



AIR UNIVERSITY

THE INTELLECTUAL AND LEADERSHIP CENTER OF THE AIR FORCE
We make a difference, one student at a time.

Academic Year (AY) 2011

RESEARCH BULLETIN

Air University Commander's Welcome

By Lt Gen David S. Fadok

The Air University (AU) exists for the benefit of the nation as the intellectual and leadership center of the Air Force. Its mission is to provide the full spectrum of Air Force education — from precommissioning to the highest levels of professional military education (PME), including degree-granting and professional continuing education for officers, enlisted, and civilian personnel. The university's PME programs educate USAF, joint, civilian, and international students on national and world security issues, with a special focus on the capabilities and roles of airpower across the air, space, and cyberspace domains. The programs focus on the knowledge and skills needed to develop, employ, and command airpower at the highest levels. As part of this educational process, AU conducts relevant, responsive, and forward-thinking research in the global war on terror, homeland defense, force development, the nuclear enterprise, intelligence, technology, strategic planning, cyberspace, as well as history and lessons learned.

Each year we ask senior leaders within the Interagency, Department of Defense, Air Force, major commands, combatant commands, and other services to provide topics that are of interest to them, their commands, and the broader national security community. For academic year (AY) 2010, on which this 10th Air University Research Bulletin reports, we received over 540 prioritized research topics. I thank the contributors for their efforts, which help the AU in-residence colleges build their research agendas. Those important topics became the subject of much of the research accomplished by the students of Air War College (AWC), Air Command and Staff College (ACSC), the School of Advanced Air and Space Studies (SAASS), and the Air Force Institute of Technology (AFIT), as well as the Air Force Fellows (AFF) who are assigned to leading civilian universities and think tanks. AU provides the completed research paper to the sponsor in the hope it sheds new light on the issue, and with the expectation for feedback to continue improving our university's research engagement with senior civilian and military leaders.

Air University graduates of the class of 2010 generated more than 550 high-quality research products that met or exceeded their institutions' standards for publication or posting on the Internet. This bulletin includes those research titles, identifies the award-winning papers, and also highlights the contributions of Air University's military and civilian faculty. The entries are organized by topical categories (listed under Contributions by AU Faculty and Contributions by AU Graduates in the table of contents to the left). All of AU's research can be viewed and downloaded online at the Air University Research Information Management System (AURIMS) site at <https://www.afresearch.org>

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Ronald.Ruppel@maxwell.af.mil



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Director, Spaatz Academic Centers
(Spaatz/AR)
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Chief, Outreach Division
Air Force Research Institute (AFRI/RIJ)
Robyn.Read@maxwell.af.mil

Research at Air University

Gen John A. Shaud (USAF, Retired), AU Dean of Research and Air Force Research Institute Director

Our goal at AU is to be the premier source of advanced airpower ideas for the United States Air Force. The CSAF formally established the Air Force Research Institute (AFRI) in 2008 to serve as a focal point for tackling the significant research issues that challenge the Air Force and the nation now and in the future. In addition, AU has outstanding faculties, students, and professional researchers on our campus at Maxwell AFB, as well as the Air Force Institute of Technology at Wright-Patterson AFB (WPAFB), who play key roles in AU's efforts.

This group of professionals brings together unparalleled academic credentials in science, technology, and liberal arts coupled with combat experience in military aviation and support areas. They bring in many unique operational experiences ranging from special forces in irregular warfare to the nuclear enterprise. This experience base contributes immeasurably to the quality of AU research.

The *Research Bulletin* is an example of AFRI's mission of research, outreach, and engagement (ROE). It publicizes AU's research on important topics solicited through our engagement with senior civilian and military leaders. Our primary objective in publishing the bulletin is to recognize the best of these research accomplishments. Accordingly, we highlight faculty and student research, the latest AU Press publications, and the activities of AU's specialized centers.

This publication's goal is to engage the larger national security community and foster communication about a broad range of matters related to research at AU. It is also designed to help recognize an important dimension of AU's service to the Air Force and the rest of the defense community.

AFIT Research Program

Dr. Heidi R. Ries, PhD, AFIT Dean for Research

Research at AU includes both technological research, undertaken primarily at the Air Force Institute of Technology at WPAFB in Dayton, Ohio, and research on doctrine, strategy, and the art of war, conducted at the schools at Maxwell AFB, Alabama.

Research accomplishments of AFIT's faculty and resident graduate students at WPAFB are reported separately from this *AU Research Bulletin* in the *AFIT Graduate School of Engineering and Management's Annual Report, Research Report, and Research News*.

Electronic versions of these publications are available at <http://www.afit.edu/en/enr/index.cfm>. Award-winning accomplishments are included in these publications as well. Questions may be addressed to research@afit.edu.

Air Force Research Institute

Dr. Chris Cain, AFRI Deputy Director

The Air Force Research Institute conducts independent research, outreach, and engagement to enhance national security and ensure the effectiveness of the US Air Force. AFRI also advances the theory and application of air, space, and cyberspace power through scholarly analysis, professional journals, printed and electronic media, and collaborative projects. The institute performs a number of missions. First, AFRI takes on assignments and generates ideas related to airpower that are developed and disseminated via a variety of research products. Second, AFRI manages and publishes three Air Force flagship outreach publications: *Strategic Studies Quarterly* (SSQ), the *Air and Space Power Journal* (ASPJ), and *The Wright Stuff*. *SSQ* is a refereed journal of ideas and issues that serves the greater defense community through scholarly debate about warfare, strategy, national and international security, and defense policy. *ASPJ* has served since 1947 as a forum for exchanging ideas about operational airpower and other matters relating to national defense. It is now published in six languages (English, Arabic, Chinese, French, Spanish, and Portuguese) and distributed to more than 90 countries worldwide. *The Wright Stuff*, with more than 30,000 subscribers worldwide, is an Air University electronic product published twice per month to disseminate ideas and promote AU-generated products. Third, AFRI facilitates AU student and faculty research by managing the AU Commander's Research Board process, the annual call for topics, and associated research management database and Web sites. Research support falls under the AFRI Engagement Division charged with hosting, cohosting, or sponsoring conferences on behalf of the AU commander or AFRI director. In addition, the Engagement Division formats and posts AU faculty and student research papers online for future reference and publishes the annual *AU Research Bulletin* to document each year's research activities. Of note, AFRI networks with other DOD research centers and staff agencies to provide both a stimulus for original research and multiple venues for disseminating/sharing key airpower ideas. It is through these diverse resources, programs, and services that the Air Force Research Institute generates and delivers high-quality intellectual throw weight in the key areas of research, outreach, and engagement.

AU Research Bulletin – AY 2011

AFRI Research and Publication Opportunities

By Dr. Daniel Mortensen, AFRI Dean

AFRI Papers and Quick Looks are occasional publications sponsored by the Air Force Research Institute. All are dedicated to promoting understanding of air, space, and cyberspace power theory, doctrine, and application. These studies are published by AU Press and are broadly distributed to the USAF, the Joint Staff and joint commands, DOD, and other governmental organizations, sister-service PME schools, selected universities, military and civilian think tanks, and leading scholars. All publications are available on the AU Research Information Management System at <https://www.afresearch.org/> or on the AU Press web site at <http://aupress.au.af.mil/>. The current series is also generally available in hard copy from the AU Press.

SECAF, CSAF, and Senior AF Leaders Commission AFRI Research

Conceived to provide independent analysis of a wide range of issues related to airpower theory, doctrine, and employment, the AFRI Papers additionally emphasize concepts of operations. The purpose of the papers is to provide research products that will underwrite mature decision making by the Air Force and joint war fighters, as well as support education, doctrine development, and research at AU.

In AY 2010, AFRI researchers prepared briefings for high-level decision makers and wrote dozens of journal articles, with many published in several foreign languages. AFRI solicits and edits publications to further its research agenda.

Following are samples of AFRI publications in AY 2010:

1. James Parco and David Levy, *Attitudes Aren't Free: Thinking Deeply about Diversity in the US Armed Forces*.
2. Lloyd R. Leavitt, *Following the Flag: An AF Officer Provides an Eyewitness View of Major Events and Policies during the Cold War*.
3. AFRI Research Study, *Air Force Strategic Concept for 2020-2030*
4. Dr. Adam Lowther, *Air Diplomac: The United States Air Force Contribution to American Diplomacy*

Quick Looks and Blue Darts

Air University produces two types of short-impact papers. The first, used mostly by staff researchers assigned to AFRI, are one- to two-page papers, called Quick Looks (QL). QLs help analysts and researchers conceptualize their ideas. Through selective distribution of QLs, analysts gain feedback to guide continuing research. These short products are written early in the writing process and follow an established formula: they identify a problem or issue, provide a short historically based background discussion, and provide actionable recommendations in bullet format. Supplementing QLs, but written at the completion of a research project or paper, are Air University Blue Darts (BD). BDs are written in the style of an opinion/editorial (op-ed) piece—to pass along one's opinion and to entice readers to follow up by reading the completed research paper, article, or book. BDs are limited to 750 words and targeted for civilian media audiences. The AU commander has directed that all research submissions longer than 19 pages be accompanied by a publishable Blue Dart. These op-ed pieces are sent to interested parties, including paper sponsors, and also selectively appear in *The Wright Stuff*, AU's biweekly electronic newsletter.

Publication Opportunities

All faculty and students assigned to AU, as well as individuals throughout the Air Force, are invited to submit unclassified manuscripts to AFRI for publication consideration. Manuscripts should pertain to USAF and airpower doctrine, strategy, concepts of operations, and items of particular interest to the leadership of the Air Force and other primary decision makers.

AY 2011 Fellows and Intern Programs

Lt Col Ronald Ruppel, Air Force Fellows Director

Each AY 2010–2011 Air Force Fellow (AFF) had a major impact on the military, academia and industry as well as the executive and legislative branches of government. In their role as Air Force ambassadors to their respective institutions, the Fellows skillfully provided insights on a wide spectrum of issues such as national security policy, future technologies, and doctrine. Their involvement included:

- Participating in national security forums and working groups
- Providing media interviews, lectures, and speeches
- Hosting seminars, workshops, and war games

Air Force Fellows also had unique access to senior civilian and military leaders across the globe. This enabled them to increase their national security policy or DOD doctrinal expertise and provided them the opportunity to broaden their leadership skills while championing Air Force capabilities and influencing future policy initiatives across all services. Finally, their professionalism and dedication greatly strengthened defense partnerships with the academic, industry, and policy communities.

In addition, each AFF also conducted cutting-edge research on issues vital to national security, impacting doctrine implementation and addressing questions by the fast pace of cutting-edge technology development inside and outside the DOD. Their research represented significant scholarly advancement of thought on crucial defense policy and strategy developments. Furthermore, their evaluation of processes and policy proved invaluable to future US national security issues.

Finally, AFFs were also instrumental in furthering work at prestigious private research institutions, academic institutions, and centers of excellence. These include the Brookings Institution, the Weatherhead Center for Strategic and International Studies, universities such as Harvard, Stanford, and MIT, federally funded research and development centers such as RAND, Department of Energy (DOE) Labs at Oak Ridge, Los Alamos, Argonne, Idaho, and Livermore, and SECDEF corporate fellowships at *Fortune 500* industry organizations.

→ The research support team at AFRI posts graduate papers and other publications on the Air University Research Information Management System (AURIMS). AURIMS allows AU to quickly post to the public research Web site all unclassified papers that meet school standards for publication and pass AU security and policy review. You are invited to visit that site, which contains over 5,800 research studies consisting of papers, monographs and books—the best of AU research!

→ AURIMS is available 99.9 percent of the time, 24 hours a day and seven days a week, from any commercial or military Internet connection. Our data indicates approximately 20,000 people visit AURIMS annually. AURIMS, *Air and Space Power Journal*, *Strategic Studies Quarterly*, and *The Wright Stuff* are all important and valuable sources for timely and insightful information on air, space, and cyberspace.

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Disclaimer: Opinions, conclusions, and recommendations expressed or implied within are solely those of the authors and do not necessarily represent the views of Air University, the United States Air Force, the Department of Defense, or any other US government agency. Cleared for public release: distribution unlimited.

Contributions by AU Faculty

Profession of Arms

AF Commanders and Barriers to Entry into a Doctoral Business Program

By Lt Col Anthony Williams
ACSC, Article in *Journal of Education for Business*

Alumni Altruism: Added Value from Retired Employees

By LTC Lee Pennington
ACSC, Article in *Georgia Southern University's Southern Business Review*

Americanness

By Professor Gene Kamena
AWC, Article in *Maxwell-Gunter Dispatch*

Civilian Combatants, Military Professionals? American Officer Judgments

By Dr. Gary Schaub
AWC, Article in *Defence Studies, Vol. 10, No. 3*

Decision Affront to Heroes

By Professor Gene Kamena
AWC, Article in *Montgomery Advertiser*

E Pluribus Unum: Open Homosexuality and the Culture War in the US Armed Forces

By Lt Col Jim Parco and Dr Mike Allsep
ACSC, Article in *Air and Space Power Journal*

Hard Days

By Professor Gene Kamena
AWC, Article in *Maxwell-Gunter Dispatch*

In Defense of Fathers Who Serve

By Professor Gene Kamena
AWC, Article in *Maxwell-Gunter Dispatch*

In the Service of the Nation; It is Never Just Christmas

By Professor Gene Kamena
AWC, Article in *Maxwell-Gunter Dispatch*

Mission and Morality

By Professor Gene Kamena
AWC, Article in *Small Wars Journal and The Wright Stuff*

Raising Cincinnatus: Race, Military Service, and Citizenship in the Jim Crow South

By Dr. Paul Springer
ACSC, Conference Paper for Southern Historical Association Annual Conference

Sexual Assault is not Who We Are

By Professor Gene Kamena
AWC, Article in *The Wright Stuff and Maxwell-Gunter Dispatch*

Those Who Also Serve

By Professor Gene Kamena
AWC, Article in *Maxwell-Gunter Dispatch*

Towards an Inclusive Military

By Dr. Amit Gupta
AWC, Article in *Geopolitics, Vol. 1, No. 4*

Military Studies

A Day with Panama's Embera Indians

By Professor Gene Kamena
AWC, Article in *Maxwell-Gunter Dispatch*

A War It Was Always Going to Lose: Why Japan Attacked the United States in 1941

By Dr. Jeffrey Record
AWC, Potomac Books

Airpower, No Fly Zones, and Political Endstates

By Dr. Doug Peifer
AWC, Article in *The Wright Stuff*

The Ancient Art of War

By Dr. James M. Tucci
SAASS, Article in *The Journal of Military History*

The Art of Military Discovery: Researching Chinese Air and Space Power Implications for the USAF

By Dr. Xiaoming Zhang
AWC, Article in *Strategic Studies Quarterly*

The Battle of Cynoscephalae

By Dr. James M. Tucci
SAASS, Article in *The Encyclopedia of War*

Chapter 6, Chinese Air Power

By Dr. Xiaoming Zhang
AWC, Article in *Global Air Power*

Deng Xiaoping and China's Decision to go to War with Vietnam

By Dr. Xiaoming Zhang
AWC, Article in *Journal of Cold War Studies*

Contributions by AU Faculty

Defending the Joint Force: Lessons Learned from Joint Base Balad

Co-authored by Lt Col Shannon Caudill
ACSC, Article in *Air & Space Power Journal*

FDR, US Entry into World War II, and Selection Effects Theory

By Dr. John Schuessler
AWC, Article in *International Security*

Guard Wars: The 28th Infantry Division in World War II

By Dr. Michael Weaver
ACSC, Indiana University Press

Historical Principles and Practices of Counterinsurgency

By Dr. James Kiras
SAASS, Presentation at the Netherlands Defence Institute, Den Haag, Netherlands

Insurgent Airpower in Historical Perspective: An Overview and Prospectus for Research

By Dr. Sebastian Lukasik
ACSC, Conference Paper for 78th Annual Society for Military History Conference, June 2011

Investigating Across the Spectrum of Conflict: Air Force Office of Special Investigations Leaders and the Challenge of Identity

By Lt Col Terry Bullard
AWC, Article in *The Wright Stuff*

Leaving Vietnam: Insights for Iraq

By Dr. Jeffrey Record
AWC, Article in *Diplomatic History*

Miltiades

By Dr. James M. Tucci
SAASS, Article in *The Encyclopedia of War*

Morale of French Colonial Troops

By Dr. William T Dean III
ACSC, Article in *Scientia Militaria Journal of South African Military Studies*

Review Essay: Toward a Grand Strategy against Terrorism

By Dr. James Kiras
SAASS, Article in *Strategic Studies Quarterly*

The Role of Special Operations Forces

By Dr. James Kiras
SAASS, Presentation at the Fighting Small Wars in the New Century Conference, Nanyang Technical University, Singapore

Suicidal Armies: Why Do Non-State Actors Fight Like Conventional Armies?

By Dr. Nori Katagiri
AWC, Conference Paper at American Political Science Association

Terrorist Support Structures

By Dr. James Kiras
SAASS, Taught the Special Operations Combating Terrorism Course at Joint Special Operations University

Thinking About the Air Domain

By Dr. Steven Wright
SAASS, Chapters in *The IC [Intelligence Community] and Cyberspace: Traditions, Boundaries, and Governance* and Presentation at the DNI Conference IC [Intelligence Community] and Cyberspace: Traditions, Boundaries and Governance

Understanding How Non-State Actors Fight and Defeat Foreign States in War

By Dr. Nori Katagiri
AWC, Conference Paper at Texas Tech University Vietnam Center

We All Were There

By Professor Gene Kamena
AWC, Article in *Maxwell-Gunter Dispatch* and *Small Wars Journal*

Warfare Studies

Ammianus Marcellinus

By Dr. James M. Tucci
SAASS, Article in *The Encyclopedia of War*

Appeasement Reconsidered: Reflections on the Road to War

By Dr. Jeffrey Record
AWC, Chapter in *Origins of the Second World War: An International Perspective*

Blue Horizons II: Future Capabilities and Technologies for 2030

By Col Christopher Kinnan
AWC, Monograph for the Center for Strategy and Technology

By Land and Sea: Non-Carrier Naval Aviation

By Dr. S. Michael Pavelec
SAASS, Chapter in *One Hundred Years of U.S. Navy Air Power*

Contributions by AU Faculty

The Case against Cyber Arms Control

By Dr. John Sheldon
SAASS, Op-Ed in *World Politics Review*

Challenges to U.S. National Space Policy

By Dr. John Sheldon
SAASS, Presentation at the National Security Space:
Policy and Program Developments Roundtable,
George C. Marshall Institute and the Space Enterprise
Council, Washington, DC

Cyberwar

By Dr. John B. Sheldon
SAASS, Article in *Encyclopedia Britannica*

Cyberwarfare: The Invisible Threat: Year In Review 2010

By Dr. John B. Sheldon
SAASS, Article in *Britannica Book of the Year, 2011*

Essential Elements of Pure Strategy

By Dr. Everett Dolman
SAASS, Presentation at the US Army School of
Advanced Military Studies (SAMS)

Establishing the Bundesmarine: The Convergence of Central Planning and Pre-existing Maritime Organizations, 1950-1956

By Dr. Douglas Peifer
AWC, Chapter in *Rearming Germany*

Finding a Victory

By Professor Gene Kamena
AWC, Article in *Small Wars Journal* and *Montgomery Advertiser*

Increasing the Military Use of Space

By Drs. Everett Dolman and Henry Cooper
SAASS/Marshall Institute, Chapter in *Space Power Theory, Volume II*

Is the Army Training System Millennial Friendly?

By Professor Gene Kamena
AWC, Article in *The Gryphon* and *Fires Bulletin*

The Jet Race and the Second World War

By Dr. S. Michael Pavelec
SAASS, Distinguished Lecturer, USAF Museum
Distinguished Lecture Series

Leaving Manas: Planning for Strategic Redeployment

By Dr. Dr. Jonathan Zartman
ACSC, Presentation at the AETC symposium, January 2011

The Luftwaffe's Battle of Britain

By Dr. Rich Muller
SAASS, Presentation for the University of Calgary World War II New Perspectives Lecture Series, Calgary Aerospace Museum, Canada

Nobody Asked Me But . . . We Need to Square Away Navy Camouflage

By CAPT Todd Kiefer
AWC, Op-Ed in USNI Proceedings (1 May 2011)

Obama and the Path to Zero: Thrust and Vector versus Speed and Distance

By Dr. Edwina Campbell and Dr. Lewis Griffith
ACSC, Chapter in *Eine Welt ohne Atomwaffen?*

Operational Testing: From Basics to Systems Test Capabilities

By Col Mike Kometer, PhD
SAASS, Article in *The ITEA Journal*

Reorganizing Romania's Military - Tread Water First, then Swim

By Dr. Donald A. MacCuish
ACSC, Article in *Journal of Defense Resources Management, Romanian NDU*

Space Strategies and the US Air Force

By Dr. Everett Dolman
SAASS, Presentation at the Future Concepts Distinguished Speaker's Series, Pentagon, Washington, DC

Special Operations and Strategy

By Dr. James Kiras
SAASS, Lecture at the Naval War College

Strategy to Planning

By Col Mike Kometer, Ph.D. and Dr. Steve Wright
SAASS, Presentation at the 2011 Air Mission Planning Conference, London, UK

Stuxnet and Cyberpower in War

By Dr. John Sheldon
SAASS, Op-Ed in *World Politics Review*

The Technological Determinism of Military Strategy: SAC Adherence to Bombing Doctrine in the 1950s and 60s

By Dr. S. Michael Pavelec
SAASS, Presentation at the Society for the History of Technology Conference

Theory Ascendant? Spacepower and the Challenge of Strategic Theory

By Dr. John Sheldon and Colin S. Gray
SAASS, University of Reading, Chapter in *Toward a Theory of Spacepower: Selected Essays*

Contributions by AU Faculty

Toward a Theory of Cyberpower: Strategic Purpose in Peace and War

By Dr. John Sheldon
SAASS, Presentation at the EMC Chair-Sponsored Workshop on 'From Cybersecurity to Cyberwar,'
Naval War College

We Need More Tooth, Less Tail

By CDR Carl Forkner
AWC, Article in *USNI Proceedings*, Vol. 136, No 9

What's Wrong with Zero?

By Dr. Charles Costanzo
ACSC, Article in *Strategic Studies Quarterly* and *Air & Space Power Journal*, Chinese-language edition

Leadership Studies

A Calling for BIG Leadership at the Highest Levels

By COL Eric Smith
AWC, Op-Ed in *Montgomery Advertiser*

A Leader's Humor

By Professor Gene Kamena
AWC, Article in *Maxwell-Gunter Dispatch*

Apologizing--Putting Self Aside

By Professor Gene Kamena
AWC, Article in *The Wright Stuff*

Credibility

By Professor Gene Kamena
AWC, Article in *The Wright Stuff*

DJs, Rock and Roll and the Club

By Professor Gene Kamena
AWC, Article in *Maxwell-Gunter Dispatch*

Funhouses, Feedback and Fear

By Professor Gene Kamena
AWC, Article in *The Wright Stuff*

Good or Great

By Professor Gene Kamena
AWC, Article in *Air and Space Power Journal*

The Leadership of the PLAAF after 2012

By Dr. Xiaoming Zhang
AWC, Article in *China Brief*

Leadership on the Cheap

By Professor Gene Kamena
AWC, Article and Op-Ed in *The Wright Stuff*

Leading in Times of Relative Austerity

By Professor Gene Kamena
AWC, Article in *The Wright Stuff*

Mentoring: Finding Our Way to the Future

By Professor Gene Kamena
AWC, Article in *Fires Bulletin*

Millennials and Transformational Leadership

By Professor Gene Kamena
AWC, Article in *Fires Bulletin*

Muffled Voices

By Professor Gene Kamena
AWC, Article in *Maxwell-Gunter Dispatch* and *Small Wars Journal*

Old Dogs and New Colonels

By Professor Gene Kamena
AWC, Article in *The Wright Stuff*

Planes Break, Plans Change, People Make Things Happen

By Professor Gene Kamena
AWC, Article in *The Wright Stuff* and *USAF Aim Points*

The Spectrum of Risk in Leadership

By COL Eric Smith
AWC, Op-Ed in *The Wright Stuff*

Strategic Trailblazers

By Dr. Edwina Campbell
ACSC, Article in *Strategic Studies Quarterly*

Taking the "Me" Out of Leadership

By Professor Gene Kamena
AWC, Article in *The Wright Stuff*

Understanding the Value of Reflection

By Professor Gene Kamena
AWC, Article in *The Wright Stuff*

Unit Cohesion and the Impact of DADT

By Dr. Gary Schaub
AWC, Article in *Strategic Studies Quarterly*

Warrior Monks, Rock Stars and House Guests

By Professor Gene Kamena
AWC, Article in *The Wright Stuff*

What's Your Thing?

By Professor Gene Kamena
AWC, Article in *Montgomery Advertiser* and *Maxwell-Gunter Dispatch*

Contributions by AU Faculty

When Good Leaders Lie

By COL Eric Smith
AWC, Op-Ed in *The Wright Stuff*

When Leaders Die

By Professor Gene Kamena
AWC, Article in *The Wright Stuff*

When Planes Break, People Soar

By Professor Gene Kamena
AWC, Article in *Maxwell-Gunter Dispatch*

International Security Studies

A More Powerful China on Parade

By Dr. Xiaoming Zhang
AWC, Article in *China Security*

Act Now to Secure Borders

By Professor Gene Kamena
AWC, Article in *Montgomery Advertiser*

The African Standby Force, Stopping Genocide, & International Relations Theory

By Dr. Steve Burgess
AWC, Article in *Genocide Studies and Prevention, Vol. 6, No. 2*

Are Democracies Aggressive? Is the United States Aggressive? An Exchange

By Dr. John Schuessler
AWC, Article in *St. Antony's International Review*

Astropolitik and the Case for an Increased American Presence in Outer Space

By Dr. Everett Dolman
SAASS, Presentation at the University of Michigan's Summer Debate Institute

Brazil as a Regional Power

By Dr. Derrick Frazier
ACSC, Conference for IPSA/ECPR Joint Conference, February 2011

The Changing Demography of the United States and Public Security

By Dr. Amit Gupta
AWC, Conference Paper at Conference on Public Security New Delhi, India

China, the German Analogy, and the New AirSea Operational Concept

By Dr. Doug Peifer
AWC, Article in *Orbis. A Journal of World Affairs, Vol. 55, No. 1*

Civil-Military Relations

By Dr. Gary Schaub
AWC, Chapter in *The Encyclopedia of Political Science, Vol. 1*

Comments on the Mass Atrocity Response Operations (MARO) Handbook

By Dr. Steve Burgess
AWC, Article in *Genocide Studies and Prevention, Vol. 6, No. 1*

Contemporary Counterinsurgency and the Future

By Dr. James Kiras
SAASS, Presentation at the Netherlands Defence Institute, Den Haag, Netherlands

Counterterrorism and Human Rights

By Dr. James Kiras
SAASS, Presentation at the Alabama School and University Partners for Educational Renewal (SUPER) Teacher Special Workshop, Auburn University

The Culture War Within

Co-authored by Lt Col Jim Parco and Dr Mike Allsep
ACSC, Article in *Armed Forces Journal*

Deciphering Cyberpower: Strategic Purpose in Peace and War

By Dr. John Sheldon
SAASS, Article in *Strategic Studies Quarterly*

Détente

By Dr. Gary Schaub
AWC, Chapter in *The Encyclopedia of Political Science, Volume 2*

Deterrence: Relevance for the 21st Century

By Dr. Steve Wright
SAASS, Presentation at the Annual Baltic Conference on Defence, Tallin, Estonia

Economic and Demographic Trends in Cybered Conflict

By Dr. John Sheldon
SAASS, Presentation to the "Cybered Conflict, Threat Perceptions and Institutional Responses: A Comparative Analysis," Workshop, Naval War College and Brown University

Failed State 2030: Nigeria, A Case Study

By Col Christopher Kinnan
AWC, Monograph for the Center for Strategy and Technology

Contributions by AU Faculty

From Failed Power Sharing in Rwanda to Effective Top Down Integration

By Dr. Steve Burgess
AWC, Conference Paper at Integration of Militaries after Conflict, Army War College

The Future of Indian Cricket

By Dr. Amit Gupta
AWC, Conference Paper at Royal Holloway College, London, UK

Gauging the Intent of Nation-States and Non-State Actors: An Operator's Perspective

By Dr. Gary Schaub
AWC, Chapter in *From the Mind to the Feet: Assessing the Perception-to-Intent-to-Action Dynamic*

The Global Financial Crisis and Defense Spending: the US, Israel, and Taiwan

By Dr. David Sorenson
AWC, Conference Paper at American Political Science Association

Global Media Perspectives on the Crisis in Panama: June 1987-January 1990

By Dr. Howard Hensel
AWC, Ashgate

India, the IPL and Globalization

By Dr. Amit Gupta
AWC, Conference Paper at Royal Holloway College, London, UK

India as a Regional Power

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SAASS, Lecture at The National Center for Remote Sensing, Air and Space Law, The University of Mississippi School of Law

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ACRONYMS

ABNCP	Airborne Command Post
ACDIS	Arms Control Disarmament & International Security (University of Illinois at Urbana-Champaign)
ACSC	Air Command and Staff College (Air University)
AFF	Air Force Fellows
AFDDEC	Air Force Doctrine Development and Education Center (Air University)
AFIT	Air Force Institute of Technology (Wright-Patterson AFB)
AFRC	Air Force Reserve Command
AFRI	Air Force Research Institute (Air University)
ANG	Air National Guard
ARC	Air Reserve Component
<i>ASPJ</i>	<i>Air and Space Power Journal</i> (Air University)
AURIMS	Air University Research Information Management System
AWC	Air War College (Air University)
COIN	Counterinsurgency
CPC	Counterproliferation Center (within Air University's Air War College)
CSAT	Center for Strategy and Technology (within Air University's Air War College)
DARPA	Defense Advanced Research Projects Agency
FDT	Foreign Affairs, Defense Trade Division (Library of Congress, Washington DC)
FIU	Florida International University
GWOT	Global War on Terror
IDA	Institute of Defense Analyses (Alexandria, VA)
INSS	Institute of National Security Studies (USAF Academy)
ISCIIP	Institute for the Study of Conflict, Ideology, and Policy (Boston University)
ISD	Institute for the Study of Diplomacy
J5	Joint Staff, Plans Division
JFCOM	Joint Forces Command (Norfolk, VA)
MIT	Massachusetts Institute of Technology
NCO	Network Centric Operations
PIRP	Program on Information Resources Policy (Harvard)
PLA	Palestine Liberation Army
QCIR	Center for International Relations (Queens University)
SAASS	School of Advanced Air and Space Studies (Air University)
SF&RD	Strategy, Forces and Resources Division (IDA, Alexandria, VA)
SOCOM	Special Operations Command
SSP	Security Studies Program (MIT)
<i>SSQ</i>	<i>Strategic Studies Quarterly</i> (Air University)
STRIACC	Strategic Interagency Coordination Center
SAIS	School of Advanced International Studies (Johns Hopkins)
TRADOC	Training and Doctrine Command (US Army)
<i>TWS</i>	<i>The Wright Stuff</i> (Air University)
USEUCOM	United States European Command
USAFE	United States Air Forces, Europe
USNC	United States Navy War College (Newport, RI)
USAFA	United States Air Force Academy (Colorado Springs, CO)
WCFIA	Weatherhead Center for International Affairs (Harvard)

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