Wednesday, November 12

8:30 AM - 4:30 PM  Pre-Meeting Workshop: "What Do You Need To Know About Doing Cell Biology Experiments in Space?" Nancy Searby, Moderator

Presenters:
E. Brinckmann, European Space Agency (ESA)
A. Cogoli, Space Biology Group
T. J. Goodwin, NASA Johnson Space Center
M. Hughes-Fulford, Univ of California
N. Ishioka, Japan Aerospace Exploration Agency
J. M. Jessup, Georgetown University
D. M. Klaus, University of Colorado at Boulder
W. T. McLamb, Kennedy Space Center
E. S. Nelson, NASA Glenn Research Center
H. Suzuki, Japan Space Forum
P. Todd, SHOT Inc.
J. Vandendriesche, NASA, Ames Research Center
J. J. W. A. van Loon, DESC, OCB-ACTA-VU
J. C. Vellinger, SHOT Inc.
M. Viso, CNES/DPI/E2U

3:00 PM  Registration Opens

7:30 PM  ASGSB Governing Board Meeting

Thursday, November 13

7:30 AM  Registration Opens

8:30 - 8:45 AM  Opening Remarks and Welcome (Dr. Frank Franz, President, UAH)

8:45 AM - 12:30 PM  Scientific Symposium I - The Cytoskeleton: Structure and Function During Spaceflight

8:45 - 9:05 AM  Millie Hughes-Fulford, Symposium Chair
9:05 - 9:15 AM  Marian Lewis, University of Alabama in Huntsville
9:15 - 10:00 AM  James Tabony, CEA Grenoble, France
10:00 - 10:15 AM  Break
10:15 - 11:00 AM  Andreas Sievers, Universität Bonn, Bonn, Germany
11:00 - 11:45 AM  Marianne Cogoli-Greuter, ETH Zürich, Switzerland
11:45 - 12:30 PM  Paul Janmey, University of Pennsylvania
SHORT PROGRAM – 2003 ANNUAL MEETING

12:30 - 2:00 PM  Lunch and Committee Meetings

2:00 – 3:30 PM  Concurrent Posters - Session I
   A. Undergraduate Student Poster Competition
   B. Graduate Student Poster Competition

3:30 PM  Break set out

3:30 – 5:00 PM  Concurrent Posters - Session II
   A. Undergraduate Student Poster Competition
   B. Graduate Student Poster Competition

5:00 - 6:00 PM  Update from NASA Headquarters, Terri Lomax

7:00 - 9:00 PM  Reception at the U. S. Space & Rocket Center

Friday, November 14

8:30 AM – 12:30 PM  Symposium II  Gravitational Influence on Biomolecular Engineering Processes
   8:30 - 9:05 AM  David Klaus, Symposium Chair
                   Joseph Ng, University of Alabama in Huntsville
                   Tim Hammond, Tulane University
   9:05 - 10:35 AM  Break
   10:35 - 11:45 AM  Louis Terracio, New York University
                     Ted Bateman, Clemson University
   12:30 – 2:00 PM  Lunch and Committee Meetings

2:00 – 4:00 PM  Concurrent Oral Sessions
   I. Cell Biology, Paul Todd, Chair
   II. Spaceflight Experiment Results, Karl Hasenstein, Chair

4:00 PM  Break set out

4:00 – 5:30 PM  Concurrent Posters - Session III
   C. Animal Development and Gravity Sensing; Space Physiology
   D. Cell Biology and Astrobiology
   E. Plant Growth, Development and Gravity Sensing
   F. Hardware and Spaceflight Experiment Development
   G. Education
SHORT PROGRAM – 2003 ANNUAL MEETING

6:30 – 9:00 PM  Banquet
9:30 PM           Student mixer

Saturday, November 15

6:30 – 8:30 AM  Governing Board Meeting
8:30 – 10:30 AM Concurrent Oral Sessions
                 III. Plant Biology, Chris Brown, Chair
                 IV. Animal Development and Gravity Sensing, Emily Holton, Chair
10:30 AM        Break set out
10:30 – 12:00 AM Concurrent Posters - Session IV
                 C. Animal Development and Gravity Sensing; Space Physiology
                 D. Cell Biology and Astrobiology
                 E. Plant Growth, Development and Gravity Sensing
                 F. Hardware and Spaceflight Experiment Development
                 G. Education
12:00 – 1:50 PM Lunch (buy and bring to Special Topics session)
12:20 – 1:50 PM Special Topics in Education and Outreach Tom Dreschel, Moderator
12:20 – 12:35 PM “Intro and Fundamental Space Biology Outreach Program”
                 Tom Dreschel
12:35 – 12:55 PM “NCSU NSCORT” Chris Brown
12:55 – 1:35 PM  “An Overview of the ALS NSCORT” Cary Mitchell
1:50 – 5:00 PM   Symposium III Astrobiology: Life in a Planetary Context
                 1:50 – 2:30 PM Rosalind Grymes, Symposium Chair
                 2:30 – 3:15 PM Christopher Chyba, Stanford University
                 3:15 – 3:30 PM Break
                 3:30 – 4:15 PM Alan Boss, Carnegie Institution of Washington
                 4:15 – 5:00 PM Lisa Pratt, Indiana University
8:30 AM - 5:00 PM  

Post-Meeting Workshop. Astrobiology: Looking into the Extremes of Life

Joseph Ng, Organizer/Moderator, University of Alabama in Huntsville

Michael Meyer, Program Director for Astrobiology, NASA HQ

Karl Otto Stetter, University of Regensburg, Germany

Jizhong Zhou, Oakridge National Laboratory

Lynn Rothschild, NASA Ames Research Center

Owen Garriott, University of Alabama in Huntsville

John Baross, University of Washington

Karen Nelson, Institute of Genomic Research, Rockville, MD