

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 Unpublished Thesis, National War College 1994.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