Matthew R. Buehler
180 Southridge Drive, Reno, NV 89509
(702) 743-4735/(775) 413-0180 (Home/Cell)
mattsuebuehler@hotmail.com (E-mail)

Lt Col Matthew R. Buehler, USAF (Retired) was born on November 18, 1968 at the Naval Air Station at Patuxent River, MD. He is a 1987 graduate of Robert E. Lee High School in Springfield, VA, and was commissioned an Air Force Second Lieutenant in December 1992 through the Air Force Reserve Officer Training Corps, Detachment 025, at Arizona State University in Tempe, AZ. His father, a 1960 distinguished-graduate of the U.S. Naval Academy, served more than 27 years as a Navy fighter/test pilot. Lt Col Buehler spent his childhood following his father to assignments in Maryland, California, Virginia and New York, as well as overseas in Tehran, Iran. His two older brothers were also military officers. His oldest brother is a 1984 West Point graduate and former Army officer, while his other brother is a 1985 Naval Academy graduate and former officer in the United States Marine Corps. Together they have served over 58 years as active-duty commissioned officers in the four major branches of our Nation's military. While stationed in Las Vegas, NV during his third Air Force assignment, Lt Col Buehler met and married his wife, the former Ms. Susan Rebecca Dempsey of Simi Valley, CA.

EDUCATION

M.S. in Biology (Psychoneuroimmunology), University of Nevada, Reno, NV (2009)
M.B.A. (Information Systems), University of Nevada - Las Vegas, Las Vegas, NV (2004)
B.S.E. in Bioengineering (Chemical Engineering), Arizona State University, Tempe, AZ (1992)

Honor Society Memberships: Alpha Epsilon Delta, Beta Beta Beta, Biomedical Engineering Society, Golden Key National Honor Society, Tau Beta Pi Engineering Honor Society.

Computer Skills: MS Office Suite, MS Project, AutoCAD, Database Design/Management, Programming (BASIC, C++), PSpice, PeopleSoft HRMS, DARS.

Key Professional Knowledge, Skills and Abilities: Building and leading large teams; fostering effective working relationships; working in multi-cultural environments; customer service; supervising, mentoring and evaluating staff/subordinates; developing and managing multi-million dollar budgets; strategic planning for large, complex technical tasks using work breakdown structures and critical path scheduling; developing academic courses, course/lesson objectives and plans; teaching high school and college-level courses in STE(A)M; applying engineering and science principles to solve technical problems, test planning, data analysis and reporting; planning and organizing meetings; developing and delivering professional presentations; drafting and publishing technical reports.

PROFESSIONAL DEVELOPMENT AND TRAINING COURSES

- Air Force ROTC (AFROTC) Detachment Commander and Instructor Orientation
- USAFA Instructor Orientation
- Advanced Test and Evaluation
- National Registry (NR)/State of Virginia EMT-Basic
- Operations Research Methods
- Air Command and Staff College (Correspondence)
- Test and Evaluation Management
- Intermediate Systems Planning, Research, Development and Engineering
- Intermediate Test and Evaluation

- Intermediate Systems Acquisition
- Introduction to Acquisition Workforce Test and Evaluation
- Fundamentals of Systems Acquisition Management
- Net-Ready Key Performance Parameters
- Squadron Officer School (In-Residence)
- OSHA Standards
- Explosives Safety
- Hazardous Materials Handling
- AFROTC, Detachment 025, Arizona State University, Tempe, AZ (3.5-Year Engineering Scholarship Recipient)

CIVILIAN EMPLOYMENT

December 2015 – Present. Intermittent Test Administrator. Federal Civil Service, Sacramento, CA MEPS (Reno, NV).

- Administer/proctor ASVAB examination to high school students and prospective military enlistees in the Reno/Washoe County, NV area.

October 2015 – December 2015. Long-Term Substitute Physical Sciences Teacher, Demonte Ranch High School, Reno, NV.

- Instructor and mentor to approximately 75 sophomore-level students enrolled in Physical Sciences course during Fall 2015 term.
- Proctor for ACT and NV High School Competency examinations.

August 2014 – July 2015. Long-Term Substitute Math Teacher and Rifle Team Coach, North Valleys High School, Reno, NV.

- Instructor and mentor to 200+ freshman through senior-level students enrolled in Algebra I, Regular/Formal Geometry and Algebra II during Fall 2014, Spring 2015 and Summer 2015 terms.
- Proctor for ACT and NV High School Competency examinations.
- Coached and led school's rifle team in competition against other northern NV high schools.

ACTIVE-DUTY MILITARY CAREER (April 1994 – May 2014)

DoD Security Clearance: Top Secret (SBPR, 2011 04 20, with SCI eligibility – DCID 6/4)

DoD Certifications: Test & Evaluation (Level III), Science, Planning, Research, Development & Engineering (Level II), Program Management (Level I), Scientist (Level I)

June 2012 – May 2014. Commander, Professor of Aerospace Studies and Department Chair, AFROTC, Detachment 035, California State University (CSU) - Fresno. Supervised two officers, two enlisted and one civilian employee.

- Led "High Flight" (Best in SW Region) Detachment of 90+ cadets in developing future officers and leaders of character for the United States Air Force.
- Actively improved recruiting efforts to increased size/diversity of Detachment by 25% in two years.
- Taught Aerospace Studies courses to both sophomore and senior-level cadets.
- Administered Air Force Officer Qualifying Test (AFOQT) to cadets applying for scholarships/POC.
- Made strategic use of Air National Guard (ANG) volunteer officer to overcome manning shortfall.
- Utilized local active-duty, ANG and Reserve personnel to mentor cadets on AF career fields/issues.

- Responsible for Unit's Self-Inspection and Safety Programs to ensure compliance with Air Force and OSHA safety standards.
- Worked with University's Facilities Management to ensure adequate resources were available for Detachment's daily operations.
- Member of Faculty Senate and Council of Chairs engaged in analyzing/solving University issues.
- Faculty advisor to the University's Tau Beta Pi Engineering Honor Society.

June 2009 – June 2012. Assistant Professor of Biology/Deputy for Manpower (June 2011 – June 2012); Instructor of Biology and Deputy for Manpower (June 2010 – June 2011); Instructor of Biology and Department Personnel Officer (June 2009 – June 2010), HQ USAFA/DFB, United States Air Force Academy, Colorado Springs, CO. Courses Taught: *Cell and Molecular Biology* (Course Director; 2 Semesters), *Introductory Core (Human) Biology* (Course Manager; 5 Semesters), and *Independent Study* in conjunction with Academy's Engineering Mechanics Department's Micro Air Vehicle and Cyborgs projects (1 Semester). Supervised two officer instructors and one civilian associate professor.

- Taught core biology and major's Cell and Molecular Biology courses to more than 250 AF Cadets.
- Academic advisor and mentor to 26 cadets majoring in Biology.
- Taught and mentored 26 (of 56) Cell and Molecular Biology course students who bested USAFA MCAT Biological Sciences average with 100% successful matriculation into U.S. medical schools.
- Formalized course and lesson objectives for both Core and Cell and Molecular Biology Courses.
- Added valuable immunology unit to Cell and Molecular Biology course.
- Managed Biology Department's instructor pipeline for current/future faculty manning, coordinated Air Force's Biomedical Sciences Corps application process and oversaw Academy's Pre-Health Professions Program.
- Hosted, escorted and provided direct support for DV's (two and three-star general officers and civilian SES equivalents) for several for AF-level conferences held at the Academy each year.
- Faculty mentor for Academy's Tau Beta Pi Engineering and Beta Beta Beta Biological Honor Society chapters.

August 2007 – May 2009. AFIT-CI Graduate Student, Biology (Neuroscience, Immunology and "Psychoneuroimmunology"), USAF Academy Faculty Pipeline Program, University of Nevada-Reno, Reno, NV. Defense: *A proposed mechanism for autism: an aberrant neuroimmune response manifested as a psychiatric disorder* (*Medical Hypotheses:* 76 (2011) 863-870), 52 citations.

July 2004 – August 2007. Action Officer/Executive Officer, Cyberspace Task Force (May 2007 – August 2007); Chief, Force Optimization Analysis (November 2006 – April 2007); Chief of Security (March 2006 – October 2006); Chief, Force Presentation Branch, April 2005 – February 2006; Air Campaign Analyst (July 2004 – March 2005), HQ USAF/A9, The Pentagon, Washington, DC. Supervised one military and three contractor employees.

- Led analyses of key AF programs, as well as critical operational and acquisition issues for HQ USAF, JCS and OSD, directly impacting over 30 percent of AF budget.
- Managed and conducted vital computer-model simulation and optimization studies and analyses of fighter, bomber, as well as Combat Search and Rescue (CSAR) and Special Operations Forces (SOF) aircraft requirements to meet AF and DoD objectives for postulated wartime Major Combat Operations (MCOs) and contingencies.
- Directed classified analysis of wartime utility for vital weapon systems such as JASSM to defend budget and procurement decisions.
- Organized and conducted meetings with AF personnel and members of other military services to plan and discuss study results and implications, as well as make procurement recommendations to key senior DoD decision-makers.
- As Chief of Security, organized and chaired Building Security Working Group (BSWG), making key decisions for the physical security of an off-site building with more than 1,200 DoD and contractor employees. Also, in-charge of AF/A9's collateral and SAP/SAR security programs and security clearances. Provided security

access, program support and arrangements for the physical security of AF/A9 and its SES-3 (three-star equivalent) Director and for more than 250 military, civilian and contractor employees.
- As Action Officer/Executive Officer for the Cyberspace Task Force, provided direct support for the daily activities of the organization's SES-1 Director.

April 2000 – July 2004. F-22A Range Project Officer (March 2003 – July 2004); Director of Operations (March 2002 – March 2003); Range Project Engineer (April 2000 – March 2002), AFOTEC/OL-NN (Detachment 3, AFFTC), Classified Location, Las Vegas, NV. As Director of Operations, supervised three military employees.

- Managed range support for AFOTEC OT&E programs worth over $100B at key operating location providing classified testing of high-priority weapon systems.
- Responsible for scoping, budgeting, planning, designing, executing/directing, data analysis and reporting on IOT&Es of electronic warfare system upgrades for conventional and LO fixed-wing, as well as tilt-rotor and rotary-wing, aircraft.
- Hosted large test teams to include making travel and lodging arrangements during visits for classified test events/missions. Drafted detailed test reports with data analyses and recommended courses of action that enabled AF Senior Leaders to competently make efficient, high-dollar procurement decisions in the best interest of National Security.
- Formulated/coordinated AFOTEC inputs to the Nevada Test and Training Range (NTTR) long-range strategic plan for range infrastructure upgrades and test requirements.
- Planned, directed and conducted NTTR flight test missions as Lead AFOTEC engineer for the F-22A IOT&E to determine platform's operational effectiveness and suitability.
- Responsible for quarterly status update briefings to HQ ACC/A8 (two-star general) regarding Air Combat Command's classified test programs on the NTTR.
- Scheduled, planned, facilitated and hosted/escorted general officers on DV tours and during classified test events/missions on the NTTR.

May 1996 – April 2000. HH-60G Flight Test Engineer (March 1998 – April 2000); HH-60G Operational Test Engineer (May 1996 – March 1998), 422 TES/DOH, Nellis AFB NV. Supervised one officer, one DoD civilian and one contractor employee.

- Lead ACC test engineer for the Air Reserve Component's (ARC) $5M+ HH-60G Self-Protection System (SPS) program geared toward integrating and enhancing the aircraft's defensive systems capabilities with advanced infrared countermeasure munition (AIRCMM) flares, improved IR jammer, improved chaff capacity and counter-RF threat tactics.
- Responsible for planning, provisioning, executing, data management and reporting of HQ ACC-directed HH-60G operational tests and tactics development and evaluations.
- Ran in-flight checklists for test data collection runs/profiles.
- Organized and chaired Test Plan Working Group (TPWG) meetings to facilitate test team's ability to design/optimize system functionality, test events, data analysis and reports/recommendations.
- Conducted Foreign Materiel Exploitation (FME) and analyzed data for fixed/rotary-wing aircraft.

April 1994 – April 1996. Deputy Program Manager, Explosives Development (April 1994 – April 1996), Wright Laboratory (AFRL), Eglin AFB FL.

- Employed techniques of analytical chemistry to characterize components of and formulate new, composite high-energy explosives for future munitions.
- Led $1.8M effort toward developing high-energy explosives for advanced AF munitions.
- Led four-person Small Business Innovative Research (SBIR) proposal evaluation team to develop unique additives to explosives to enhance blast energy and weapons effects.
- Managed *Super-Saturated Aluminum-Hydrogen Powder* SBIR program to enhance the energy of TNT-based explosives. Evaluated manufacturing proposals and administered program contract.

- Evaluated program proposals and plans, as well as administered contracts IAW Federal Circulars/OMB CFR guidance.
- Drafted detailed test plans and reports with key recommendations and proposed courses of action on potential new explosive munitions fills.
- Responsible for running quarterly lab/workplace AF safety inspection checklists to ensure compliance with OSHA and Air Force safety standards.
- Escorted general officer and SES civilian DVs on tours of the Air Force's High Explosive Research and Development (HERD) Facility.

DoD TECHNICAL SYSTEMS DEVELOPMENT AND TEST

F-22A, F-117A, B-2, HH/MH-60G/K, UCAV, JASSM, CLOVerS, F-15C/E, F-16, B-1, B-52, JSTARS, EC-130H, CV-22, HC-130, MQ-9, AF/Joint CSAR testing, Advanced Penetrator Munition, ALR/ALE-40/47, advanced RF/IRCMs, IR missile warning system stimulators, RWRs, HUDs, P/NVGs, FLIR and EO/IR/RF threat testing/FME.

DoD TECHNICAL PUBLICATIONS

- *HH-60G Self Protection System (SPS)* (Paper for 1999 IR Information Symposium)
- *Char of the Hydrodynamic Performance Props of AFX-235 and 65/35 Fine Grain Octol Explosives*
- *Super-Saturated Aluminum-Hydrogen Powder High Energy Solid Fuel Component for Use in Hard-Target Destructive Warheads*
- *Characterization of the Sensitivity and Performance Properties of 1,3,5-Trinitrobenzene and Bis-(2,2-Dinitropropyl) Fumarate* (Paper/presentation, 1995 Int'l Energetic Materials Symposium)

CURRENT COMMUNITY INVOLVEMENT & SIGNIFICANT LIFE EXPERIENCES

- United States Air Force Academy (USAFA) Air Liaison Officer (ALO) for Northern Nevada
- Kerry Blue Terrier Foundation (KBTF) Rescue Coordinator, Nevada and Northern CA
- Drop-In-the Bucket Food Pantry Volunteer
- Reno South Rotary Club
- Nevada STE(A)M Coalition Volunteer
- Washoe County Sewage, Wastewater and Sanitation Hearing Board
- Washoe County (West Truckee Meadows/Verdi) Citizen Advisory Board (CAB)
- Washoe County and State of Nevada Democratic Party Central Committee Member
- Washoe County Democratic Party Platform Committee Member (2016)
- NV Democratic Party volunteer (2015-16) for US Senator Catherine Cortez-Masto, NV State Senator Julia Ratti and Reno City Councilwoman Jenny Brekhus and CD2 candidate Chip Evans
- Bernie Sanders Delegate to the NV State Democratic Party Convention (2016)
- Remote Area Medical Volunteer (Yerington and Carson City, NV Clinics, 2015)
- Reno Air and Balloon Races Volunteer (2014, 15)
- National Registry/State of Virginia EMT-Basic Certification (2005) – Non-current
- Pediatric Trauma Center Volunteer, UMC, Las Vegas (2003)
- United States Marine Corps Marathon, Washington, DC (1989, 1990, 2007)
- Andre House Homeless Shelter/Soup Kitchen Volunteer, Phoenix, AZ (1988-94)
- US Senator Robert Dole Presidential Campaign Volunteer (1988)
- Hurricane Island Outward Bound (1987) and Colorado Outward Bound (1985)
- Foreign Exchange Student, Buenos Aires, Argentina (1986)
- US Senate Page (1986)

Vuletich, Christine

From: Matthew Buehler
Sent: Monday, February 26, 2018 11:56 AM
To: WEBTEAM; Vuletich, Christine
Subject: VOLUNTEER APPLICATION: Audit Committee

Application for Audit Committee

Additional Information:

I am applying to serve on the Washoe County Audit Committee because I want to participate in the oversight and auditing process of the County\'s budget and financial records. During my 20-year Air Force career, I programmed and administered the budgets of many multi-million dollar development, acquisition and test programs of high national security importance. In addition to having a BSE (ASU, 1992) and MS (UNR, 2007), I have a MBA with a concentration in Information Systems and Data Analysis from UNLV (2004).

Personal Information

Salutation
Mr
First Name
Matthew
Last Name
Buehler
Address 1
180 Southridge Drive
Address 2
City
Reno
County
Washoe
State
NV
Zipcode
89509
Main Phone
702-743-4735
Secondary Phone
775-247-2198
Email Address
mattsuebuehler@hotmail.com
Contact Preference
any
Unsubscribe

Education Background

School Name
University of Nevada, Reno
Graduated
yes
Graduation Year
2009

Course Of Study
Psychoneuroimmunology
Degree Earned
M.S. in Biology
Notes
The Air Force sent me to school at UNR to prepare me to teach Biology at the United States Air Force Academy (2009-2012).

School Name
University of Nevada, Las Vegas
Graduated
yes
Graduation Year
2004
Course Of Study
Business/Information Systems
Degree Earned
M.B.A.
Notes

School Name
Arizona State University
Graduated
yes
Graduation Year
1992
Course Of Study
Bioengineering
Degree Earned
B.S.E.
Notes
Chemical Engineering emphasis.

Professional Background

Employer
USMEPCOM, Sacramento, CA MEPS
From Date
12/15/15
To Date
04/07/17
Status
part-time
Job Title
Intermittent Test Administrator
Duties
Administer/proctor ASVAB examination to high school students and prospective military enlistees in the Reno/Washoe County, NV area.

Employer
Washoe County School District
From Date
10/05/15
To Date
12/15/15

Status
full-time
Job Title
Long-Term Substitute Physical Sciences Teacher
Duties
Instructor and mentor to approximately 75 sophomore-level students enrolled in Physical Sciences course at Damonte Ranch High School during Fall 2015 term. Proctor for ACT and NV High School Competency examinations.

Employer
Washoe County School District
From Date
08/06/14
To Date
07/10/15
Status
full-time
Job Title
Long-Term Substitute Math Teacher and Rifle Team Coach
Duties
Instructor and mentor to 200+ freshman through senior-level students enrolled in Algebra I, Regular/Formal Geometry and Algebra II at North Valleys High School during Fall 2014, Spring 2015 and Summer 2015 terms. Proctor for ACT and NV High School Competency examinations. Coached and led schoolâ€™s rifle team in competition against other northern NV high schools.

Employer
AFROTC, Detachment 035, California State University (CSU) - Fresno
From Date
06/01/12
To Date
05/31/14
Status
full-time
Job Title
Commander, Professor of Aerospace Studies and Department Chair
Duties
â€¢ Led â€œHigh Flightâ€ (Best in SW Region) Detachment of 5 staff and 90+ cadets in developing future officers and leaders of character for the United States Air Force. â€¢ Actively improved recruiting efforts to increased size/diversity of Detachment by 25% in two years. â€¢ Taught Aerospace Studies courses to both sophomore and senior-level cadets. â€¢ Administered Air Force Officer Qualifying Test (AFOQT) to cadets applying for scholarships/POC. â€¢ Made strategic use of Air National Guard (ANG) volunteer officer to overcome manning shortfall. â€¢ Utilized local active-duty, ANG and Reserve personnel to mentor cadets on AF career fields/issues. â€¢ Responsible for Unitâ€™s Self-Inspection and Safety Programs to ensure compliance with Air Force and OSHA safety standards. â€¢ Worked with Universityâ€™s Facilities Management to ensure adequate resources were available for Detachmentâ€™s daily operations. â€¢ Member of Faculty Senate and Council of Chairs engaged in analyzing/solving University issues. â€¢ Faculty advisor to the Universityâ€™s Tau Beta Pi Engineering Honor Society.

Employer
HQ USAFA/DFB, United States Air Force Academy, Colorado Springs, CO
From Date
06/01/09
To Date
05/31/12
Status
full-time

Job Title
Assistant Professor of Biology/Deputy for Manpower
Duties
â€¢ Taught core biology and majorâ€™s Cell and Molecular Biology courses to more than 250 AF Cadets. â€¢ Academic advisor and mentor to 26 cadets majoring in Biology. â€¢ Taught and mentored 26 (of 56) Cell and Molecular Biology course students who bested USAFA MCAT Biological Sciences average with 100% successful matriculation into U.S. medical schools. â€¢ Formalized course and lesson objectives for both Core and Cell and Molecular Biology Courses. â€¢ Added valuable immunology unit to Cell and Molecular Biology course. â€¢ Managed Biology Departmentâ€™s instructor pipeline for current/future faculty manning, coordinated Air Forceâ€™s Biomedical Sciences Corps application process and oversaw Academyâ€™s Pre-Health Professions Program. â€¢ Hosted, escorted and provided direct support for DVâ€™s (two and three-star general officers and civilian SES equivalents) for several for AF-level conferences held at the Academy each year. â€¢ Faculty mentor for Academyâ€™s Tau Beta Pi Engineering and Beta Beta Beta Biological Honor Society chapters.

Employer
Air Force Institute of Technology - Civilian Institution Programs
From Date
08/01/07
To Date
05/31/09
Status
full-time
Job Title
Graduate Student, Biology (Neuroscience, Immunology and Psychoneuroimmunology), USAF Academy Faculty Pipeline Program, University of Nevada-Reno, Reno, NV
Duties
Defense: A proposed mechanism for autism: an aberrant neuroimmune response manifested as a psychiatric disorder (Medical Hypotheses: 76 (2011) 863-870), 47 citations. Graduate Coursework: Human Anatomy, Immunology, Medical Cell Biology, Developmental Biology, Cancer Immunobiology, Systems Physiology, Medical Biochemistry I, Advanced Human Nutrition, Neuroscience and Genetics.

Employer
HQ USAF/A9, The Pentagon, Washington, DC
From Date
07/01/04
To Date
07/31/07
Status
full-time
Job Title
Air Campaign Analyst and Action/Staff Officer
Duties
â€¢ Led analyses of key AF programs, as well as critical operational and acquisition issues for HQ USAF, JCS and OSD, directly impacting over 30 percent of AF budget. â€¢ Managed and conducted vital computer-model simulation and optimization studies and analyses of fighter, bomber, as well as Combat Search and Rescue (CSAR) and Special Operations Forces (SOF) aircraft requirements to meet AF and DoD objectives for postulated wartime Major Combat Operations (MCOs) and contingencies. â€¢ Directed classified analysis of wartime utility for vital weapon systems such as JASSM to defend budget and procurement decisions. â€¢ Organized and conducted meetings with AF personnel and members of other military services to plan and discuss study results and implications, as well as make procurement recommendations to key senior DoD decision-makers. â€¢ As Chief of Security, organized and chaired Building Security Working Group (BSWG), making key decisions for the physical security of an off-site building with more than 1,200 DoD and contractor employees. Also, in-charge of AF/A9â€™s collateral and SAP/SAR security programs and security clearances. Provided security access, program support and arrangements for the physical security of AF/A9 and its SES-3 (three-star equivalent) Director and for more than 250 military, civilian and contractor employees. â€¢ As Action Officer/Executive Officer for the

Cyberspace Task Force, provided direct support for the daily activities of the organizationâ€™s SES-1 Director.

Employer
AFOTEC/OL-NN (Detachment 3, AFFTC), Classified Location, Las Vegas, NV
From Date
04/01/00
To Date
06/30/04
Status
full-time
Job Title
Range Project Officer/Engineer
Duties
â€¢ Managed range support for AFOTEC OT&E programs worth over $100B at key operating location providing classified testing of high-priority weapon systems. â€¢ Responsible for scoping, budgeting, planning, designing, executing/directing, data analysis and reporting on IOT&Es of electronic warfare system upgrades for conventional and LO fixed-wing, as well as tilt-rotor and rotary-wing, aircraft. â€¢ Hosted large test teams to include making travel and lodging arrangements during visits for classified test events/missions. Drafted detailed test reports with data analyses and recommended courses of action that enabled AF Senior Leaders to competently make efficient, high-dollar procurement decisions in the best interest of National Security. â€¢ Formulated/coordinated AFOTEC inputs to the Nevada Test and Training Range (NTTR) long-range strategic plan for range infrastructure upgrades and test requirements. â€¢ Directed NTTR missions as Lead AFOTEC engineer for the F-22A IOT&E to determine platformâ€™s operational effectiveness and suitability. â€¢ Responsible for quarterly status update briefings to HQ ACC/A8 (two-star general) regarding Air Combat Commandâ€™s classified test programs on the NTTR. â€¢ Scheduled, planned, facilitated and hosted/escorted general officers on DV tours and during classified test events/missions on the NTTR.

Employer
422 TES/DOH, Nellis AFB NV
From Date
05/01/96
To Date
03/31/00
Status
full-time
Job Title
HH-60G Operational Flight Test Engineer
Duties
â€¢ Lead ACC test engineer for the Air Reserve Componentâ€™s (ARC) $5M+ HH-60G Self-Protection System (SPS) program geared toward integrating and enhancing the aircraftâ€™s defensive systems capabilities with advanced infrared countermeasure munition (AIRCMM) flares, improved IR jammer, improved chaff capacity and counter-RF threat tactics. â€¢ Responsible for planning, provisioning, executing, data management and reporting of HQ ACC-directed HH-60G operational tests and tactics development and evaluations. â€¢ Ran in-flight checklists for test data collection runs/profiles. â€¢ Organized and chaired Test Plan Working Group (TPWG) meetings to facilitate test teamâ€™s ability to design/optimize system functionality, test events, data analysis and reports/recommendations. â€¢ Conducted Foreign Materiel Exploitation (FME) and analyzed data for fixed/rotary-wing aircraft.

Employer
Wright Laboratory (AFRL), Eglin AFB FL
From Date
04/30/94
To Date
04/30/96
Status
full-time

Job Title
Deputy Program Manager, Explosives Development
Duties
â€¢ Employed techniques of analytical chemistry to characterize components of and formulate new, composite high-energy explosives for future munitions. â€¢ Led $1.8M effort toward developing high-energy explosives for advanced AF munitions. â€¢ Led four-person Small Business Innovative Research (SBIR) proposal evaluation team to develop unique additives to explosives to enhance blast energy and weapons effects. â€¢ Managed Super-Saturated Aluminum-Hydrogen Powder SBIR program to enhance the energy of TNT-based explosives. Evaluated manufacturing proposals and administered program contract. â€¢ Evaluated program proposals and plans, as well as administered contracts IAW Federal Circulars/OMB CFR guidance. â€¢ Drafted detailed test plans and reports with key recommendations and proposed courses of action on potential new explosive munition fills. â€¢ Responsible for running quarterly lab/workplace AF safety inspection checklists to ensure compliance with OSHA and Air Force safety standards. â€¢ Escorted general officer and SES civilian DVs on tours of the Air Forceâ€™s High Explosive Research and Development (HERD) Facility.

Awards and Honors

Honor
Recognition for Saving Choking Victim
Honor Date
05/04/12
Details
Used the skills and knowledge I learned from my EMT-Basic training (non-current NR-EMT Basic and State of Virginia EMT-Basic certifications) to save the life of a choking AF Academy Cadet by performing the Heimlich maneuver.

Honor
Recognition for Highest Grade in UNR Immunology Course
Honor Date
08/27/09
Details
Achieved the highest grade out of 131 students in Immunology course.

Honor
HQ USAF/A9 Nominee for General Benjamin O. Davis Military Award
Honor Date
12/31/06
Details
Nominated for outstanding professional and community service.

Honor
Mission Support Professional of the Quarter (HQ USAF/A9)
Honor Date
09/30/06
Details
Award given for improving the security processes and procedures for HQ USAF/A9.

Honor
Company Grade Officer of the Quarter (AFOTEC/OL-NN, Classified Location, Las Vegas, NV)
Honor Date
12/31/01
Details

Greatest and most impactful contributions to operational flight test and evaluation from a Company Grade Officer (2Lt-Capt).

Honor
Company Grade Officer of the Quarter (AFOTEC/OL-NN, Classified Location, Las Vegas, NV)
Honor Date
12/31/00
Details
Greatest and most impactful contributions to operational flight test and evaluation from a Company Grade Officer (2Lt-Capt).

Honor
Company Grade Officer of the Quarter (422nd TES, Nellis AFB NV)
Honor Date
12/31/99
Details
Greatest and most impactful contributions to operational flight test and evaluation from a Company Grade Officer (2Lt-Capt).

Honor
Company Grade Officer of the Quarter (422nd TES, Nellis AFB NV)
Honor Date
12/31/97
Details
Greatest and most impactful contributions to operational flight test and evaluation from a Company Grade Officer (2Lt-Capt).

Volunteer History

Agency
Drop-In-the Bucket
From Date
05/01/13
To Date
04/26/18
Volunteer Title
Food Pantry Volunteer
Duties
Pick-up food from the Northern NV Food Bank and bag/distribute the food to needy individuals and families in the Reno, NV area.

Agency
United States Air Force Academy
From Date
10/01/14
To Date
02/26/18
Volunteer Title
United States Air Force Academy (USAFA) Air Liaison Officer (ALO)
Duties
Assist applicants from NW Nevada with the Academy's application and nomination processes. Interview qualified candidates for admission to the United States Air Force Academy.

Agency
Reno South Rotary Club
From Date
06/01/15
To Date
02/26/18
Volunteer Title
Member
Duties
As a member of Rotary, volunteer for community projects such as litter clean-ups and school playground improvements.

Agency
Nevada STE(A)M Coalition
From Date
07/19/15
To Date
02/26/18
Volunteer Title
Volunteer/Mentor
Duties
Visit schools in Nevada to talk about Science, Technology, Engineering, (the Arts) and Math, and encourage youth to pursue STE(A)M careers.

Agency
Washoe County Sewage, Wastewater and Sanitation Hearing Board
From Date
02/04/16
To Date
02/26/18
Volunteer Title
Board Member
Duties
Hear request for variances from Washoe County District Board of Health regulations and provide recommendations to the Board of Health for action.

Agency
Washoe County (West Truckee Meadows-Verdi) Citizen Advisory Board (CAB)
From Date
09/01/15
To Date
02/26/18
Volunteer Title
Board Member
Duties
Provide the Washoe County Commission with recommendations for action on issues affecting county residents.

Agency
Remote Area Medical
From Date
08/01/15
To Date
10/31/15
Volunteer Title

Volunteer (Yerington and Carson City, NV Clinics, 2015)
Duties
Assisted medical personnel at the Yerington and Carson City clinics in 2015 with providing medical care for the underserved persons in those areas.

Agency
Pediatric Trauma Center Volunteer, UMC, Las Vegas
From Date
10/01/02
To Date
04/30/03
Volunteer Title
Volunteer
Duties
Assisted medical staff with providing care to pediatric trauma patients.

Agency
Andre House Homeless Shelter/Soup Kitchen, Phoenix, AZ
From Date
09/01/88
To Date
03/31/94
Volunteer Title
Volunteer
Duties
Prepare and distribute hot meals to approximately 150 homeless individuals once per week.