The purpose of the International Space Medicine Summit is to bring together the leading physicians and space biomedical scientists from the space-faring nations for high-level discussions of the medical and biomedical challenges astronauts and cosmonauts experience in long duration flight.

Invitations to the Summit will be extended to nations that have an interest in or have flown humans and/or conducted biomedical research in space. The primary aims of the Summit are to foster increased communication, cooperation, and collaboration among the world’s top physicians and scientists in the space life sciences in order to facilitate successful human space exploration by promoting solutions that protect the health and well-being of the flight crews before, during, and after long duration missions in space; and, to enhance life on earth by applying the resultant advances in human knowledge and technology acquired through living and working in space.
THURSDAY—MAY 3, 2007

1800 – 1830 Registration
1830 – 1900 Opening Reception

FRIDAY—MAY 4, 2007

0800 – 0830 Continental Breakfast
0830 – 0900 Welcome and Introductions
Eugene H. Levy, Ph.D., Provost
Rice University
Bobby R. Alford, M.D.
Chancellor, Baylor College of Medicine
Chairman of the Board, CEO
National Space Biomedical Research Institute (NSBRI)
George W.S. Abbey, Ph.D., Senior Fellow in Space Policy
James A. Baker III Institute for Public Policy, Rice University

0900 – 1015 Vision for Space Exploration
Panel Moderator:
Karl Doetsch, Ph.D., Chairman of the Board, Athena Global, Canada
Speakers:
Scott J. Henowitz, Ph.D., National Aeronautics and Space Administration (NASA), USA
Anatoly I. Grigoriev, M.D., D.S., General Director, Institute of Biomedical Problems (IBMP), Russia
Volker R. Damann, M.D., European Space Agency (ESA)
Sloshch Tachihamana, M.D., Ph.D., Japan Aerospace Exploration Agency (JAXA)
Jean-Marc Comtois, M.D., Canadian Space Agency (CSA)
Franklin Chang-Diaz, Ph.D., Astronaut (Retired) NASA, USA

1015 – 1030 Break

1030 – 1115 Crew Perspectives of Long Duration Space Flight
Panel Moderator:
Charles F. Bolden, Jr., Astronaut, USMC (Major General, Retired)
Speakers:
MIR: Pavel V. Vinogradov, Cosmonaut, RSC Energia, Russia
ISS: Leroy Chiao, Ph.D., Astronaut, NASA (Retired), USA
ISS: James S. Voss, Astronaut, NASA (Retired), USA
ISS: Leroy Chiao, Ph.D., Astronaut, NASA (Retired), USA
SL: Joseph P. Kerwin, M.D., Astronaut, NASA (Retired), USA

1115 – 1230 Human Effects of Long Duration Space Flight Panel Discussion: Medical Events in Space (Evidence-Based)
Panel Moderator:
Jeffrey R. Davis, M.D., Director, Space Life Sciences, NASA, USA
Speakers:
Jonathan B. Clark, M.D., NSBRI, USA
Valeri V. Bogomolov, M.D., D.Sc., IBMP, Russia
Peggy Whitson, Ph.D., Astronaut, NASA, USA
Sloshch Tachihamana, M.D., Ph.D., JAXA, Japan
Nick Kanas, M.D., UCSF, USA

1230 – 1355 Luncheon

“Three Ingredients Essential to Space Exploration”
William H. Gerstenmayer, NASA, USA

1355 – 1400 Reception and Dinner

1400 – 1500 Human Effects of Long Duration Space Flight Panel Discussion: Environmental Events in Flight (Evidence-Based)
Panel Moderator:
Valeri V. Bogomolov, M.D., D.Sc., IBMP, Russia
Speakers:
David A. Wolf, M.D., Astronaut, NASA, USA
Vladislav Petrov, M.D., IBMP, Russia
Natalia Novikova, Ph.D., IBMP, Russia
Nigel Packham, Ph.D., NASA, USA
Marcelo Vasquez, M.D., Ph.D., NSBRI, USA
Mary Van Baalen, NASA, USA

1500 – 1600 Human Effects of Long Duration Space Flight Panel Discussion: Human Factors Events in Flight (Evidence-Based)
Panel Moderator:
Mihriban Whitmore, Ph.D., NASA, USA
Speakers:
David Dinges, Ph.D., NSBRI, USA
Vadim Guschin, Ph.D., IBMP, Russia
Frank Carpenter, M.D., NASA, USA
Jack W. Struer, Ph.D., AnaCapaca Sciences, Inc., USA
Lt. Col. Mike Fincke (USAF), Astronaut, NASA, USA

1600 – 1615 Break

1615 – 1715 Human Effects of Long Duration Space Flight Panel Discussion: Countermeasure Effects in Flight (Evidence-Based)
Panel Co-moderators:
Inessa Kozlovskaya, M.D., D.Sc., Ph.D., IBMP, Russia
Chuikin Savuin, Ph.D., NASA (Retired), USA
Speakers:
Pavel V. Vinogradov, Cosmonaut, RSC Energia, Russia
Hiroshi Oshihama, M.D., Ph.D., JAXA, Japan
Valeri V. Bogomolov, M.D., D.Sc., IBMP, Russia
Shannon Lucid, Ph.D., NASA, USA
Laura K. Barger, Ph.D., HIMS/NSBRI, USA
Michael L. Gernhardt, Ph.D., Astronaut, NASA, USA

1715 – 1830 Risk Management Approach, Risk Mitigation—Standards to Deliverables Panel Discussion:
Panel Co-moderators:
Jeanne L. Becker, Ph.D., Associate Director, NSBRI, USA
Kathy Laurinai, Deputy Director, Space Life Sciences, NASA, USA
Speakers:
Anatoly I. Grigoriev, M.D., D.S., IBMP, Russia
Jeffrey R. Davis, M.D., NASA, USA
Richard Williams, M.D., Chief Health & Medical Officer, NASA, USA
Donald P. McErlean, Ph.D., PAX, USA
Melchor J. Amnuai, M.D., FAA, USA
Francis Cucinotta, Ph.D., NASA, USA

1900 – 2100 Human Research (Becker lead)
Neal R. Pellis, Ph.D., NASA, USA
Boris Morukov, M.D., Cosmonaut, IBMP, Russia
Inessa Kozlovskaya, M.D., D.Sc., Ph.D., IBMP, Russia
Col. Bryan O'Connor, Astronaut, NASA, USA
Jean-Marc Comtois, M.D., ESA, Canada

SATURDAY—MAY 5, 2007

0830 – 0900 Continental Breakfast
0900 – 1000 Summary of: Challenges; Goals; Priorities; Suggestions for Cooperation, Coordination, and Collaboration; and, Methods for Future Communication, Next Steps
Speaker:
Jeffrey P. Surton, M.D., Ph.D., NSBRI, USA

1000 – 1030 Discussion

1030 – 1100 Closing
Speaker:
Anatoly I. Grigoriev, M.D., D.Sc., IBMP, Russia

SUNDAY—MAY 6, 2007

0830 – 0900 Continental Breakfast
0830 – 1000 Summary of: Challenges; Goals; Priorities; Suggestions for Cooperation, Coordination, and Collaboration; and, Methods for Future Communication, Next Steps
Speaker:
Jeffrey P. Surton, M.D., Ph.D., NSBRI, USA

1000 – 1030 Discussion

1030 – 1100 Closing
Speaker:
Anatoly I. Grigoriev, M.D., D.Sc., IBMP, Russia