

Resume: William Hanson
whanson@ou.edu

QUALIFICATIONS/SKILLS

- Leadership, mentoring and personnel development
- 6+ years teaching experience at the University level
- On-line course development and instruction
- Analytical methods
- Strategic planning and policy development
- International negotiations and arms control
- Managing complex analysis, current hands-on skills
- WMD non-proliferation and terrorism prevention
- Project management in multi-project environment
- Organizational development and turn-around
- Bringing disparate groups to consensus
- Database and web design

EDUCATION/FELLOWSHIPS

PhD Candidate – University of Oklahoma, 3.94 GPA, ABD. Dissertation completion anticipated May 2009

- Fields: International Relations, Public Administration, Public Policy

Fellow – Institute for Global Conflict and Cooperation’s Public Policy and Nuclear Threats seminar, Summer 2008

Fellow – MIT Seminar XXI: Foreign Policy, International Relations, and the National Interest, 1996-1997

MS – National Security Strategy, National War College 1994, Distinguished Graduate

MS – Operations Research, AF Institute of Technology 1985, 3.78 GPA, Tau Beta Pi and Omega Rho honor fraternities

BS – History, US Air Force Academy, 1976

RESEARCH, CONFERENCE PAPERS AND PUBLICATIONS

Dissertation:

- Approaches to Decision: Rationality, Structure and Cognition. Anticipated completion: May 2009.

Conference Paper:

- “Can We Remember Rationally? A Memory-Based Model” presented to the Annual Meeting of the American Political Science Association, 2006.

Published Paper in a Professional Journal:

- “*Aux États-Unis: contrôle des armes nucléaires pour les années 90 et au-delà* [From the United States: Nuclear Arms Control for the 1990s and Beyond],” in the French Military Journal *Les Cahiers De Mars*, No. 153, 2nd Trimester 1997.

Other Papers:

- “Protracted Deterrence: An Approach to Roll Back Nuclear Proliferation.” Unpublished Thesis, National War College 1994.
- “A Methodology for Analyzing Arms Control Agreements.” Air Force Institute of Technology, 1985, published through Defense Technical Information Center.

SPECIAL TRAINING

- Decision analysis
- International relations and policy analysis
- Mathematical modeling and optimization
- Qualitative research, including survey and text analysis
- Multivariate statistical analysis
- Data Mining
- Public administration and policy analysis
- Statistical process controls
- Directed energy and electronic warfare
- Nuclear weapons technology
- Academic instruction
- Flight instructor and evaluator

EXPERIENCE

Teaching, Training and Mentoring

- Taught 6 years at University level: history, freshman “Gateway”, computer networking and technology
- Teaching separate courses on International Relations Theory and Policy Analysis, will teach Intro to Public Admin
- University Dean’s evaluation: “a true expert”, excellent student evaluations
- Developed course for online delivery, College of Arts & Sciences used proposal as a model
- Developed Data Mining Course which was accepted for inclusion into university curriculum
- Expert at online course tools, Blackboard, D2L, Articulate, developed and hosted own “Wiki”
- Graduate Assistant to Editor of Public Administration Review – managed all aspects of peer review process
- As Professor of Aerospace Studies, led unit to 30 year records in every measurable production and quality category
- Developed and mentored talent at all levels: ROTC cadet through Air Force Colonel
- Subordinates at all levels earned numerous awards – attracts the best talent
- Hand-picked by University of Oklahoma as a President’s Distinguished Faculty Mentor
- Representative for non-degree granting Colleges on University of Oklahoma Faculty Senate
- Collegially managed relationships between Air Force, university faculty and leadership, and local community
- Senior leaders say: “astute mentor”, “his shop an incubator for future leaders”

International Negotiations and Arms Control

- Senior military advisor to US delegations to the Conference on Disarmament and UN First Committee
- Joint Chiefs of Staff representative in face-to-face international negotiations for the Comprehensive Test Ban Treaty
- JCS lead for successful Senate ratification of START II, personally prepared the JCS Chairman for testimony
- JCS member of multiple bilateral and multilateral delegations and working groups with Russia and other nations
- Hand-picked to accompany senior leaders to Russia: talks led to Helsinki Summit and START III agreements
- Helped negotiate and draft three Presidential summit statements on arms control issues
- Jump-started military-to-military contacts with Russia, got them back on track after serious policy crisis
- Senior leaders say: “World-class officer, leader, thinker”, “a rare talent”, “my most trusted advisor”

Strategic Planning

- Led development of US Air Force strategic plan, created new construct linking vision and operational concept
- Led development of first US Air Force capabilities investment plan, aligned modernization spending with strategy
- Co-lead for development of AF Planning and Programming Guidance, called “Best ever”, reduced AF bill by \$9B
- Used “alternative futures” methodology to create first US Strategic Command long range plan
- Led development of first post-Cold War nuclear weapon employment policy
- Led development of national-level guidance for Information Operations employment
- Senior leaders say: “Our expert in strategic planning”, “unique capability to forge consensus”, “creative, astute, visionary”, “problem-solver extraordinaire”, “a most respected national security policy architect”

Project Management and Analysis

- Supported revamp of E-3 aircraft major repair line: on track to reduce maintenance time by 20%
- Used statistical analysis to cut personnel-induced error rate on nuclear-certified equipment by factor of two
- Authored first-ever B-1B tactics manual; operational concept, field and senior-level approval in just 9 months
- 2-star reaction to the manual: “I couldn’t put it down”, reaction from the field: “light years ahead”
- Lead analyst on Air Force bomber roadmap study, resulted in decision to resize B-2 procurement
- Systems manager for a major academic journal, revised processes, cut manuscript turn time from 7 months to 3
- Senior leaders say: “impact at the highest levels”, “his analysis used as a pillar for the AF position”

Leadership and Organizational Skills

- Took over 2 different divisions after predecessor was fired: both turned into top performers
- Led units to earn most awards and promotions of any comparable unit for last 3 Air Force assignments
- Led Headquarters US Air Force study team which earned Air Staff “Team of the Year” award
- Received “outstanding” and “best seen” inspection ratings in virtually every evaluation
- Commanded a geographically-separated unit: kept standards and production at peak without direct supervision
- Commanded 4 major operational flying deployments with outstanding results
- Gained highest aircrew training completion rate in years despite severe weather and inexperienced crews
- Senior leaders say: “turned around an underperforming division ... now leading the AF!”, “turned his division into an enthusiastic, award-winning team”, “turned a good det [detachment] into a high profile, award winning det”

EMPLOYMENT HISTORY

Current	PhD Candidate, Graduate Assistant Adjunct Instructor	University of Oklahoma, University of Science and Arts, Oklahoma
2007	Project Manager	Realization Technologies, San Jose CA
2004-2007	Adjunct Instructor, PhD student	University of Oklahoma
2001-2004	Professor and Commander, Air Force ROTC	University of Oklahoma
1999-2001	Division Chief, Long Range Strategic Plans	HQ USAF, Pentagon, DC
1998-1999	Division Chief, Strategy and Policy	HQ USSTRATCOM, Offutt AFB, NE
1997-1998	Branch Chief, Long Range Strategic Plans	HQ USSTRATCOM, Offutt AFB, NE
1994-1997	Strategic Policy Planner, Nuclear Arms Control & Joint Chiefs of Staff Representative to the Conference on Disarmament	Joint Staff, Pentagon, DC Geneva, Switzerland & United Nations, NY
1990-1993	Multiple flying operational positions, including: Chief of Safety, Operations Officer, Tactics Chief	Minot AFB, ND
1987-1990	Branch Chief, AF Mission Area Analysis	HQ USAF, Pentagon, DC
1985-1987	Branch Chief, Bomber Tactics	HQ SAC, Offutt AFB, NE
1976-1984	Air Force Pilot	Barksdale AFB, LA, Castle AFB, CA