

David G. Winget, P.E.

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Objective

A high school teaching position in the St. Joseph / Kansas City area in either the science or mathematics field with opportunities to work with students in extracurricular activities that teach leadership, personal growth, and lifelong learning

Summary

Over 20 years as an Army Engineer Officer holding a Top Secret Clearance, leading over 1400 personnel and oversight of \$1.6 billion budgets and programs with \$4.2 billion in Construction in Progress. Coordinated all military construction in Bosnia and Afghanistan, with additional assignments in Iraq, Kuwait, Korea, Germany, Japan, and Australia. Managed nationwide military and civil works construction, Ohio River navigation, flood risk management and emergency operations for 5 states. Taught Civil Engineering at West Point, publishing articles in engineering and education.

Core Competencies

- teaching STEM
- project management
- construction design / planning
- consulting
- financial management
- strategic planning

Education/Licensure

- M.S. in Civil Engineering (Structural), University of Texas at Austin, 2003
- M.S. in Engineering Management, University of Missouri at Rolla, 1999
- B.S. in Civil Engineering, United States Military Academy, West Point, NY, 1994
- Registered Professional Engineer in the State of Missouri (1999) and the State of Texas (2003)
- Teacher's Certification (Initial Professional Certificate) in the State of Missouri (2016)

Professional Experience

Engineer Trainer / Consultant, Mission Command Training Program, Ft. Leavenworth, KS, 2012 –2014

- Trained / mentored general officer planning staffs supporting units with 30k-100k personnel to provide engineering support for combat and humanitarian operations, resulting in 4 successful deployments and on time closure of US bases in Afghanistan.

Deputy District Commander / Chief of Staff, Louisville District Army Corps of Engineers, Louisville, KY, 2010 –2012

- Led Executive Council in conducting a Strengths-Weaknesses-Opportunities-Threats Analysis resulting in the development of long term organizational goals and strategic direction for a 1400 person organization with \$4.2 billion in Construction in Progress, an operating budget exceeding \$1.6 billion, covering a 5 state area with flood risk management utilizing 20 lakes, overseeing 10 dams and 18 locks along the Ohio and Green Rivers, and nationwide design and construction of military and civil works facilities.
- While completing a nationwide \$1 billion military Base Realignment and Closure (BRAC) Program, developed a plan to draw down the workforce, streamline procedures and reduce overhead by 10%, resulting in the lowest overhead of 7 districts in the division and meeting reduced budgets in a fiscally constrained environment without laying off permanent employees or reducing quality of services provided.
- During the 2012 Ohio River Valley flood, oversaw the district's Emergency Operations Center and coordinated the response with local officials, mayors, and governors resulting in preventing several towns from flooding despite river levels exceeding the levee height and 3 lakes exceeding capacity during the highest rainfall on record in several counties. Low estimates of damage prevented exceed \$100 million.
- Quote from performance evaluation – "He has been the point person on every corporate wide improvement program in the last year and is singularly responsible for not only instilling a climate of continuous improvement but also for the results harvested."

Battalion Executive Officer / Chief of Staff, 62nd Engineer Battalion (Construction), Ft. Hood, TX and Afghanistan, 2008 –2010

- Planned, resourced and oversaw all troop military construction in Afghanistan (in excess of \$110 million), utilizing over 1000 soldiers to support the 2009 force buildup by constructing or expanding over 12 major bases in only 12 months.
- Developed a plan to completely reorganize to a new modular battalion within 3 months of redeployment, resulting in a successful major fielding of new equipment while reorganizing approximately 50% of the personnel positions into different units.

Battalion Operations Officer, 62nd Engineer Battalion (Construction), Ft. Hood, TX and Afghanistan, 2007 –2008

- Planned and resourced over \$80 million in troop and contracted construction across a 750 km span in challenging mountainous terrain, utilizing over 1200 multinational engineers to expand base capacity for incoming forces, increase levels of force protection, and improve living conditions for soldiers in harsh winter weather at 35 separate remote locations.
- Created and oversaw an Engineer Skills Development Workshop to train Afghan workers in construction skills and US standards, resulting in over 70 local laborers augmenting US forces whose workload capacity was exceeded.

Construction Master Planner, 4th Infantry Division, Baghdad, Iraq, 2006

- Built a GIS database, coordinated and authored the Master Plan to support the base closure and force drawdown of the largest base complex in Iraq, including five camps housing over 32k people, resulting in a comprehensive infrastructure plan and programming documents to obtain Congressional funding for identified deficiencies.

Assistant Professor, United States Military Academy, West Point, NY, 2003 –2006

- Served as Course Director and taught the Design of Structural Steel and the Capstone Design Course, resulting in nomination for Jared Mansfield Teaching Award and consistently achieving ratings from students exceeding 4.7 on a 5 scale in all areas.
- Secured a fully funded research appointment from the University of Texas, resulting in a by name request to serve on a Federal Highway Administration team to create tools to facilitate the uniform vulnerability assessment of the nation's bridges and prioritize for funding.
- Volunteered for a national panel to develop design guidance for improving the structural performance and blast resistance of bridges, resulting in publication of a design and detailing guide specification suitable for adoption into the national design code.