

Abstracts Not Presented

Every year, there are abstracts that could not be presented at our annual meeting for a variety of reasons. The fact that the abstracts were printed in the March 2017 issue of *Aerospace Medicine and Human Performance* does not mean that they were presented, only that they were accepted for presentation. It is important to remember that if an abstract was not presented, it should not be referenced. A total of 23 abstracts out of a possible 551 were not presented (4.17%).

The following abstracts were not presented at AsMA's 88th Annual Scientific Meeting, in Denver, CO, April 30–May 4, 2017:

[049] AVIATION-RELATED WORKERS' COMPENSATION CLAIMS, ALASKA 2014–2015

K.M. MOLLER, J.R. WATSON AND M.B. O'CONNOR

National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention, Anchorage, AK

[172] MEDICAL TRANSPORT OF PASSENGERS WITH LEG INJURY: OPERATIONAL, MEDICAL, AND ERGONOMICS ISSUES

H. DEREE AND B. VELDHUIJZEN VAN ZANTEN

Health Services, KLM, Schiphol, Netherlands

[177] EVALUATING AIRCRAFT ACCIDENT ANALYSIS OF AVIATION PSYCHOLOGISTS OF THE BUNDESWEHR

M.M. NITZSCHNER¹ AND M. STEIN²

¹German Air Force Centre of Aerospace Medicine, Cologne, Germany; ²Applied Military Psychology and Research Group, German Armed Forces Office, Hamburg, Germany

[238] PROFESSIONAL STRESS, COPING, PSYCHOLOGICAL WELL-BEING AND DENTAL ATTRITION AMONG AIRCREW OF INDIAN AIR FORCE

M.P. MARWAHA

Aviation Medicine, Air Force Central Medical Establishment, Delhi, India

[252] THE ROLE OF CSF IN SPACEFLIGHT-INDUCED OCULAR DEFORMATIONS AND VISUAL IMPAIRMENT

N. ALPERIN¹, A. BAGCI¹, S. LEE¹, B.L. LAM¹ AND C. OTTO²

¹University of Miami, Miami, FL; ²NASA, Houston, TX

[283] LONG TERM EVALUATION OF RETINAL ARTERY OCCLUSION PATIENTS THAT WERE APPLIED HYPERBARIC OXYGEN TREATMENT

S. ILBASIMIS¹ AND S.H. GUNDUZ²

¹Medical Research Dept., Turkish Aeromedical Research Center, Eskisehir, Turkey;

²Dept. of Aerospace Medicine, University of Health Sciences, Eskisehir, Turkey

[287] EFFECTS OF SHORT TERM HYPOBARIC AND NORMOBARIC HYPOXIC PRECONDITIONING ON ACUTE HYPOXIA EXPOSURE IN MICE

J. YANG AND J. MA

Department of Aerospace Physiology, Fourth Military Medical University, Xi'an, China

[288] NEUROIMAGING SURVEILLANCE OF HYPERBARIC OXYGEN CHAMBER TECHNICIANS

D.B. DOUGLAS

Flight Surgery/Neuroradiology, Travis AFB, Davis, CA; Neuroradiology, Stanford University, Palo Alto, CA

[296] EPIDEMIOLOGIC STUDY OF U.S. AIR FORCE MUSCULOSKELETAL INJURY DETECTION AND PREVENTION (RECORDS REVIEW & SURVEY): PHASE I LITERATURE REVIEW

H. MAHANEY^{1,2}, M. WADE¹, C. RULON^{1,3} AND B. GREENWELL^{1,4}

¹USAFSAM/FH, Air Force Research Lab, Wright-Patterson AFB, OH; ²JYG Innovations, Dayton, OH; ³ORISE, ORAU, Wright-Patterson AFB, OH; ⁴INFOSCITECH, Dayton, OH

[332] A BROAD OVERVIEW OF OPERATIONAL EPIDEMIOLOGY APPLICATION TO VARIOUS INQUIRIES FROM THE INTELLIGENCE, SURVEILLANCE, AND RECONNAISSANCE COMMUNITY

A. TURNER¹, H. REED², M.E. MILLER³ AND P. SHORTER¹

¹School of Aerospace Medicine, USAF, Beavercreek, OH; ²Force Health Protection, USAF School of Aerospace Medicine, Centerville, OH; ³AFIT, Wright-Patterson AFB, OH

[334] GROUND-BASED PERFORMANCE EVALUATION OF A VISION+INERTIAL NAVIGATION SYSTEM FOR ISS NET HABITABLE VOLUME ESTIMATION

K.R. DUDA¹, T.J. STEINER¹, R.A. DEFONZO¹, P.A. DEBITETTO¹, J.J. WEST¹ AND G.E. CHAMITOFF^{2,3}

¹Draper Laboratory, Cambridge, MA; ²Texas A&M University, College Station, TX;

³University of Sydney, Sydney, Australia

[364] WHAT YOU NEED TO KNOW ABOUT STAMP: SYSTEMS-THEORETIC ACCIDENT MODEL AND PROCESSES

S.M. POWELL¹, B. THORNBERG¹ AND N. POWELL-DUNFORD²

¹Synsensys, Peachtree City, GA; ²Exchange Officer, USAARL, AE

[366] PILOT CUEING SYNERGIES FOR DEGRADED VISUAL ENVIRONMENTS

A.M. MCATEE, D. RUSSELL, D. SWANBERG, J. STATZ AND T. HARDING

USAARL, Ft Rucker, AL

[376] THE EFFECTS OF "SMART" SLEEP PLUGS ON AUDITORY ATTENTION AND AUDITORY REACTION

A.N. FULBRIGHT¹, S. HOLLONBECK¹ AND E.R. REEVES^{1,2}

¹Auditory Protection and Performance Division, USAARL, Fort Rucker, AL; ²Laulima

Government Solutions, Orlando, FL

[384] LIGHT-EMITTING DIODES, LASER EYE PROTECTION, AND AVIATION SIGNAL LIGHTING: CHALLENGES AND POTENTIAL SOLUTIONS

K.M. GILDEA

Federal Aviation Administration, Norman, OK

[407] THE STUDY ON EVALUATION PARAMETERS OF PSYCHOLOGIC FUNCTION FOR FEMALE PILOTS

Y. ZHANG, Y. CHEN, Z. WANG, Q. YAO, D. TIAN, Z. JIN AND L. YU

Health Assessment, Institute of Aviation Medicine, Beijing, China

[422] ACUTE RESPIRATORY RESPONSES TO +GZ ACCELERATION DURING CENTRIFUGE TRAINING

S. ILBASIMIS¹, E. DEMIR², N. KÜÇÜK¹ AND S.H. GUNDUZ²

¹Medical Research Dept., Turkish Aeromedical Research Center, Eskisehir, Turkey;

²Dept. of Aerospace Medicine, University of Health Sciences, Eskisehir, Turkey

[447] AIR MEDICAL TRANSPORTATION OF THE TRAUMA PATIENT IN CARDIAC ARREST

E.F. URQUIETA¹ AND J. VARON^{1,2}

¹DMA, Houston, TX; ²UTMB, Galveston, TX

[460] REDESIGN OF A 3D-CLINOSTAT

E.R. DE CARVALHO¹, M.A. DOS SANTOS² AND J.M. DE LIMA¹

¹School of Engineering, PUCRS, Porto Alegre, Brazil; ²Pharmacy, PUCRS, Porto Alegre, Brazil

[462] DEVELOPMENT OF A CAUTION AND WARNING SYSTEM FOR THE AOUA SPACESUIT SIMULATOR DURING MARS ANALOGUE MISSION EXTRAVEHICULAR ACTIVITY

R.P. KRISTJÁNSSON^{1,3}, T. RUSSOMANO^{2,3}, D.D. MASTERS^{1,3}, A. NELSON¹, C. LÜTHEN¹ AND G. GROEMER¹

¹Austrian Space Forum, Reyjavik, Iceland; ²Microgravity Centre - PUCRS, Porto Alegre, Brazil; ³Centre for Human & Aerospace Physiological Sciences, King's College London, London, United Kingdom

[468] COGNITION AND PSYCHOMOTOR EFFECTS OF ACUTE MODERATE HYPOXIA

S. ILBASIMIS¹, S.H. GUNDUZ² AND E. DEMIR²

¹Medical Research Dept., Turkish Aeromedical Research Center, Eskisehir, Turkey;

²Aerospace Medicine, Health Sciences University, Eskisehir, Turkey

[491] CHARACTERIZATION OF PATIENT VIBRATION EXPOSURE DURING AEROMEDICAL EVACUATION ON THE C-130H

D.S. BURCH², S.D. SMITH¹, B. FOUTS³, D. POHLMAN², C. HARDING² AND C. MCALLISTER-PETERSON²

¹711 Human Performance Wing, Knowledge Preservation Program (ORISE), USAF, Wright-Patterson AFB, OH; ²USAF School of Aerospace Medicine, Wright-Patterson AFB, OH; ³Aeromedical Research Department, Wright-Patterson AFB, OH

[508] A COMPARISON OF COCKPIT UV EXPOSURE IN SEVERAL MEDIUM ALTITUDE AIRCRAFT

T. POWELL², S.C. DILLARD¹ AND A. CHORLEY¹

¹U.S. Air Force, APO, AE; ²Uniformed Services University of the Health Sciences, Bethesda, MD