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SPACE MEDICINE BRANCH REPORT

Panels Sponsored by the Space Medicine Branch

The Space Medicine Branch is sponsoring two panels at this year's AsMA scientific meeting at the Detroit Marriott Renaissance Center in Detroit, MI. Both panels are scheduled to be presented on Tuesday, May 18, 1999.

Phase 1: Missions To Mir

Tuesday, 10:30 a.m., Brule Room

Chairs: Thomas Marshburn, M.D.

NASA-Johnson Space Center
Houston, TX
Judith Hayes
Wyle Labs
NASA-Johnson Space Center
Houston, TX

This panel will review the experiences and lessons learned in working with the Russians and providing medical support to long-duration spaceflight crewmembers during the U.S./Russian Phase 1 program, from 1995-98, which involved U.S. astronauts aboard the Russian Mir Space Station.

Presentations:

1. Phase 1 Missions Overview (Marshburn/Barratt).
2. Clinical Perspective of Physiology of Long-Duration Spaceflight and Readaptation to One-G: The Phase 1 Experience (Marshburn).
3. Lessons Learned from Shuttle-Mir: Topics from Behavioral Health and Performance (Flynn).
4. Environmental Health During the NASA/Mir Expeditions (Sauer/Pierson).
5. Rehabilitation from Long-Duration Spaceflight (McGinnis/Shepard).

Crewmember Interactions During Joint U.S./Russian Mir Missions

Tuesday, 2:00 p.m., Brule Room

(Co-sponsored with the Aerospace Human Factors Association)

Chairs: Nick Kanas, M.D.

University of California and VA
Medical Center
San Francisco, CA
Ellen Grund, M.S.
University of California
San Francisco, CA

This panel will present the results of a joint U.S./Russian investigator team that collected information on psycho-social issues of five U.S. and four Russian crews, and their supporting mission control personnel, during the U.S./Russian Phase 1 program.

Presentations:

1. Purpose and Panel Overview (Kanas).
2. Methods (Grund).
3. Results (Grund).
4. Conclusions and Countermeasures (Kanas).
5. Operational Perspectives from the Cosmonaut Psychological Support Group (Salnitskiy/Gushin).

Also, of potential interest to our Space Medicine Branch members at the upcoming meeting is a panel sponsored by the Aerospace Human Factors Association entitled "Human Performance Issues for Long-Duration Spaceflight" which will cover some of the critical areas associated with enhancing human performance during long-duration spaceflight. This panel is scheduled on Monday, May 17, at 10:30 a.m. in the Richard Room.

The Space Medicine Branch would like to encourage everyone at the AsMA scientific meeting in Detroit to attend the 90-minute plenary session by Drs. Anatoly Grigoriev and Inessa Kozlovskaya of the Institute of Biomedical Problems in Moscow. The session entitled "Mir Wrap-Up," plans to summarize the Life Sciences Program aboard the Russian Mir Space Station since its beginning. It is anticipated to be an outstanding session that will probably be the final word on the life science accomplishments of Mir. The session will be on Tuesday, May 18, at 8:30 a.m. in the Renaissance Room.

SMB's Young Investigator Award

The Space Medicine Branch Awards Committee is accepting applications for its Young Investigator Award for the 1999 year.

The Young Investigator Award is presented to an investigator who is the first author of an outstanding paper (slide or poster session) in the area of aviation and/or space medicine presented at the current or previous scientific meeting of the Aerospace Medical Association. In addition to being the first author, the work must be original and the investigator must be presenting at the annual scientific meeting of the Aerospace Medical Association 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 of their presentation. To be considered for the 1999 award, manuscripts must be submitted by the end of March 1999 to:

Lloyd Tripp
Space Medicine Branch
Young Investigator Awards
Committee Chair
60 South Garland Avenue

Advanced Trauma Flight Nurse Course (provided by the National Flight Nurse Association)

May 13-15, 1999

Ann Arbor, MI

Cost: \$300--NFNA members; \$400--non members.

CEUs Available: 18-20.

Maximum: 20 students.

Course material will be sent in advance.

Options: Stay at the Detroit Marriott Renaissance Center and take the shuttle to Ann Arbor (about 45 minutes) or stay in Ann Arbor.

Interested students must contact/send check to:

Chris Wagner, C/O Survival Flight, 1500 East Medical Center Dr.,
B1 352 Taubmann Center, Box 0307, Ann Arbor, MI 48109.
Phone: 734- 936-6070; e-mail: cwag@umich.edu

Detroit Hotel Name Change

The Westin Renaissance Hotel, the official hotel of the 1999 AsMA Annual Meeting, has changed its name to the Detroit Marriott Renaissance Center.

It's still the same great hotel and the same great location-- only the name has changed.

