

SPACE MEDICINE BRANCH REPORT

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Space Medicine Branch Sponsors Panels

The Space Medicine Branch is co-sponsoring a double panel this year at the upcoming AsMA annual scientific meeting in Montreal, Canada on May 8, 2002. Branch members and others interested in Space Medicine are encouraged to attend.

Wednesday, May 8, 8:30 a.m.

MISSION TO MARS-PHYSIOLOGIC AND CLINICAL ISSUES-I

Chairs: B. Shender and P. Scarpa

Introduction

G. Mitchell

Toxicologic Hazards for a Mission to Mars

J. Myers

A Simulated Mission to Mars: Health Aspects of Radiation Exposure

W. Friedberg

A Trip to Mars: The Physiological Consequences and Possible Remedies

L. Tripp

Artificial Gravity and a Mars Mission

P. Scarpa

Ultra Violet Fluorescent Light for Vitamin D Replacement on Long Duration Space Flights

L. Eaton

Wednesday, May 8, 10:30 a.m.

MISSION TO MARS-PHYSIOLOGIC AND CLINICAL ISSUES-II

Chairs: B. Shender and P. Scarpa

Medical Systems and Medical Personnel for a Mission to Mars

P. Scarpa

Crew Selection and Psychological/Sociological Aspects of the First Mars Missions

K. Money

Concepts in Mars Habitat/EVA Suit Pressures and Breathing Gases

A. Pilmanis and J. Webb

Acclimation to a Reduced-Pressure Mars Habitat

J. Webb

Bioregenerative Life Support System Design Factors for Long Duration Space Flight

D. Doerr

In addition, other sessions and panels of space medicine interest to be presented at this year's meeting include:

Monday, May 6, 2:00 p.m.

ENHANCING HUMAN PERFORMANCE FOR LONG-DURATION SPACEFLIGHT

Chairs: D. Holland and S. Johnston

Monday, May 6, 4:00 p.m.

NEUROVESTIBULAR ISSUES FOR LONG-DURATION SPACEFLIGHT

Chairs: C. Oman and M. Reschke

Wednesday, May 8, 2:00 p.m.

ENVIRONMENTAL HEALTH ON MARS

Chairs: J. Jones and J. Charles

Thursday, May 9, 8:30 a.m.

SPACE MEDICINE

Chairs: K. Myers and P. Lee

Thursday, May 9, 10:30 a.m.

OPERATIONAL SPACE MEDICINE

Chairs: P. Scarpa and T. Marshburn

SPACE MEDICINE BRANCH YOUNG INVESTIGATOR AWARD

The Space Medicine Branch's Young Investigator Award is presented to a young investigator who is the primary author of an outstanding presentation in the area of Aerospace Medicine presented at the current Annual Scientific Meeting of the Aerospace Medical Association. In addition to being the primary author, the work must be original and the young investigator must be presenting at the Annual Scientific Meeting for the first time. The Award is intended to encourage young investigators new to the field of Aerospace Medicine.

The applicant must submit a draft manuscript if their presentation to the chair of the Young Investigator Award sub-Committee. To be considered for the 2002 award, manuscripts must be submitted by March 15, 2002 to:

K. Jeffrey Myers, M.D.

Space Medicine Branch

Young Investigator Award Chair

P.O. Box 540305

Merritt Island, Florida 32954

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