

## 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 2018 issue of Aerospace Medicine and Human Performance does not guarantee 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 22 abstracts out of a possible 477 were not presented (4.6%).

In addition, there are occasionally omissions or errors in authorship of abstracts. This year there were 2 such errata:

For Abstract 019, there should be two additional authors listed: Curtis Hardy and Michael Wagner. The correct citation is:

### [019] THE ZEBRA OF BELL'S PALSY MEETS SARCOIDOSIS

G.T. GIZAW<sup>1</sup>, C.L. HARDY<sup>2</sup>, AND M.R. WAGNER<sup>3</sup>

<sup>1</sup>Graduate Medical Education, Naval Aerospace Medical Institute, Pensacola, FL;

<sup>2</sup>Graduate Medical Education, Naval Medical Center Portsmouth, VA;

<sup>3</sup>Department of Neurology, Naval Medical Center of Portsmouth, VA

For Abstract 89, the first author should be M.A. Hoffman, not F.M. Jakobs, as printed in the program. The correct citation is:

### [089] DIAGNOSTIC PERFORMANCE OF MRI / US-FUSION-BIOPSY TO DETECT CLINICALLY RELEVANT VS. NON-RELEVANT PROSTATE CANCER IN PILOTS

M.A. HOFFMANN<sup>1,2</sup>, F.M. JAKOBS<sup>3</sup>, C. RUF<sup>4</sup> AND M. SCHRECKENBERGER<sup>1</sup>

<sup>1</sup>Department of Nuclear Medicine, Johannes Gutenberg-University Mainz, Mainz, Germany; <sup>2</sup>Supervisory Center for Medical Radiation Protection, Bundeswehr Medical Service Headquarters, Koblenz, Germany; <sup>3</sup>Department of Epidemiology, German Air Force Centre of Aerospace Medicine, Fuerstenfeldbruck, Germany; <sup>4</sup>Department of Urology, Bundeswehr Central Hospital, Koblenz, Germany

The following abstracts were not presented at AsMA's 89th Annual Scientific Meeting, in Dallas, TX, May 7-10, 2018:

### [034] PAST PRESENT AND FUTURE OF A COMMERCIAL SHORT HAUL AIRLINE'S FATIGUE RISK MANAGEMENT SYSTEM

T. STEVENSON<sup>1,2</sup>

<sup>1</sup>The Healthy Company.com, Shoreham by Sea, United Kingdom; <sup>2</sup>Health and Human Performance, easyJet airline company limited, Luton, United Kingdom

### [084] AVIATION-RELATED NON-FATAL INJURIES AND ILLNESSES BASED ON WORKERS' COMPENSATION CLAIMS, ALASKA 2014-2015

K.M. MOLLER<sup>2</sup>, J.R. WATSON<sup>2</sup> AND M.B. O'CONNOR<sup>1</sup>

<sup>1</sup>National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention, Anchorage, AK; <sup>2</sup>National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention, Spokane, WA

### [091] AN ANALYSIS OF MEDICAL CONDITIONS IMPACTING FITNESS IN FEMALE AIRCREW OF THE INDIAN AIR FORCE (IAF)

S.S. NAIR<sup>1</sup> AND P. RENJHEN<sup>2</sup>

<sup>1</sup>Medical Training Centre, Indian Air Force, Bangalore, India; <sup>2</sup>Medical, Indian Air Force, Delhi, India

### [129] ALCOHOL RELATED SEIZURES

J.D. HASTINGS

Aeromedical Neurology LLC, Tampa, FL

### [136] ROYAL CANADIAN AIR FORCE FLIGHT SAFETY: YEAR-IN-REVIEW 2017

T. BROOKS

Director of Flight Safety, Canadian Armed Forces, Ottawa, ON, Canada

### [162] OPEN COMMUNUTED TIB/FIB FRACTURE AFTER DRUNK DRIVER HITS A FIGHTER PILOT: A CASE REPORT

Z. POWERS

U.S. Air Force, Columbus AFB, MS

### [213] OXYGEN SYSTEM PERFORMANCE RESEARCH TO RESOLVE PILOT PHYSIOLOGICAL EVENTS

G.W. MILLER

U.S. Air Force, DoD, Wright-Patterson AFB, OH

### [300] MORAL DISTRESS IN THE CRITICAL CARE AIR TRANSPORT NURSE: A PHENOMENOLOGICAL EXAMINATION

K.N. EATON AND M.A. WILSON

USAFSAM, U.S. Air Force, Wright-Patterson AFB, OH

### [307] JOHN GLENN'S RETURN TO FLIGHT: ASTRONAUT CREW MEDICAL OFFICER PERSPECTIVE

S. PARAZYNSKI

Fluidity Technologies, Houston, TX

### [322] DEALING WITH ARREST DURING AEROMEDICAL EVACUATION

A.M. REFA<sup>1,2</sup>

<sup>1</sup>FMC-KAEC, Dr. Soleman Fakeeh hospital, Zarka, Jordan; <sup>2</sup>Family Medicine, Ex-Royal Medical Services, Amman, Jordan

### [329] COMBAT SWIMMING INDUCED PULMONARY EDEMA

J.W. CROMAR<sup>1</sup>, J.A. AUN<sup>1</sup> AND R. SARLAY<sup>2</sup>

<sup>1</sup>Internal Medicine, 81 MDOS/U.S. Air Force, Biloxi, MS; <sup>2</sup>Aerospace Medicine, HQ Air Force Reserve Command, Robbins Air Force Base, GA

### [343] AUTONOMIC NERVOUS SYSTEM ACTIVITY DURING SIMULATED FLIGHT

E.K. ZAWADZKA BARTCZAK<sup>1</sup> AND D.A. BARTCZAK<sup>2</sup>

<sup>1</sup>Internal Diseases, Military Institute of Aviation Medicine, Warsaw, Poland;

<sup>2</sup>Cardinal Stefan Wyszyński University, Warsaw, Poland

### [377] OPERATIONAL HEALTH UNITS IN AIR FORCE INTELLIGENCE: OVERVIEW OF A NEW CAPABILITY ENHANCING HUMAN PERFORMANCE

M. CUNNINGHAM<sup>1</sup> AND C. YOUNG<sup>2</sup>

<sup>1</sup>548th Intelligence, Surveillance and Reconnaissance Group, Beale Air Force Base, CA, Beale Air Force Base, CA; <sup>2</sup>25th Air Force, Joint Base San Antonio, TX

### [386] GENDER AND NATIONALITY DIFFERENCES IN SELF REPORTS OF AIR-SICKNESS IN COMMERCIAL FLIGHTS

S. RICE

Human Factors, ERAU, Viera, FL

### [389] COAGULOPATHY AND VASCULOPATHY – WOULD YOU LET THIS AIRLINE PILOT FLY?

P. MASRANI<sup>1</sup>, V. MASRANI<sup>1</sup> AND P. NAVATHE<sup>2</sup>

<sup>1</sup>V M Medical Centre, Mumbai, India; <sup>2</sup>The Maitland Hospital, Maitland, Australia

### [391] COGNITIVE EMOTIONAL CONTROL IN DECISION MAKING FOR HIGH-RISK CAREERS: CONCEPTS FOR THE DEVELOPMENT OF TARGETED MENTORSHIP

W. THOMPSON<sup>1</sup> AND W. CHAPPELLE<sup>2</sup>

<sup>1</sup>Neurostat Analytical Solutions, LLC, Alexandria, VA; <sup>2</sup>Aeromedical Operational Psychology, USAFSAM, Wright-Patterson AFB, OH

### [398] AN INNOVATIVE INNER-EAR-SENSOR TO MEASURE OXYGEN SATURATION DURING MILITARY FLIGHTS INCREASING SAFETY

A. WERNER<sup>1</sup>, H. ORTLEPP<sup>2</sup>, O. BRODERSEN<sup>2</sup>, A. STEINKE<sup>2</sup>, C. WITTMANN<sup>3</sup>, F. FISCHER<sup>4</sup> AND C. JUHRAN<sup>5</sup>

<sup>1</sup>Aviation Physiology Training Centre, German Air Force - Centre of Aerospace Medicine, Königsbrück, Germany; <sup>2</sup>Fachbereich optische Sensorik, CiS Forschungsinstitut für Mikrosensorik GmbH, Erfurt, Germany; <sup>3</sup>Koralewski Industrie-Elektronik oHG, Hambühren, Germany; <sup>4</sup>SpaceBit GmbH, Eberswalde, Germany; <sup>5</sup>Section II 3 c, German Air Force - Centre of Aerospace Medicine, Fürstenfeldbruck, Germany

### [402] INADVERTENT IMC TRAINING AND FATAL HELICOPTER EMERGENCY MEDICAL SERVICE ACCIDENTS

B. AHERNE<sup>1</sup> AND D.G. NEWMAN<sup>2</sup>

<sup>1</sup>Department of Aviation, Swinburne University, Melbourne, Australia;

<sup>2</sup>Aviation Medicine Unit, Monash University, Melbourne, Australia

### [428] SENIOR NAVAL AVIATOR WITH AN IMPROVEMENT IN HIS (VAS) VISUAL ANALOGUE SCORE FOR TINNITUS FOLLOWING AURICULOTHERAPY

C.G. KAHL

U.S. Air Force, Washington, DC

### [455] COLLISION AVOIDANCE FOR MINIMALLY-INVASIVE ROBOTIC SURGERY WITH DEEP NETWORK VISION DETECTION

J. CARLSON<sup>3</sup>, M. LOSEY<sup>4</sup>, E.T. PSOTA<sup>3</sup>, S. FARRITOR<sup>4</sup>, N. BILLS<sup>1</sup>, D. OLEYNIKOV<sup>1</sup>, M. MORIEN<sup>2</sup> AND L. PÉREZ<sup>3</sup>

<sup>1</sup>Surgery, University of Nebraska Medical Center, Omaha, NE; <sup>2</sup>College of Public Health, University of Nebraska Medical Center, Omaha, NE; <sup>3</sup>Electrical & Computer Engineering, University of Nebraska-Lincoln, Lincoln, NE;

<sup>4</sup>Mechanical & Materials Engineering, University Of Nebraska-Lincoln, Lincoln, NE

### [455] COLLISION AVOIDANCE FOR MINIMALLY-INVASIVE ROBOTIC SURGERY WITH DEEP NETWORK VISION DETECTION

J. CARLSON<sup>3</sup>, M. LOSEY<sup>4</sup>, E.T. PSOTA<sup>3</sup>, S. FARRITOR<sup>4</sup>, N. BILLS<sup>1</sup>, D. OLEYNIKOV<sup>1</sup>, M. MORIEN<sup>2</sup> AND L. PÉREZ<sup>3</sup>

<sup>1</sup>Surgery, University of Nebraska Medical Center, Omaha, NE; <sup>2</sup>College of Public Health, University of Nebraska Medical Center, Omaha, NE; <sup>3</sup>Electrical & Computer Engineering, University of Nebraska-Lincoln, Lincoln, NE;

<sup>4</sup>Mechanical & Materials Engineering, University Of Nebraska-Lincoln, Lincoln, NE

### Session S-063: PANEL: U.S. NAVY AEROMEDICAL DISPOSITION – CHALLENGING CASES FROM NAVAL AEROSPACE MEDICAL INSTITUTE (NAMI) PANEL # 2

, was cancelled, except that abstract 303 was moved into Session S-055. These abstracts were not presented:

### [301] NEUROCOGNITIVE EVALUATION SHOWED PILOT'S RECOVERY FROM A PHYSIOLOGIC EPISODE

S. CHEE

Psychiatry, Naval Aerospace Medical Institute, Pensacola, FL

### [302] REDUCED MONOCULAR VISUAL ACUITY IN AN AVIATOR AFTER RETINAL DISEASE: RETURN TO FLIGHT CONSIDERATIONS

M. RINGS

Ophthalmology, NAMI, Pensacola, FL

### [304] VERTIGO IN AN INSTRUCTOR PILOT FOLLOWING SCUBA AND FLIGHT ENVIRONMENT EXPOSURES

C.A. REESE

Otolaryngology, NAMI, Pensacola, FL