CHANCELLOR JOHNSTONE
Iowa State University
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EDUCATION

Iowa State University—Ames, Iowa (In progress)
PhD in Statistics

Air Force Institute of Technology—Wright Patterson AFB, Ohio 2015
MS in Operations Research (Applied Statistics, Optimization, Information Operations)
Thesis: *A Risk Based Approach to Node Insertion Within Social Networks*

United States Air Force Academy— Colorado Springs, Colorado 2013
BS in Operations Research (Distinguished Graduate)
Capstone: *Optimal Scheduling of Tissue Donation Processes with Constraints*

PROFESSIONAL EXPERIENCE

United States Air Force
Operations Analyst, Combined Air Operations Center 2016-2017

- Provided crucial time-of-day analysis depicting enemy activity in Afghanistan. Created efficiency metrics for detailed analysis on regional commands; drove changes in Air Operations Directive; identified necessary campaign strategy shifts to Combined Forces Air Component Commander (CFACC).
- Spearheaded study regarding relationship between losses in Close Air Support aircraft hours and Tanker aircraft losses due to maintenance issues. Affected assets from 16 coalition partners.
- Led creation and implementation of all-encompassing operational assessment methodology for entire Air campaign against the Islamic State (ISIL). Captured performance and effects for ongoing operations.
- Realigned Air Operations Directive to match the Combined Air Operations Plan; identified significant shortfalls in current task hierarchy; implemented tasks crucial the successful implementation of airpower in support of ongoing ground operations in the Middle East.

Theater Analyst, Assessments, Studies, and Lessons Learned Division, Germany 2015-2017

- Provided support to aerial refueling operations across Europe and Africa; identified required aircraft increase for full execution of current, and projected future refueling needs.
- Optimized future basing posture across the African continent by maximizing overall robustness in terms of mission continuation and continental coverage. Added fidelity to $2M RAND study; operationalized.
- Led study for 52d Maintenance Group at Spangdahlem AB, Germany. Responsible for recouping 96 F-16 flight hours per year. Increased maintenance scheduling accuracy by 53%.

AWARDS

- United States Air Force Outstanding Junior Analyst of the Year 2016