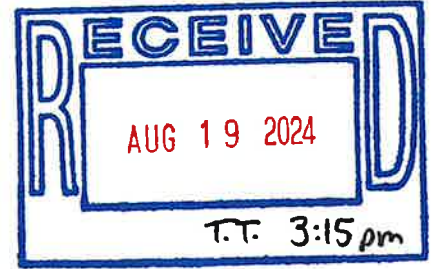


Zachary Irvine
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August 19 2024

Board of Directors
Papio-Missouri River Natural Resources District
8901 S. 154th Street Omaha, Ne. 68138

Papio-Missouri River Natural Resources District Board Members

I am writing to express my interest in the NRD Board vacancy left by Kevyn Sopinski. Our families know each other through our kids' Papillion-Lavista High School activities. Kevyn informed me his position would be vacated and asked if I had an interest in applying and potentially serving on the NRD Board.

While not Nebraska natives, the Army brought my family and I here in early 2009 and Papillion is now our home. Serving on the NRD Board would be an honor. It will allow me to give back to our community, make lasting changes to better our community, and continue to do something I have a passion for, serving others.

I believe my education in disaster response, FEMA Region X emergency preparedness experience, and my military background will lend a unique set of qualifications to the NRD Board.

Thank you for considering this letter of intent. Enclosed with this letter is a short resume highlighting my formal education, notable assignments throughout my military career, and my current work for the MITRE Corporation. I welcome the opportunity to answer any additional background questions you may have. I will provide any work or supervisor contact information upon request.

Sincerely,

Zachary Irvine

Zachary Thomas Irvine

zacharyirvine74@gmail.com; 402.250.5239

Summary of Qualifications

- Retired Lieutenant Colonel with 22+ years of Army leadership in garrison and combat.
- A collaborative leader of diverse teams able to solve complex and multifaceted problems.
- An executive manager with 11+ years experience in our Nation's Nuclear Enterprise.
- Skills include: Intelligence and technical analysis, technical writing, project/plan management, threat/risk analysis and reduction, emergency and disaster management.
- Active TS/SCI Clearance.

Private Industry Experience - Army Internship with Lockton Companies

- This program allows separating service members four months to work outside the military and build a professional network able to be leveraged upon separation.
 - Responsible for developing client relationships, understanding client's needs, and providing insurance and safety practices solving client business problems.
 - Assisting clients in understanding and navigating the complex corporate insurance landscape.

Current Employer/Employment

2020 - Present The MITRE Corporation <https://www.mitre.org/>

- Lead Systems Engineer: work packages include rapid prototyping and system of system integration for next generation Nuclear Command Control and Communications infrastructure.

Senior Military Leader Engagement

2019-2020 Deputy Director Commander's Action Group: USSTRATCOM

- Led a hand-selected team of Joint Military Officers to make actionable the vision and intent of the Commander, United States Strategic Command.
- Developed and actioned all Commander engagements. Assisted in the preparation of more than 325 Questions for Record and 175 Advanced Policy Questions, from the Senate Armed Services Committee, answered by Gen Hyten and ADM Richard during their respective Senate Nomination Hearings.

Nuclear Enterprise Leadership

2017-2019 Branch Chief, Nuclear Targeting Branch: USSTRATCOM

- Led a combined civilian and military team responsible for the creation of deliberate, adaptive, and time critical nuclear aim points for our Nation's strategic inventory. This included a POTUS directed time sensitive war-plan change which required unique problem solving skills and extensive collaboration.
- Managed a \$4M mission planning software testing and implementation program for two nuclear targeting systems.
- Liaison to INDO-PACOM for special nuclear mission planning.
- Led successful STRATCOM accreditation of software for target data to ensure more accurate damage assessment of Hard and Deeply Buried Targets.

Army Staff

2015-2017 Nuclear Plans, US Army Nuclear & Countering WMD Agency

- Provided nuclear weapons analysis and expertise to the Army G-3 and Deputy Secretary of the Army pertaining to nuclear weapon employment and next generation nuclear weapons: the Long Range Stand-Off Weapon (LRSO), and Ground Based Strategic Deterrent (GBSD).

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Branch Chief Intelligence Agency

2012-2015 Foreign Fighters Branch Chief: US European Command (USEUCOM)

- Led Intelligence Analysts tracking violent extremists originating in Europe and traveling to Jihad Zones in Syria and Iraq. The CIA and JSOC labeled Team's efforts as "Critical to understanding this phenomena."
- Led a successful effort to create a real-time relational database and ergonomic user platform structured to recognize shared informational data, parse classification based on user login/clearance level, and allow quick search/retrieve specific information with no spillage of classified information to foreign governments.
- Guest lecturer in Bucharest Romania. Discussed on-line radicalization and media style marketing recruitment, foreign fighter flow through Europe, and prominent extremist profiles.

2011-2012 Aide-De-Camp to the Deputy Commander: USSTRATCOM

- Coordinated and actioned all Three-Star interactions for ADM (Ret) Haney.

2009-2011 Logistic Officer, Airborne Command Post (ABNCP): USSTRATCOM

- Team member during a \$1.2B flight testing of the Navy's E-6B communications architecture upgrade. Integrated NIPR, SIPR, and TS Collateral into the E-6 airborne platform resulting in continuous and reliable digital communications for senior leaders during national crises.

Other Military Assignments and Duties of Note:

- **2007-2008:** Iraq Special Mission; Served in Task Force McCall December 07- June 08. Packaged, convoyed, and removed 550 metric tons of Uranium Oxides (Yellow Cake) and other High Source Irradiators and other nuclear material from Iraq. This was a joint DoD DoE mission.
- **2004-2007:** Medical Operations Officer in FEMA Region 10; work included Disaster Management and Pandemic Flu planning.
- **2002-2004:** Commander, 300 Soldier - 200 Bed Combat Support Hospital. Responsible for the health and welfare of all assigned Soldiers, all hospital life support functions. Deployed to Operation Iraqi Freedom, Task Force Iron Horse Invasion.
- **2000-2002:** Supervisor, world-wide on-time medical logistics management, shipping and budgeting of DEA Controlled Narcotics, pharmaceutical, and blood products. Revamped outdated purchase and distribution programs, reduced revolving operating costs from \$1M to \$800K without sacrificing purchase power. Deployed to Operation Enduring Freedom Philippines.
- **1998-2000:** Medical Platoon Leader, 44th Medical Brigade, 18th Airborne Corps.

Education

- BS University of Northern Iowa – Biotechnology, Minor - Chemistry: 1997
- MS Indiana University of Pennsylvania – Science for Disaster Response 2008