CURRICULUM VITAE

Jose A. Betancourt, Dr.PH

# PERSONAL DATA

Citizenship: United States Citizen

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**CIVILIAN EDUCATION**

DOCTOR OF PUBLIC HEALTH

George Washington University, School of Public Health and Health Services -- Washington, DC

SPECIALIZATION: Global Public Health Policy

AWARDED: 08/31/2003

MASTER OF SCIENCE

United States Army War College, School of Strategic Studies Carlisle, Pennsylvania

SPECIALIZATION: Strategic Studies

AWARDED: 07/28/2006

MASTER OF SCIENCE

Defense Intelligence College -- Bolling Air Force Base, Washington, DC

SPECIALIZATION: Strategic Intelligence

AWARDED: 07/29/1993

MASTER OF SCIENCE

Troy State University, School of Business, Fort Benning, Georgia

SPECIALIZATION: Business Management

AWARDED: 12/04/1990

BACHELOR OF SCIENCE

University of Florida, School of Liberal Arts and Sciences Gainesville, Florida

SPECIALIZATION: Psychology

AWARDED: 05/04/1985

**PROFESSIONAL MILITARY EDUCATION AND DEVELOPMENT**

United States Army War College, Carlisle, Pennsylvania

Relevant courses: Strategic Leadership, National Policy Formulation, Strategic Vision

05/01/2004 - 07/28/2006

Defense Strategy Course, Washington, DC

Relevant courses: National Security Strategy, Group Dynamics, Organizational Behavior

06/10/1998 - 06/15/1999

Command and General Staff College, Fort Leavenworth, Kansas

Relevant courses: Analytic Decision-making, Quantitative Analysis, Systems Planning

07/15/1991 - 08/18/1992

Combined Arms Services Staff School, Fort Leavenworth, Kansas

Relevant courses: Operations, Systems Design, Logistics, Marketing and Budgetary Strategies

03/15/1991 - 06/15/1991

US Army Aviation Officer Advance Course, Fort Rucker, Alabama

Relevant courses: Leadership, Operations, Logistics Management, Personnel Management

09/15/1990 - 01/30/1991

US Army Medical Department Officer Basic Course, Fort Sam Houston, Texas

Relevant courses: Medical Operations and Logistics Management, Medical Supply Management

06/19/1985 - 09/15/1985

### SIGNIFICANT PROFESSIONAL EXPERIENCE

#### Associate Professor, July 2007 – Present

#### Department of Management, Policy and Community Health, University of Texas School of Public Health-San Antonio Regional Campus, San Antonio, Texas

#### Serves as Associate Professor in the University of Texas School of Public Health-San Antonio Regional Campus, serving the public health instructional and research needs of the South Texas, Active-duty Service member, and Veteran populations. Dr. Betancourt teaches two Graduate-level courses to the Masters and Doctoral Degree programs in Public Health. Specifically, he teaches “Leadership in Public Health” which is a core course in the leadership area of concentration for the degree program. Additionally, he teaches “Management and Policy in Community Health” as well as the culminating CAPSTONE course (on-line).

#### Consultant, Booz Allen Hamilton, November 2008 – Present

**US Army Medical Department Headquarters, Fort Sam Houston, Texas**

#### Serves as primary program manager responsible for the design, development and implementation of a comprehensive Behavioral Health program utilizing tele-medicine/ tele-health technology for use by Soldiers and Family Members across the Army. Serves as the strategic plans and design officer for a system of systems which utilizes unique technology to increase access to Soldiers and Family Members suffering from Post Traumatic Stress Disorder, Traumatic Brain Injury and other behavioral health challenges. Coordinated and designed multi-year budget estimate for implementation of tele-behavioral health system from implementation in FY10 through FY17. Designed and coordinated a comprehensive strategic communications plan for tele-medicine/ tele-health applications to behavioral health issues of Soldiers and Families. Serves as primary developer for this system providing input to the Army Task Force on Suicide Prevention. Coordinated and authored the current draft of comprehensive Concept of Operations for the Army Tele-Behavioral Health Program depicting in detail how this technology will be used by Active Duty, USAR, NGB, Family Members, Family Advocacy Programs and Substance Abuse Programs. This living document is still evolving to meet the needs of the target population with this unique technology.  Dr. Betancourt recently completed an analytical study assessing a number of training modalities aimed at converting approximately 1,200 US Army Flight Medics to NR-EMT-Paramedic certification.  Numerous lessons-learned from Operations Iraqi Freedom and Enduring Freedom (Iraq and Afghanistan) highlighted the need to increase the current skill-level of US Army Flight Medics.  His comprehensive review recommended an innovative, hybrid-approach to delivering this critical training encompassing both a centralized training model, as well as a regionalized training modality.

#### Associate Dean, Academy of Health Sciences, July 2005 – October 2008

**US Army Medical Department Center & School, Fort Sam Houston, Texas**

#### Served as Associate Dean of the largest school of allied health sciences in the world and the largest school in the U.S. Army. Responsible for Army Medical Department institutional training in support of America’s Army. Guided, directed and supported activities of 17academic departments, the US Army School of Aviation Medicine, International Military Student Office and Inter-Service training. Supervised a multi-disciplinary faculty of over 1,100 officers, enlisted and civilian instructors who taught at all levels including doctoral-level, masters-level, and 152 courses in clinical and military leadership development skills to approximately 25,000 resident and 30,000 non-resident students annually. Managed an annual operating budget of $60M. Extensive knowledge and experience in Systems Approach to Training, Instruction Design and Methodologies, Learner-Centered Instruction, Small-Group Learning, Distributed Learning/ e-Learning, Critical Thinking and Learning Objectives and Testing. Working knowledge of Army Learning Management System (ALMS), Blackboard Learning Content Management System (LCMS), directly supporting training development efforts of the Army Medical Department. Broad understanding of DA and TRADOC training development regulations, Integral working knowledge in planning for Medical Education and Training Campus (METC): an Service-integrated medical training facility for all US Medical Military Members.

#### Chief, Medical Plans and Design Team, May 2004 – May 2005

**Office of Military Cooperation, Kabul, Afghanistan**

Served as principal advisor to the Afghanistan National Army Surgeon General in all sectors of health systems support to the Afghanistan National Army (ANA). Directly responsible for the planning, programming and execution of over $40 million in U.S. Security Assistance funding for the planning, design and implementation of all functions in the Defense Health Sector of the ANA. These functions included medical treatment, logistics, evacuation, preventive medicine, combat stress control, and dental support. Planned, coordinated and built a health support system that will provide Role 1 through 4 medical support to a 70,000 soldier military and eligible beneficiary population of over one million. Designed and established a National Combat Medic Training Program including the development of the Program of Instruction (POI), Student Evaluation Plan (SEP), and the core curriculum development. Served as the instructional designer for a variety of lesson plans addressing medical support to a combat force. Established uses of tactical training at the Platoon, Company/ Team,Battalion/Brigade and staff training in unit training simulation environments.

#### Chief, International Medical Programs, October 2002 – May 2004

**Office of the Surgeon General, Washington, DC**

Served as principal coordinator for the Surgeon General and provided oversight to all U.S. Army Medical Department (AMEDD) International programs. Coordinated and established International Medical Training and Education Programs for international medical officers training in U.S. schools. Developed and implemented the AMEDD International Strategic Plan. Prepared and executed short and long-range organizational goals and budgets and unfinanced requirement documents. Continuously cognizant of the various religons, ethnic and dietary habits and customs of students from all over the world. Participated and provided input to NATO Medical Working Groups. Served as the primary manager for Security Assistance Program and Foreign Military Sales Program. Coordinated all international visits to AMEDD facilities. Coordinated all international officer exchanges. Provided policy decision on student medical eligibility. Served as the single point of contact for foreign embassies. Maintained AMEDD International training databases. Programmed Army Training Resource and Requirements System (ATRRS) for International students. Broad experience and knowledge of instructional planning methods utilizing instructional development theories for courses applicable to international students.

**Doctoral Student, George Washington University**  July 1999 – September 2002

**School of Public Health and Health Services**

Doctoral student and researcher in the Global Health Department responsible for the planning, development, revision and execution of curriculum related to Global Health studies. Initiated and conducted research on current Global Health trends and issues. Served as an advisor to students pursuing study, writing assignments, and research involving international health theories and methodologies. Provided content area expertise to internal and external committees, providing advice and counsel as appropriate. Interfaced with external agencies worldwide to secure funding and support for collaborative research efforts that secured the development, advancement and application of global health initiatives. Coordinated innovative training programs in Global Health utilizing the adult education model, and implementing unique instructional design and curriculum development processes. Implemented quality control measures for instructional program evaluation utilizing a variety of tests and measurement tools.

**Commander, 507th Medical Company (Air Ambulance), Fort Hood, Texas** May 1997-May 1999

Responsible for the overall combat readiness and worldwide deployability of 130 soldiers, 15 UH-60 Aeromedical Evacuation aircraft, 27 tactical vehicles and all assigned weapons and equipment worth in excess of $150 million, while successfully managing and implementing a command operating budget of $4.3 million. Planned, led and supervised the conduct of training at the crew, platoon, and company level in preparation for supporting a maneuver division in combat with responsive and effective aeromedical evacuation. This includes training in individual medical and aviation skills, weapons/ equipment accountability and maintenance, physical fitness, troop leading and professional development and mentoring of junior leaders. Planned, coordinated and executed the successful unit conversion from UH-1 Huey aircraft to modernized UH-60 Blackhawk aircraft without incident or loss of taxpayer dollars. Planned, coordinated and executed the successful deployment of a Forward Support Medical Evacuation Team to Saudi Arabia in support of Operation Southern Watch.

**Battalion Operations Officer, 36th Medical Evacuation Battalion,** June 1996 - May 1997

**Fort Hood, Texas**

Responsible for the coordination, planning and implementation of all ground and air medical evacuation operations in support of III Corps operational and contingency plans. Successfully coordinated, planned and executed simultaneous medical support comprising of three air ambulance units, one ground ambulance unit, two area support medical units and one forward surgical team consisting of over 750 soldiers, 51 aircraft and 195 vehicles worth in excess of $99 million. Responsible for the successful execution of the Fall 1996 Expert Field Medical Badge competition, the successful deployment to the Army Medical Exercise (San Antonio), successful deployment in support of Operation Intrinsic Action (Kuwait), and successful deployments in support of Joint Task Force 6 (Counter-Drug Operations).

**Battalion Operations Officer, 21st Combat Support Hospital,** June 1995 - June 1996

**Fort Hood, Texas**

Responsible for the coordination, planning and implementation of all hospitalization operations in support of III Corps operational and contingency plans. Responsible for the combat and medical preparedness of 235 soldiers and the hospital’s ability to effectively treat up to 296 casualties simultaneously. Planned, coordinated and successfully executed a medical training program for this 235-soldier organization, resulting in the successful deployment to the Joint Readiness Training Center, Fort Polk, Louisiana. Planned, coordinated and successfully executed the deployment of personnel and equipment in support of ongoing medical operations in the Former Yugoslavia, Haiti, Honduras and the Former Soviet Union.

**Threat Manager/ Senior Intelligence Officer,** July 1992 - May 1995

**Fort Sam Houston, Texas**

Responsible for the management and execution of the United States Army Medical Department intelligence and vulnerability assessments program. Identified health and performance threats to U.S. soldiers and medical operations, and recommended solutions and countermeasures to such threats. Published “The Medical Threat Facing Force XXI” in the September/ October issue of the U.S. Army Medical Department Journal. Published the monthly U.S. Army Medical Department Threat Update, depicting numerous medical and conventional threats facing deploying soldiers worldwide. Developed, proposed and successfully implemented the United States Army Medical Evacuation infrastructure for the 21st century through the Medical Re-Engineering process.

**Commander, Aeromedical Evacuation Flight Section,** November 1987 – June 1991

**Fort Benning, Georgia**

Directly responsible for the training, welfare and professional development of 36 medical aidmen, aircraft mechanics, and helicopter pilots. Directly responsible for the procurement, maintenance and disposition of six medical evacuation aircraft, organic medical equipment and supplies. Major additional duty of Unit Property Book Officer directly responsible for the accountability and disposition of 15 air ambulance (UH-60) helicopters and mission essential medical equipment valued in excess of $82.5 million, and a command operating budget of $102 thousand. Planned, coordinated and executed medical treatment and evacuation support to over 2,500 U.S. and Honduran soldiers. Developed a working knowledge of the countries of Honduras, El Salvador and Nicaragua, and served as translator for Joint Medical Task Force. Planned, coordinated and executed medical evacuation support to over 2,000 U.S. soldiers in support of the 1988 Yellowstone National Park firefighting effort, and the 1989 Exxon Valdez Oil Spill cleanup effort.

**Commander, Medical Treatment Platoon,** August 1985 – October 1986

**Camp Stanley, South Korea**

Directly responsible for the training and management of 36 medical personnel (including aidmen and physicians), and medical equipment, vehicles and supplies organic to the unit valued in excess of $250 thousand. Planned, coordinated and executed medical treatment, hospitalization and evacuation support to over 5,000 U.S. and Republic of Korea soldiers. Developed working knowledge of the country of South Korea.

**ACADEMIC HONORS AND SCHOLARSHIPS**

Appointed Faculty Member, Department of Global Public Health, George Washington University, January 2003 through present. Guest lecturer in a multitude of Graduate and Undergraduate-level courses in the School of Public Health and Health Services, George Washington University, 2002-present.

Appointed Associate Professor, School of Public Health, University of Texas Houston Health Science Center, April 2006 through present. Serve as primary instructor for the following courses:

* Strategic Leadership in Public Health
* US Healthcare Systems Policy and Management
* CAPSTONE Course for Masters in Public Health

Served as a primary instructor, Aeromedical Evacuation in a Theater of Operations; Medical Threat Facing the Army, Academy of Health Sciences, Fort Sam Houston, Texas, 1990 1992.

U.S. Army Medical Department Scholarship Recipient for fully-funded, 3-years of Graduate Studies in Global Health, George Washington University, Washington, DC (2000 2003).

U.S. Army Medical Department Scholarship Recipient for fully-funded, 2-years of Graduate Studies in Strategic Intelligence, (1991 1992).

U.S. Army Reserve Officer Training Corps Scholarship Recipient for fully-funded, 4-years of Undergraduate Studies at the University of Florida (1981 1985).

**MILITARY AWARDS**

Bronze Star Medal, 2005

Meritorious Service Medal, 2nd Award, 1998

Army Commendation Medal, 3rd Award, 1996

Army Achievement Medal, 4th Award, 1995

National Defense Service Medal, 2nd Award 2004

Humanitarian Service Medal, 1991

Joint Services Achievement Medal, 1990

Korea National Defense Medal, 2004

Senior Army Aviator Badge, 1990

Expert Field Medical Badge, 1986

U.S. Department of the Army Staff Badge, 2004

**PUBLICATIONS**

Cooper SP, Alamgir H, Whitworth KW, Gorrell NS, Betancourt JA, Cornell JE, Delclos G, Douphrate DI, Gimeno D, Marko D, Kim SY, Sagiraju HR, Tucker DL, Whitehead LW, Wong NJ, Hammill TL, Senchak AJ, Packer MD. The Department of Defense Epidemiologic and Economic Burden of Hearing Loss Study.

Mil Med. 2014 Dec;179(12):1458-64

Alamgir H, Tucker DL, Kim SY, Betancourt JA, Douphrate DI, Cooper SP, Whitworth KW, Wong NJ, Sagiraju HKR, Marko D, Gorrell NS, Cornell JE, Gimeno D, Hammill TL, Senchak AJ, Packer MD. The Economic Burden of Hearing Loss for the US Military: A Framework for Estimation.

Military Medicine. MILMED-D-14-00612. (In Press)

Hasanat Alamgir, Ph.D; Caryn Turner, MPH; Nicole Wong, MPH; Sharon Cooper, Ph.D; Jose Betancourt, DrPH; James Henry, Ph.D; Andrew Senchak, MD; Tanisha Hammill, MPH; Mark Packer, MD.

The impact of hearing impairment and noise-induced hearing injury on quality of life in the Active-duty military population: Challenges to study Military Medical Research (In final stage of acceptance) MMRJ-D-15-00035

Hasanat Alamgir, Lung-Chang Chien, Xiao Yu, David Tucker, Caryn Turner, Jose Betancourt, Sharon Cooper, LTC Andrew Senchak, Colonel Mark Packer, Tanisha Hamill. Outpatient Costs of Hearing Impairment and Noise-Induced Hearing Injury borne by the U.S. Department of Defense. To be submitted (Under review by the DoD Hearing Center of Excellence)

Hasanat Alamgir, Lung-Chang Chien, Xiao Yu, David Tucker, Caryn Turner, Jose Betancourt, Sharon Cooper, LTC Andrew Senchak, Colonel Mark Packer, Tanisha Hamill. Estimating costs through Markov Models: Economic Burden of Hearing Loss to the US Military. To be submitted (In Preparation by UT)

Hong, R., Betancourt, J.A., Ruiz-Beltran, M. Passive smoking as risk factor of anemia in young children aged 035 months in Jordan. In progress.

Betancourt, J.A., Evaluation of ICD-9 Codes for Syndromic Surveillance in the Electronic Surveillance System for the Early Notification of Community-based Epidemics (ESSENCE). Military Medicine (November 2006), 172 (4), 346-352.

Betancourt, J.A., Hong, R. Building the Afghanistan National Army’s Defense Health Sector: A Lesson in Little Victories One Day at a Time. Australasian Journal of Human Security Volume 2, Number 2, 2006.

Betancourt, J.A., Building the Afghanistan National Army’s Defense Health Sector. Presentation to the Joint Health Planners Symposium, San Antonio, Texas, August 2006.

Hong, R., Banta, J.E., Betancourt, J.A. Relationship between Household Wealth Inequality and Chronic Childhood Under-nutrition in Bangladesh. Accepted for publication in International Journal of Inequity in Health. November 2006; 5:15 (5 December 2006).

Betancourt, J.A., Military Hospital Training Focuses on Critical Needs, Defense and Security Highlights, Afghanistan, January 13, 2005.

Betancourt, J.A., ANA Medical Delegation Presents Findings at International Congress of Military Medicine, Defense and Security Highlights, Afghanistan, November 21, 2004.

Hong, R. and Betancourt, J.A. The Provision of Health Care in Cambodia at a Glance. Economic Institute of Cambodia, July-September 2004, pg. 12-15.

Betancourt, J.A., The Medical Threat Facing Force XXI, U.S. Army Medical Department Journal, September/October 1994.

**ADDITIONAL INFORMATION**

HIGHEST FEDERAL MILITARY GRADE: O-5, Lieutenant Colonel, US Army

HIGHEST SECURITY CLEARANCE HELD: Top Secret

LANGUAGE PROFICIENCY: Fluent in English and Spanish

**Co-Presenter**

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| June 02, 2014 | The American Industrial Hygiene  Conference & Exposition; San Antonio | The Department of Defense Epidemiologic and Economic Burden of Hearing Loss Study:  Preliminary Results on Economic Burden. |
| June 3, 2014 | The American Industrial Hygiene  Conference & Exposition; San Antonio | The Department of Defense Epidemiologic and Economic Burden of Hearing Loss Study: Preliminary Results |
| May 19, 2015 | National Occupational Injury Research  Symposium  Kingwood, West Virginia | Economic burden of hearing loss in the US Military |
| March 28, 2015 | 2015 American Academy of Audiology  San Antonio, TX | Costs of hearing loss in the US Military |
| March 7, 2015 | American Auditory Society Scottsdale, Arizona | Inpatient and outpatient costs of hearing loss in the US Military: Preliminary findings |
| Mar 2, 2015 | Joint Defense/Veterans Audiology Conference 2015; Orlando | Clinical costs of hearing loss in the US Military |
| Mar 3, 2015 | Joint Defense/Veterans Audiology Conference 2015; Orlando | Challenges to Study the Impact of Hearing Loss on the Quality of Life in the Military Population |

**External Examiner**

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| Judson, Janak | 2011 Fall | PhD  (graduated) | US Military Health: The epidemiology of occupational risk factors and Long-term health across the life-course |