnerships with mission and support program managers.
- Manpower resources expertise. Guided/directed HQ manpower document review to re-baseline for accuracy.
- Led manpower billet review. Reallocated to address emerging leadership high priority mission requirements.
- Oversaw multiple reorganizations of HQ 16 AF (AFCYBER) and subordinate units. Aligned HQ structure and manning with current mission requirements.
- Routinely interpret AF, Joint Staff, OSD, and NSA policies and business rules. Provided subordinate units direction and ensures compliance.
- Quickly actioned all civilian billet vacancies in 16 AF/A1M. All recruitment and hiring actions completed in less than 45 days.
- Optimized use of resources. Led reorganization of 616th Operations Center. Streamlined the organization by flattening the organization structure creating clearer lines of control and communication. Improved production and morale.
- A1M team reviewed and coordinated on 200+ Local Coordination Sheets for civilian hiring actions--ensured all billets and organizational details were correct ahead of release to AFPC.
- With NAF Staff Unit Reserve Coordinator role assigned to A1M, ensured the 2-member team provided superior support to 100+ ARC personnel assigned CONUS and OCONUS units.
- As Health Protection Condition (HPCON) levels in the JBSA-Lackland area improved, leaned forward, and established a predictable blended in-person/telework schedule for A1M that allowed personnel to manage personal and professional obligations.
- Established Division-level battle rhyme events to synchronize the manpower and reserve affairs teams; created a collaborative environment between two distinct teams--yielded tangible gains in the handling of IMA-related manpower and personnel actions.
- Ensured all A1M civilians created or updated their Individual Development Plans; encouraged members to identify short and long-term development/training opportunities.
- Provided subordinate/workforce oversight—team, supervise, mentor, and provide feedback. Rate, approve timekeeping, leave, overtime, and recommend/approve monetary and time-off awards.
- Routinely created briefings, information papers, etc. for internal and external General Officer/Flag Officer consumption. Effective speaker and careful listener. Routinely discussed/briefed issues at the 1, 2, 3, and 4-star and SES level.

OTHER PROFESSIONAL EXPERIENCE

Individual Mobilization Augmentee (IMA) to 16th Air Force Section Commander

May 2020 to Present

Employers: HQ 16th Air Force (Air Forces Cyber) and Air Force Reserves (assigned to RIO Det 6)

Rank & AFSC: Capt, 038F4 (Force Support Officer)

Supervisor: Maj Jalcesa T. Tachic, DSN: 969-6889/COMM: (210) 977-6889, may be contacted

Serves as IMA to Numbered Air Force (NAF) Section Commander. Strategic advisor to the NAF Commander on any personnel-related tasks, policies, and/or procedure in accordance with Air Force Instruction 1-2, and assist the NAF Commander in improve the unit and complete the mission responsibilities. Provides oversight to CSS personnel and ensures the execution of daily operations to include unit personnel and other commander directed programs.

Senior Manpower Analyst, GG-0343-13

December 2013 to September 2021

Employer: HQ 16th Air Force (Air Forces Cyber), Directorate of Manpower and Personnel (A1)

102 Hall Blvd, Suite 249, San Antonio, TX 78243

Supervisor: Mr. Renato Queza (retired)

Served as the Air Force Service Cryptologic Component (AF/SCC) senior advisor regarding manpower requirements and organization management. When required, served as 16 AF Manpower and Reserve Affairs Division Chief, and oversaw the Division's functions and staff. The lead manpower expert on requirements management to include requirements development, measurement, validation, and utilization. Utilizes Air Force and commercial qualitative and quantitative techniques to apply principles, concepts, methodologies, and procedures of managing manpower resources, requirements, and organizational constructs. Conducted commander-directed manpower assessments to ensure the most efficient and effective utilization of scarce manpower resources. Formulated recommendations on manpower requirements processes, manpower utilization, and manpower programmatics for the IC, ACC, other MAJCOMs, and 16 AF Staff and subordinate units. Represented 16 AF/A1 while attending high-level planning and decision meetings held locally, at designated locations, or via secure video teleconferences. Tracked changes to >49K Total Force enterprise comprised of military (e.g., RegAF, Reserve, and Guard), civilian, and contractor billets. Resolved a full range of complex manpower initiatives using knowledge of manpower policies and directives. Ensured all assigned MCRs and OCRs are completed in accordance with AF instructions and policies. 16 AF Reserve Affairs duties included IMA manpower change requests, Colonel and Chief billet and grade management, and MPA manpower requirements validations. Provided 16 AF with short term, skilled manpower when RegAF components were not available or insufficient. To complete queries, thoroughly researched and coordinated assigned special projects and taskers to meet designated commitments and suspenses. Delivered findings and recommendations to taskers by formulating reports, position papers, and briefings. Organized, built, and leveraged organizationally appropriate collaborative networks of coworkers, peers, customers, stakeholders, and teams within organizations across the Air Force and Defense Intelligence Components. Trained and advised functional area managers and program managers on UMD management, manpower policies, and functions. Maintained a working knowledge of personnel management, EEO, safety, and security regulations, practices, and procedures. Coordinated on resolution of AFPOM, MIP, and NIP manpower issues and initiatives. Enabled 16 AF/A1's mission to deliver Manpower and Personnel services to organize, train, and equip global 16 AF Airmen across nine wings and two centers.

Lead Consolidated Cryptologic Program (CCP) Manpower Analyst, GG-343-12, June 2011 to December 2013
Employer: HQ AF Intelligence, Surveillance, and Reconnaissance Agency (AFISRA), Directorate of Manpower and Personnel (A1)
248 Kirknewton, Suite 317, San Antonio, TX 78243
Supervisor: Mr. Renato Queza (Retired)

NCOIC, Requirements Branch, MSgt/3F371, March 2008 to June 2011
Employer: HQ AF Intelligence, Surveillance, and Reconnaissance Agency (AFISRA), Directorate of Manpower and Personnel (A1)
248 Kirknewton, Suite 317, San Antonio, TX 78243
Supervisor: Mr. Renato Queza (Retired)

SECURITY CLEARANCE: TS/SCI with current Counterintelligence (CI) Polygraph

EDUCATION:

Webster University, June 2017
M.A. Degree. Management and Leadership

Park University, October 2012
B.S. Degree, Human Resource Management

Community College of the Air Force, April 2008 Associate
Degree. Human Resource Management

PROFESSIONAL MILITARY EDUCATION/TRAINING:

- Initial Force Support Officer Course (IFSOC), 335th Training Squadron, 8 weeks, Feb 2021
- Total Force Officer Training (Commissioning Program), 12 weeks, Commissioned 22 May 2020
- Air Command and Staff College (ACSC) Distance Learning (DL) 6.0., 249 hrs, May 2019

PROFESSIONAL MEMBERSHIPS:

- Rotary Club of San Antonio Mission Trail, 2010 to Present
- Board Secretary, Lackland ISD (LISD) Board of Trustees, 14 Jun 2019 to Present
- Charter President, LISD Education Foundation, June 2020 to Present
- Alumni Association, Leadership Federal Executive Board (FEB), Class of 2018



Joint Base San Antonio Statement of Eligibility

Applicant Full Name: John A. Sheehan

Residential Address: 333 Sweet Rose

Castroville

TX

78009

Physical Address of Employer: AFIMSC, 3515 S. Gen McM

JBSA-Lackland, TX

JBSA-Lack 78226

Board of Trustees Location Applying For: Lackland ISD

I hereby make a formal application for the above indicated Board of Trustees. In doing so, I confirm that:

- I am qualified under the general school laws of Texas and live or am employed on JBSA.
- I attest the contents of my resume.
- I am a qualified voter.
- I willingly accept the appointment to the Board of Trustees and will serve in this capacity with full adherence to the state established standards on the duties and responsibilities of school board members.

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Signature of Applicant

John A. Sheehan

Printed Name of Applicant

17 Apr 25

Date

Digital Signatures are authorized. If using a wet signature, please sign, date and print legibly. Form must be completed prior to setting up your interview with the selection board.

JOHN A. SHEEHAN JR.

Joint Base San Antonio – Lackland, Texas

(302) 222-7309 | john.a.sheehan.25@gmail.com | www.linkedin.com/in/johnsheehan25

OBJECTIVE: Seeking a term on the Lackland Independent School District Board of Trustees.

Energetic leader with 25 years of experience managing cross-functional programs in diverse environments. Adept at building strong relationships with a proven record of achieving key objectives and mitigating risks through strategic thinking, focused planning and execution, and effective team deployment. Accomplished mentor and coach who has built high performance cross-functional teams overcoming functional stovepipes to achieve project or program goals.

Leadership | Program/Project Management | Requirement Development | Strategic Planning
Change Management | Problem Solving | Communication | Process Improvement

PROFESSIONAL EXPERIENCE

DEPARTMENT of the AIR FORCE, April 2021 – Current

Capability Portfolio Manager, Jan 2024 – Current

- Serves as the sole Security Forces (SF) technical and policy advisor to the Integrated Base Defense Security Systems (IBDSS) Lead Command System OPR; apply extensive knowledge and experience of DoD and AF security policies to ensure legal and regulatory requirements and customer requirements are met, while ensuring appropriate internal and external stakeholders are effectively integrated, and program cost, schedule, and performance objectives are defined.
- Routinely engages Senior Leaders and Program Managers from higher HQ, MAJCOMs, and Functional Centers to overcome organizational barriers and implement controls for requirements development and acquisition processes to support life-cycle management of a \$730M portfolio.

Protection Service Integration Program Manager, Jan 2023 – Jan 2024

- Managed the integration of SF equities, such as, Land Mobile Radio Refresh, Command & Control systems, Utility Small Un-Manned Aircraft Systems, Integrated Base Defense Security Systems, and emerging technologies, where cross-functional impacts occur with Communications, Civil Engineer, Emergency Management, Explosive Ordnance Disposal, and Fire & Emergency Services.
- Developed risk-based analysis and Courses of Action (COAs) for SF equities across the AF enterprise that inform Planning, Programming, and Budgeting decisions in support of the FY2025-2029 FYDP, ~\$1.7B per year.
- Integrated and analyzed data from multi-functional program management sources to provide COA recommendations with indirect or direct impacts to installation Integrated Defense decision spaces informing Small Arms Working Group, I-WEPTAC Mission Assurance Working Groups, and SF Integrated Leadership Team.

Security Forces (SF) AFIS Program Manager, April 2021 – December 2022

JOHN A. SHEEHAN JR.

Joint Base San Antonio – Lackland, Texas

(302) 222-7309 | john.a.sheehan.25@gmail.com | www.linkedin.com/in/johnsheehan25

- Managed the SF Air Force Inspection System program and supported the continual evaluation process of Antiterrorism (AT) Program Implementation, Integrated Defense, Integrated Defense Planning, Physical Security of Sensitive Conventional AA&E, Installation Perimeter Access Control, Law & Order Operations, DAF Corrections Systems, Arming Use of Force by AF personnel, Security Forces Standards and Procedures, Military Working Dog Program, USAF SA/LW Handling Procedures, SF Training & Standardization Evaluation, Combat Arms Program, and USAF SA/LW Qualification Program.
- Performed risk analysis of all SF programs for 125 SF units semi-annually and provided monthly reports/feedback to SF commanders and MAJCOM/FIELDCOM SF staff of the findings, strengths, and overall performance. Advised SF Commanders and Senior Enlisted Leaders across 1 FIELDCOM, 8 MAJCOMs, and 2 DRUs of 23 SF enterprise-wide findings and course of actions to mitigate deficiencies, a 50% reduction from previous year.
- Developed a report for 125 units of 14 SF programs resulting in the management of 41.5K data points. Analyzed data points to produce metrics identifying trends of leading and lagging performance indicators for the SF enterprise to inform senior leaders planning, programming, and budgeting decisions and the health of the SF enterprise; as well as areas to improve/streamline policy development, and recommended COA to AFIMSC leaders and program managers.

U.S. GOVERNMENT CONTRACTOR, October 2019 – February 2021

Defense Consulting Services: Force Protection Business Consultant, June 2020 – February 2021

- Provided higher headquarter strategy, governance, and future planning synchronization and integration within AFSFC lines of effort, objectives and processes. Supported the continual development and planning of the AFSFC Campaign Plan and execution of metrics development and analytics that informed AFSFC leadership planning, programming, and budgeting decisions.
- Utilized knowledge of Security Forces programs to analyze, articulate and advise capability improvements across the Integrated Defense portfolio to include: Operational Risk Management pertaining to security of installation PL resources, planning security operations, deviation program, conducting training and exercises, installation and internal control procedures, Security Forces supporting equipment requirements, installation security program facilities, intrusion detection systems, and standards for various ID programs such as Arms, Ammunition and Explosive storage facilities, airfield and mission support aircraft criteria, and other resources.
- Provided Security Forces (unit, HQ AFIMSC, AF/A4S, MAJCOM A4S) innovation integration through representation and advocacy by engagement in AF-level innovation efforts supporting HAF/A4S, AFMC, and AFIMSC initiatives.
- Consulted as an Integrated Defense SME, analyzed Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) activities for opportunities to implement enterprise-wide

JOHN A. SHEEHAN JR.

Joint Base San Antonio – Lackland, Texas

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solutions for Integrated Base Defense Security Systems, Installation Perimeter Access Control, Military Working Dog, and Counter-small Unmanned Aircraft Systems.

Cherokee Federal: Action Officer, Combat Arms and Munitions, October 2019 – June 2020

- Managed USAF Small Arms Range Program, monitored 217 small arms ranges across the Installation and Mission Support (I&MS) enterprise. Utilized metric/statistical analysis to prepare data and briefings for the Small Arms Working Group/Board informing HAF, AF Installation and Mission Support Center (AFIMSC), AF Civil Engineer Center (AFCEC) and AF Security Forces Center (AFSFC) senior leaders to make key decision on investing, divesting and community partnering small arms ranges.
- Consulted as a Combat Arms SME, reviewed six SF Small Arms/Light Weapon discharge incidents in support of SF Lesson Learned. Analyzed trends and employed interpersonal work relationships to recommend policy and training changes to improve mission effectiveness and close performance gaps.

UNITED STATES AIR FORCE, September 1999 – October 2019

Training Program Manager, October 2017 – October 2019

- Managed 11K training seats and \$19.25M training budget; analyzed and distributed seats to over 120 local/global departments supporting 70K employees across 24 career fields ensuring 103% utilization rate.

Career Field Deployment Program Analyst, April 2017 – October 2017

- Analyzed FY19 Agile Combat Support review; identified 533 unsourced requirements for 3K employees verifying 100% accuracy for 77 departments to support global operations and special mission taskings.

Publication Program Manager, August 2015 – April 2017

- Managed the initial genesis of Security Forces installation health metrics development; identified five critical areas to analyze affording senior leaders an accurate assessment of 77 departments to make risk-based decisions shaping \$96M in base operating support requirements.

Policy Senior Analyst, August 2014 – August 2015

- Oversaw three publications' revisions directing Air Force weapons qualifications and maintenance policies for fourteen weapon systems serving 500K employees annually. Analyzed and identified 2,800 compliance statements and reduced redundancies by 81%.

Front-Line Supervisor and Weapons Instructor, July 2013 – August 2014

- Led a seven-employee shop providing weapons training/qualification on six weapons systems for 1K personnel annually and managed an ammo and weapon \$1.7M account. Managed 23 programs in coordination with Civil Engineer, Ground Safety, and Bio-Environmental; oversaw inspections of 130K weapons, identifying 297 deficiencies ensuring only operational weapons deployed.

JOHN A. SHEEHAN JR.

Joint Base San Antonio – Lackland, Texas

(302) 222-7309 | John.a.sheehan.25@gmail.com | www.linkedin.com/in/johnsheehan25

Law Enforcement Team Chief, May 2011 – July 2013

- Led 73 employee team securing \$3.2B in DoD assets; oversaw security and law enforcement operations providing immediate response for over 500 incidents annually. Managed section training program certifying 73 employees with a 92% overall average score.

Threat Analyst, April 2010 – May 2011

- Analyzed security requirements for over 300 missions a week, adjudicated 2K overseas airfield assessments annually, and brief 34 airfield assessments to threat working group principals. Tasked aircraft security teams to support over 1K global mission and 5K sorties with zero security incidents.

Integrated Defense Security System Program Manager, June 2009 – April 2010

- Managed headquarters security equipment database tracking five departments' force protection capabilities; oversaw critical author Vindicator security system documents shaping memorandum of agreement supporting three security enhancement and force protection projects.

EDUCATION and TRAINING

Masters of Science, Organizational Development and Leadership, University of Incarnate Word, 2020

Bachelor of Arts, Education Studies, Ashford University, 2016 (Cum Laude)

Associates Applied Science, Criminal Justice Community College of the Air Force-Air University, 2004

Leader Development Course, Air University, 2025

Requirements Management, Level B, Defense Acquisition University, 2024

Lean Six Sigma Green Belt Certification, Advance Innovation Group Pro Excellence, 2022

Professional Manager Certification, Community College of the Air Force-Air University, 2017

LACKLAND INDEPENDENT SCHOOL DISTRICT INVOLVEMENT

Board of Trustees Member, July 2021 – Current

Student Health Advisory Committee Co-Chair, August 2020 – May 2021

Student Health Advisory Committee Member, August 2019 – August 2020

District Education Improvement Committee Member, August 2018 – May 2019

Parent, Teacher, Student Organization Member, August 2016 – August 2017



Joint Base San Antonio Statement of Eligibility

Applicant Full Name: Zachary S. Dean, P.E.

Residential Address: 314 Orchard Willow

San Antonio,

Texas

78245

Physical Address of Employer: 3515 S. General McMullen

San Antonio TX 78226

San Antonio

Board of Trustees Location Applying For: JBASA-Lackland

I hereby make a formal application for the above indicated Board of Trustees. In doing so, I confirm that:

- I am qualified under the general school laws of Texas and live or am employed on JBASA.
- I attest the contents of my resume.
- I am a qualified voter.
- I willingly accept the appointment to the Board of Trustees and will serve in this capacity with full adherence to the state established standards on the duties and responsibilities of school board members.

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Signature of Applicant

Date

Zachary S. Dean, P.E.

Printed Name of Applicant

***Digital Signatures are authorized. If using a wet signature, please sign, date and print legibly.
Form must be completed prior to setting up your interview with the selection board.***

ZACHARY S. DEAN, TEXAS P.E. #130330

314 Orchard Willow, San Antonio, Texas 78245 | Cell: (210) 464-3313 | zacharydean14@yahoo.com

PROFESSIONAL OBJECTIVE

To serve as a Licensed Professional Engineer, providing engineering, supervision, planning, programming, design, asset management, program management, and project management for the United States Government.

EDUCATION

TEXAS A&M UNIVERSITY - KINGSVILLE (TAMUK)

MASTER OF SCIENCE

DECEMBER 2017

- Major: Civil Engineering with a concentration in Structural Engineering
- Awarded DoD SMART Scholarship for Service: United States Air Force Sponsor, JBSA-Lackland 502d CES
- Thesis Title: Deflection of a Concrete T-Beam with Prestressed and Non-Prestressed Fiber Reinforcing Polymers at Elevated Temperatures: Published in the "Recent Progress in Materials," Academic Journal

UNIVERSITY OF TEXAS AT SAN ANTONIO (UTSA)

BACHELOR OF SCIENCE

DECEMBER 2014

- Major: Civil Engineering with a concentration in Structural Engineering
- Graduated High School: John Jay Science and Engineering Academy (NISD), San Antonio, Texas

EXPERIENCE & WORK HISTORY

LOCATION: JOINT BASE SAN ANTONIO - AIR FORCE CIVIL ENGINEER CENTER/INSTALLATIONS

DIRECTORATE: PLANNING AND ANALYSIS BRANCH

TITLE: CIVIL ENGINEER, GS-0810-13

DATES: OCTOBER 2023 TO PRESENT

Supervisor: Major Christopher D. J. Post, AFCEC/CIPA, Branch Chief, Planning and Analysis Branch

- Team Member of a NEW Branch focused on Real Estate Development & Strategies: geared towards Air Force Plant Replacement Value (PRV) Divestment and Enhanced Use Leases (EUL). The Branch Leverages Building Condition & Facility Space Data to develop tableau tools to inform Leadership and Installations of opportunities. The goal of this branch is to generate Consolidation/Demolition (Cons/Demo) Requirements for the Air Force - helping to comply with OSD Utilization Rate Policy.

LOCATION: JOINT BASE SAN ANTONIO - AIR FORCE CIVIL ENGINEER CENTER/PLANNING &

INTEGRATION: REQUIREMENTS IDENTIFICATION BRANCH

TITLE: CIVIL ENGINEER, GS-0810-13

DATES: JULY 2020 TO SEPTEMBER 2023

Supervisor: Mr. Steven Howsmon, P.E., AFCEC/CPRI, Branch Chief, Requirements Identification Branch

- Enrolled in Air University, Maxwell AFB: Air Command and Staff College - Distance Learning
- Speaker for 2022 Planning & Programming (P&P) Workshop: I provided briefings for three presentations: Road from the Comprehensive Planning Platform (CPP) to the Planning Task Order (PTO), Requirements Identification, and Comprehensive Planning Platform Process. 500+ attendees including in-person and virtual audience. Conducted Question & Answer sessions, providing expert advice for enterprise-wide planning and programming of Air Force built infrastructure.

- Contributed to the By-Annual Asset Management Summit held in San Antonio, TX between AFCEC Planning & Integration, Asset Visibility, and AFIMSC Enterprise AMP Managers. High level briefings and discussion about Air Force Asset Management principles, Asset Management Training, and the Future of Asset Management for the Air Force. Provided and supported, cataloging of 30+ Built Infrastructure Dashboards and Tools to support the visualization of Air Force Built Infrastructure Data to include Geospatial (GI&S) Dashboards.
- Serves as leader for Comprehensive Planning Platform (CPP): including coordination of Planning Vector Check and Scope Vector Check (PVC & SVC) in the CPP to support 300+ Planning Actions across the Air Force Enterprise. I provided planning action preliminary review and bypass for \$5M+ Air Force built infrastructure requirement for 80+ Installations to include FSRM, UMMC and MILCON centralized funding programs. I provided CPP platform training to Installations and working alongside the Assets Management Team (AMT). Working with installations one-on-one from around the world to support planning and programming (P&P) of built infrastructure requirements. I reached out to support enterprise reviews to achieve a timely enterprise review and provide for less backlog in PVC & SVC. Enterprise review is coordinated between AFCEC/CP, AFCEC/CZ, AFCEC/CO, AFCEC/CF, AFIMSC/IZ. I hand delivered reports and conducting meetings to grow AFCEC's understanding of CPP. Author of Bullet Background Papers (BBPs) on the enterprise P&P requirements for AFCEC/CC staff visits. The Requirements Identification and Development Branch, AFCEC/CPR is dedicated to serve the Air Force and provided best practice for P&P requirement scoping, cost estimating, and scheduling. Resulting in an Air Force Civil Engineering Community that is lean, mean, and fit to fight on a power projection platform - resilient with an infrastructure mindset.
- Lead Civil Engineer serving with the Installation Planning Team (IPT) in developing a Logistics Readiness Squadron (LRS) Campus Plan. The 6th LRS, MacDill AFB facilities are dispersed across the installation. Building 500, Vehicle Maintenance is over 40 years old, inadequately sized to serve the Government Owned Vehicle (GOV) fleet and located away from other LRS functions and Leadership Headquarters, Building 49. The IPT analyzed available space to construct a new Vehicle Maintenance Facility, consolidate, and connect 6th LRS facilities. I provided built infrastructure data for Facilities and TNAP Assets (AMP) (Building Condition Index, BCI and Pavement Condition Index, PCI) including comparisons to the Component Replacement Value (CRV) and Plant Replacement Value (PRV) - supporting base community planning efforts. I supported in civil engineering solutions to site/flood plain built infrastructure criteria, UFC 3-201-01. I provided professional engineering support with the AFCEC's Reach Back Center on behalf of MacDill AFB to incorporate Air Force Infrastructure Policies. I introduced asset management principles with the application of PRV to CRV Ratios to inform civil engineering leadership for decision making of proposed course of action (COAs). I was a key member as a licensed engineer: identifying infrastructure constraints, P&P policy, and leveraging real property data.
- Planning and Integration Asset Management Team (AMT) member for JB-Andrews and JB-Anacostia-Bolling TDY. Provided Requirements Identification and Development Briefings as part of the AMT Visit: working with Community Planners, Programmers, and Requirements & Optimization Shop members. This TDY visit was to Train, Calibrate, and Validate Asset Management principles at the Civil Engineering Squadron level, between both the Operations and Engineering Flight.
- Enrolled in eLearning - Yellow Belt Training, Continued Process Improvement (CPI). Training is to provide Air Force total force military and civilian members with knowledge on Lean, Six Sigma, Theory of Constraints, facilitation techniques, and practical problem solving to facilitate CPI development and future Green/Black Belt certification. Completion September 2022, as well as active CPI Team member for Air Force Civil Engineering, Asset Management, Planning and Programming improvements.
- Coordinate with Planning Task Order (PTO), Program Manager for A-E Concept Charrette Reports (CCR) and Planning Charrette Reports (PCR) for \$5M Built Infrastructure Requirement for 80+ Installations to include FSRM and MILCON Funding Program. Expert with Requirement Identification, Development and Timelines to support: A-E Charrettes, Design-Bid-Build Requirements, Design-Build Requirements. Knowledgeable on standard charrette templates supporting installation planning and programming functions.
- Leader for gap analysis effort for Air Force Bridge Assets and Geospatial Integration. Mapping and Reconciliation effort for Real Property Authoritative Data (RPAD), Federal Highway Administration

(FHWA), and Air Force GeoBase Data. Encompassing asset location on 325+ Federally Reportable Bridge Assets in Air Force inventory. Great use of GI&S potential to support the Air Force Civil Engineering Community.

- Participated in Utilities Summit for Geospatial Data Requirements for Air Force Utilities Infrastructure. Workshop included key stakeholders for data and utility engineering requirements to support OSD Mandate for reconciliation Air Force Real Property Linear Asset Data to Air Force Geospatial Data. Forming partnerships between Engineers and GI&S Professionals in a collaborative setting supporting Air Force infrastructure.
- Delivered Immersion Briefings to NEW Requirements Identification Division & Branch Chiefs. Provide information and Knowledge of Requirements Identification and Development to NEW Leaders
- Served on weekly Sustainment Management System (SMS) Data Confidence Working Group as well collaboration meetings with the Comprehensive Planning Platform and Enterprise AMP Managers. Provided Engineering technical advice and support to improve Built Infrastructure Requirements Identification and Development for the United States Air Force.
- Requirements Identification & Development: Continued Process Improvement (CPI) Event. Participated and provided technical input in a cross-functional process improvement event on June 2021 to improve Air Force Comprehensive Asset Management Plan (AFCAMP) Business Rules, Programming Documentation and FSRM Project Validation processes with AFIMSC/IZ, AFCEC/CP, and AFCEC/CO. Results included reduction in manhours and documentation required for AFCAMP Annual Requirement Submissions.
- Gained knowledge in the Tactical Mission Dependency Index (T-MDI) Scenario for Utilities and TNAP Assets providing a risk-based metrics that links facilities and various assets to installation missions, adapting a true operational need. Resulted in a working GI&S Model displaying Asset Management principles that visualized risk to Air Force Linear Infrastructure.
- Participated in Technical Exchanges with Enterprise AMP Managers and Sub-AMP Managers for Air Force Built Infrastructure Assets. Provided Technical Engineering Support to Chief of Portfolio Optimization, Osan AB, South Korea for Airfield Pavements and TNAP Assets. Provided knowledge of Infrastructure Asset Management of Osan AB to Squadron Leadership.
- Acted as Approving Official for GPC cardholder purchases for approximately \$45K in supplies and technology equipment to support AFCEC/CP and AFCEC Geospatial Integration Office in FY21, FY22, and FY23. Supporting the Mighty Planning and Integration Directorate.

LOCATION: JOINT BASE SAN ANTONIO – 502D CIVIL ENGINEERING SQUADRON CES/CEOERL
TITLE: LEAD CIVIL ENGINEER GS-0810-12 (SUPERVISORY: LEADER)
DATES: OCTOBER 2018 TO JULY 2020

Supervisor: Ms. Erin Manning, 502d CES/CEOERL, Chief Operations Engineering

- Lead Engineer for technical requirements to support relocation and transport of a B-52 (Static Display) on JBSA Linear Built infrastructure. Including structural load evaluation of a prestressed/precast concrete structures and axil configuration of B-52 (90,000 Pounds). This B-52 static display was relocated to support a NEW \$100+ Million Airman Training Campus, MILCON. I was the Subject Matter Expert for this requirement.
- Lead Engineer for Airman Training Campus planning for haul routes including my coordination with the City of San Antonio and Local Government to gain Right of Way (ROW) Access to build \$100M+ MILCON Airman Training Campus to support Air Force Basic Military Training (BMT) and the 37th Training Wing.
- Authored the JBSA Comprehensive Traffic Engineering Study Requirements for JBSA-Lackland, Randolph, Sam Houston to support traffic engineering data at Entry Control Points (ECP/ACP), and future transportation planning & programming. Coordinated with Army Military Surface Deployment and Distribution Command - Transportation Engineering Agency (SDDCTEA). Resulted in better Transportation Infrastructure, and Traffic Safety on JBSA installations.

- Developed the construction and design requirements for JBSA infrastructure to including Transportation Networks and Airfield Pavements (TNAP). Requirements development based on AFI 32-1032 Planning and Programming Appropriated Fund Maintenance, Repair, and Construction Projects. Planning and Programming included projects for Architect-Engineer (A-E) Title I, II, and Other Engineering Services as well as Planning Charrette Report (PCR) per fiscal year. I provided elite professional engineering to the Premier Joint Base in the Department of Defense (DoD).
- Authored Project Scoring Worksheets (PSW) for JBSA TNAP Assets utilizing Asset Management Data, Pavement Condition Index and PACES Cost Estimation Modeling. Provide the Requirement Development Documentation for AFCAMP submission and project validation to gain centralized funding to support the Transportation Networks a JBSA. I have also preformed Multi-Activity Management PSW to support cross fictional built infrastructure requirements.
- Evaluated flexible and ridge pavement condition indexes (PCI) for the purpose of planning and programming infrastructure projects for the largest transportation network in the DoD. This work included road project for Inter-Governmental Service Agreement (IGSA). Scoped and awarded JBSA Bridge Safety Inspections including asset management requirements for Inventory and Condition/Structural Index/GI&S Data/Real Property Data. Resulting in safe and resilient Air Force infrastructure.
- Project Manager and Lead Civil Engineer for emergency requirements for bridge diaphragm repair including coordination of Right of Way Access on Texas Loop 13 (TxDOT). I provided the technical requirements and specifications for repair to the Truemper Street Bridge, JBSA- Lackland. Major built infrastructure emergency that was immediately corrected under my supervision and leadership as a Licensed Professional Engineer.
- Project Manager and Lead Civil Engineer for Emergency Requirement to repair Cross bracing at Skylark Aquatics Center. I provided the technical requirements to repair steel cable system providing lateral structural support of an indoor pool enclosure. Major Built Infrastructure Emergency that was immediately corrected under my supervision as a Licensed Professional Engineer. Resulted in structural sound facility for the Air Force Special Force Indoctrination Technical School for Pararescue, Combat Control, Survival, Evasion, Resistance, and Escape (SERE) Training. Supporting the 342nd Training Squadron and Technical School Pipeline.
- Participated in the JBSA Traffic Safety Working Group. Identifying transportation safety concerns and working with wing safety for Risk Assessment Codes (RAC). Report finds to JBSA Executive Agent and provide for engineering recommendations and solutions. Providing engineering requirement for Bridges and suicide prevention.
- Completed AFIT Course: WMGT SMS BUILDER Level 1, 2 & 3 (Data Manager Rights) to assist with Builder data input to support BCAMP program for JBSA.

LOCATION: JOINT BASE SAN ANTONIO – 502D CIVIL ENGINEERING SQUADRON CES/CENMP/CENML

TITLE: CIVIL ENGINEER PROJECT MANAGER, GS-0810-7/9/11

DATES: JANUARY 2015 TO SEPTEMBER 2018

Supervisor: Mr. Camilo Morales, R.A., 502d CES/CENMLZ, Chief Project Management Team Z.

- Project Manager for 250,000 Gallon Water Tower to support the JBSA-Chapman Annex. I awarded project for \$3.1M as a design-build though USACE-Huntsville. The design and construction qualified for Texas Commission on Environmental Quality (TCEQ) Permits under my engineering supervision. This infrastructure supported drinking water, firefighting, aquatic training tanks, and Air Force BMT/Technical school. This project eliminated Notice of Violation (NOV) with the State of Texas as well as increased water distribution utility reliability.
- Project Manager for JBSA Military Entry Control Point. (ECP) requirements. Design included geometric design of six Anti-Terrorism/Force Projection (AT/FP) compliant gates. \$1.5M in design requirements including plane survey, utility survey, and geotechnical investigations. I coordinated design with Operations and Engineering Flight, Craftsman (Shops), and Security Forces Group. This requirement

supported the “Year of the Defender” and our Security Forces Mission for the Air Force. Providing resilience to the installation from attack and upgrade to failing infrastructure.

- Project Manager and Civil Engineer for airfield pavement on Taxiway Kilo, JBSA-Lackland. I coordinated Entry Access List (EAL) with Airfield Management for night work on a 24-hour operated airfield, including restricted C-5 apron. Supported the 433rd Airlift Wing, 149th Air National Guard, and 502d Airfield Management to provide the best airfield pavements and pavement joint patterns in the Air Force. Reviewed contract submittals for mix design, geometrics, joint pattern, and materials testing.
- Coordinating Design with 12 FTW/MX Maintenance Squadron to support Corrosion Control and NEW Aircraft Paint Booth. This was a \$1M requirement. Design and Construction included Permitted Air Quality Requirements and TCEQ inspection of exhaust stacks. This requirement supported Aircraft Maintenance for Undergraduate and Graduate pilot training/pipeline for the Air Force.
- Project Manager for Telephone Maintenance Building to support 502d Communication Squadron. Project awarded for \$4.5M, Unspecified Minor Military Construction (UMMC) to USACE-FWD. Coordinated design, survey, fire flow testing. Design Review Comments in Design Review and Checking System (DrChecks). Resulting in a brand-new building for COMM Squadron Project Managers to operate.
- Developed the engineering requirements for the 16th Air Force Headquarters repair project at JBSA-Lackland, authored the statement of work regarding structural foundation design to support a critical Cyber Warfare mission. Gathered existing building construction documents (As-Builts) and geotechnical engineering data to interpret existing site conditions and recommend applicable engineering technologies to restore structural stability to the foundation. I supported a critical and sensitive Top-Secret SCI Mission for the United States Air Force.
- Acted as lead engineering designer for an 8,000 SF structural foundation to support a \$2M Exercise Science Unit Complex for the Air Force Personnel Center (AFPC) on JBSA-Randolph. Foundation supported dynamic loading and secondary mezzanine structure. Coordinated the foundation design with the lead architect and other engineering disciplines. Supporting Air Force Exercise Science to develop Airman and physical fitness requirements.
- Coordinated with AFCEC A-E Contractor for Deficiency Reporting/Surveying (Phase 1). This professional report identified the design/construction requirement for JBSA-Randolph, 502d Logistic Readiness Squadron: to include the Defense Logistics Agency planning and programming for Petroleum, Oil, and Lubricants (POL) Requirements. This requirement supported fuel tank upgrades and resulted in a more resilient 12th FTW mission increasing Undergraduate and Graduate pilot training/pipeline for the Air Force.
- Developed programming, planning, and project scope for the J85 Jet Engine Test Cell: including real property requirements for utilities, foundation, and fuel systems (POL) to support T-38 Aircraft Maintenance and future planning for the T-X Aircraft. I coordinated with the 502d Communications Squadron to develop a \$2.2M Independent Government Estimate (IGE) to relocate weather equipment and other real property utilities. I was the Subject Matter Expert for this requirement.
- Expertly developed engineering and construction requirements for a \$2.7M design-build upgrade to the Centralized Aircraft Start System, successfully increased the number of T-38C Aircraft sorties for the 12th Fighter Training Wing (FTW) and significantly increased the efficiency of the J85 Engine Maintenance. Providing for less utilization of Aerospace Ground Equipment (AGE) with centralized utility network supporting the Aircraft Maintainer. I awarded and provided bleed air for T-38C Aircraft to meet T-38C and J85 Technical Orders.
- I meticulously evaluated the design and construction submittals for the JBSA-Randolph Taxiway A/G/G1 projects in support of airfield pavement replacement efforts. I successfully awarded \$12M in construction and repair projects to airfield pavement assets. Evaluated project design submittals from the 35% through 100% phases. Resulting in the best airfield pavement and airfield drainage in the Air Force.
- Project Manager for T-1/T-6/T-38 Wash Rack: Requirements included Water Resource upgrades to support Aircraft Corrosion Control. Scope provided for Oil-Water Separator, Lift Station, Water softeners, Water Recycling, and other chemical storage. Permitted connections to the Sanitary Sewer and coordination with San Antonio River Authority (SARA). Fire Protection commissioning with JBSA Fire

Department with waterproof upgrades. Adding Real Property Installed Equipment (RPIE) to DD 1354. Published project in the Wingspread Newspaper, JBSA-Randolph. Supporting 12th FTW Aircraft Maintainer.

- Evaluated and researched engineering requirements to design and construct a concrete trim pad for the T-6 aircraft engine test center to support the 12th FTW Engine Maintenance. Managed the construction of the engine test pad to guarantee structural integrity. Relocated Compass Rose Instrument Testing Pad and provided recalibration for true north and magnetic north from a Texas Registered Professional Land Survey (RPLS). Supporting 12th FTW Aircraft Maintainer and Air Force Maintenance Resilience.

LOCATION: JOINT BASE SAN ANTONIO – LACKLAND, AIR FORCE CIVIL ENGINEER CENTER

TITLE: PATHWAYS CIVIL ENGINEER INTERN, GS-0899-04

DATES: JULY 2012 – DECEMBER 2014

Supervisor: Mr. Benjamin Kindt, P.E., AFCEC/CFTP, Branch Chief, Facilities Engineering, Technical Service Division.

- Completion of the Pathways Internship Program formally the Student Career Experience Program (SCEP). Meticulously evaluated, revised, and commented on Air Force Dynamic Prototype Facility Design Standards for Level One Confinement Facilities. I collaborated with the Architect of The Air Force, Subject Matter Expert. Successfully approved and published to the Whole Building Design Guide (Facilities Criteria), Entry Control Points, and Aircraft Engine Maintenance Facilities. Resulting in Professional A-E Guidance to the Air Force Civil Engineering and Contractor Community.
- Organized monitoring water well inventory database for the Environmental Restoration (TDV) Technical Division, Air Force Center for Engineering and the Environment (AFCEE). I linked inventory data to ground water contamination and plumes for water treatment and restoration. Data linked the Enterprise Environmental Safety & Occupational Health (EESOH-MIS) system to Environmental Resources Program Info Management System (ERPIMS). Resulting in data science and environmental recommendations for the Air Force Enterprise.

LOCATION: TEXAS DEPARTMENT OF TRANSPORTATION – BEXAR METRO ENGINEER AND MAINTENANCE FACILITY

TITLE: FIELD ENGINEER

DATES: JUNE TO AUGUST 2014

Supervisor: Mr. Arnold Ramirez, P.E., Texas Department of Transportation, Bexar County Metropolitan, Area Engineer

- Performed field engineering, quality control, and material testing for the structural bridge, and traffic configuration project at Fredericksburg Road and Medical Drive, the project sharply alleviated traffic congestion in the intersection and streamlined traffic access for emergency vehicles to the San Antonio Medical Center.
- Judiciously conducted concrete testing and material strength reporting for over 250 concrete cylinder samples for a \$15M structural bridge, including structural foundation elements for strength integrity. This supported engineering specifications for TxDOT.
- Inspected, observed, and documented all daily Contractor and construction activities, verified all cut & fill requirements to Designer of Record Engineering specifications for 50+ deep foundation drill shafts with an average depth of 50 feet into the strata. Engineering inspection and quantity verification of Steel Reinforcement. Supporting construction operations for a slide deck bridge.

LOCATION: JOINT BASE SAN ANTONIO – LACKLAND, 37th MISSION SUPPORT SQUADRON (SERVICES)

TITLE: RECREATION TECH (LIFEGUARD), GS-0189-02

DATES: MAY 2008 TO OCTOBER 2011

Supervisor: Mr. David Greene, Supervisor of Pools: JBSA-Lackland Aquatics

- Graduate of the Student Temporary Employment Program (STEP)
- American Red Cross – Lifeguarding/First Aid, CPR/AED for the Professional Rescuer
- Life/Safety oversite for Air Force Pilot Survival, Evasion, Resistance, and Escape (SERE) and Water Survival courses. Supporting 12th FTW and the 433rd Airlift Wing, 149th Air National Guard, and Undergraduate and Graduate pilot training/pipeline for the Air Force.
- Familiar with Air Force Special Force Indoctrination Technical School for Pararescue, Combat Control, Survival, Evasion, Resistance, and Escape (SERE) Training. Supporting the 342nd Training Squadron and Technical School Pipeline.
- Responsible as a swimming pool lifeguard to perform rescue work, promptly renders CPR or emergency first aid, and calls for medical assistance as necessary. Supervises swimmers for safety and crowd control. Enforces safety and pool regulations. Conduct registration of swimming lessons and cashier duties. Supporting outdoor recreation of JBSA MWR Functions.
- Responsible for vacuuming, skimming, and routine pool maintenance as well as outdoor recreation equipment cleanings. Responsible for operating water pumps and control chemical additives to ensure pool water meets specified standards. Perform disinfectant to showers, floors, and decks. Check I.D. cards for authorized patrons and collect usage fees. Submitted Base Civil Engineer Work Request (AF IMT form 332) for sustainment and repair to Aquatic Facilities.

ENGINEERING CERTIFICATIONS & LICENSURES

- Air Force Institute of Technology (AFIT): WENG 519 Installation Planning Principles, April 2024
- Civilian Development: Supervisor as leader (In-Residence, Maxwell AFB), March 2024
- Leadership Assessment Program Training (360 Leadership Assessment), Personal Development in Technical Management, November 2023
- Coaching and Mentoring for Excellence: Personal Development in Technical Management, August 2023
- Air Force Institute of Technology (AFIT): IPM 350 Industry Project Management, July 2023
- Air Force Institute of Technology (AFIT): WMGT 423, Project Programming, April 2023
- RENEWED - Contracting Officer Representative (QAPC Led) Training - Defense Acquisition University
- Government Purchase Card (GPC) Training on Defense Acquisition University, June 2021
- Pavement-Transportation Computer Assisted Structural Engineering (PCASE) Course November 2019
- Air Force Institute of Technology (AFIT): WENG 400 Cost Engineering Course, July 2019
- Federal Highway Administration (FHWA) Bridge Safety Inspection Online Course, December 2018
- Texas Board of Professional Engineers: Professional Engineer License #130330, 02 May 2018
- Contracting Officer's Representative (COR): Defense Acquisition University DAU CLC 106, 222, 206, DAU CLM 003, and QAPC Led Training, 2016
- Air Force Institute of Technology (AFIT): WENG 555, Airfield Pavement Construction Inspection, 2016
- Air Force Institute of Technology (AFIT): WMGT 421, Contracting for Civil Engineering, 2015
- Texas Board of Professional Engineers: Engineer-In-Training Certificate #51582, 29 January 2015

BOARDS & COMMITTEES

CITY OF SAN ANTONIO (COSA) – ZONING BOARD OF ADJUSTMENTS (ZBOA)
COSA DISTRICT 4 COMMISSIONER/OFFICER
MAY 2023 -MAY 2025 (2 YEAR TERM)

- Appointed by Dr. Adriana Rocha Garcia, Councilwomen District 4, City of San Antonio

- Board of Adjustment is comprised of 18 members: 11 are District Representatives
- Board of Adjustment (BOA) holds quasi-judicial public hearings to determine requests made by property owners in the City of San Antonio for special exceptions, variances and appeals of administrative interpretations or decisions, as authorized by state law and local ordinance.
- Serving as a member of the Board of Directors for the Kriewald Place Homeowners Association (HOA) Managed by Spectrum Association Management. Community Size of 815 Homes

**CANDIDATE - FORT SAM HOUSTON INDEPENDENT SCHOOL DISTRICT(FSHISD) BOARD OF TURSTEEES
JANUARY 2024 - JANUARY 2026 (2 YEAR TERM)**

SKILLS & ABILITIES

- Proficient in Texas Instruments and Casio devices, Auto CAD, Structural Software SAP 2000, Finite Element Modeling Software ANSYS, SolidWorks, Texas Department of Transportation Site Manager, Civil Engineering Squadron GeoBase (SharePoint), SharePoint, e4Clicks Estimation Software.
- Proficient with Department of Defense Information Systems such as Defense Enterprise Accounting Management System (DEAMS), Upward Obligation Adjustment (UOA) Requests (FMSuite) Obligation Adjustment Reporting System (OARS) Automated Civil Engineer System (ACES). Production of Statements of Works (SOW) in SpecsIntact Software for engineering acquisitions. A-E Design Review Comments in Design Review and Checking System (DrChecks).
- Proficient in Texas DoT and ACI concrete field-testing methods, such as: sampling, cylinders, beams, slump, reporting, geotechnical, and job-site mixtures evaluation. Skilled at steel reinforcement inspection, such as: development length of reinforcement, concrete cover, and pre-tensioned and post-tension reinforcement.
- Proficient with Civil Engineering NEXGEN IT (TRIRIGA): Submit Service Request and Requirement Work Tasks to support JBSA Asset Management for the Transportation Network and Airfield Pavement program. Bridge program requirements enter into NEXGEN IT.
- Experienced with industry engineering code, regulations, and applications:
 - DAFI 32-1015 Integrated Installation Planning
 - American Concrete Institute ACI 318-11, 318-14, 530 & 530.1
 - American Society for Testing and Materials (ASTM): Ridge and Flexible Pavement Condition Index
 - American Society of Civil Engineers 7-10
 - American Steel Construction Manual AISC 14th and 15th Edition
 - American Water Works Association AWWA for Domestic Water
 - DAFI 32-1020 Planning and Programming of Built Infrastructure Projects
 - International Building Code 2015
 - Military Surface Deployment and Distribution Command Transportation Engineering Agency (SDDCTEA) Panels, United States Army
 - National Design Specification for Wood NDS 2011, 2015
 - Precast & Prestressed Concrete Institute (PCI) Code
 - Texas Department of Transportation Standard Specification
 - Tops in Blue performance at Lackland Air Force Base, Texas
 - Unified Facilities Criteria 3-310-08 Non-Expeditionary Bridge Inspection, Maintenance and Repair. Federal Highway Administration (FHWA) Bridge Safety Inspection Regulation
 - United States Air Force Instruction (AFI) Civil Engineering, Wing Safety
 - Whole Building Design Guide: Unified Facilities Criteria (UFC), Unified Facilities Guide Spec (UFGS)

HONORS

- April 22, 2023 - AIR FORCE EXEMPLARY CIVILIAN SERVICE AWARD MEDAL
- July-September 2022 AFCEC Planning and Integration Directorate – Civilian of the Quarter
- January-March 2022 AFCEC Team Award Planning and Integration Directorate – Builder Data Confidence Team
- JBSA-Randolph 502d CES Black Knight Work Horse Award, 2015.
- Lackland Air Force Base, 802d Mission Support Group: Unsung Hero Award, 2010.
- Boy Scouts of America: Eagle Scout of Troop 100, Eagle Scout project consisted of re-establishing historical data for the oldest Lutheran Cemetery in San Antonio.

Other License and Certifications

- Texas - License to Carry Handgun (LTC) and Joint Base San Antonio – Firearm Concealed Carry
- Motorcycle Operator Training Course – Motorcycle Safety Foundation: Basic Riders Course, Texas Motorcycle Endorsement
- Texas Parks and Wildlife Department - Boater Education Certificate, Crt. #: 2013234
- Texas Parks and Wildlife Department - Hunter Education Certificate, Crt. #: 2019809
- Texas Parks and Wildlife Department - Bow Hunter Education Certificate, Crt. #: 2029621