Spring 2010
FELLOWSHIP & TRAINEESHIP MEETING
Saturday, April 24, 2010, at University of Hawai‘i at Mānoa on Oahu
In POST 723

8:00 Registration, refreshments available (POST 703)
*NOTE: POST 723 will be open for setup.
9:00 Welcome – Dr. Ed Scott, Associate Director (POST 723)
Hawai‘i Space Grant Consortium Fellowship and Traineeship Program
9:05 Overview of Space Grant Activities – Dr. Luke Flynn, Director
Hawai‘i Space Grant Consortium

PRESENTATIONS

9:10 Samantha Jacob (UHM Fellow) – Are Martian Slopes Streaks Triggered by Dust Devils?
9:22 Yu Ming Cai (UHM Fellow) – Design and Analysis of Thermal Control Sub-System of Hawaii Satellite
9:34 Michael Andonian (UHM Fellow) – Guidance and Control of Autonomous Underwater Vehicles
9:46 Sophie Milam (UHH Fellow) – Bioremediation of Lunar Regolith Via Microbial Metabolism
9:58 Corey Shimabukuro (UHM Trainee) – Data Control for underwater Remotely Operated Vehicles (ROVs)

10:10 COFFEE BREAK (10:10am–10:30am): Poster presentations from the Windward CC CanSat Trainee team to report on their ARLISS efforts

10:30 Asael Temple (UHH Fellow) – Validation Techniques for Satellite Image Compression Algorithms

10:42 Premitivo Ames II, Todd Esposito, Joleen Iwaniec, Patrick Lancaster
(Windward CC) – University Student Launch Initiative

10:54 Michael Erorita (Kauai CC Trainee) – Antenna Tower and Ground Station

11:06 Adonara Elizabeth Mucek (UHM Fellow) – Changes in Deep Ocean Circulation from Last Glacial Maximum to Present

11:18 Jonathan Bauer (UHH Fellow) – Weather Modeling for Astronomy Observations at Kilohoku Observatory

11:30 GROUP PHOTO – Location: 1st Floor (Put on your best smile!) 😊

11:45 LUNCH BREAK – Location: POST 703 (11:45am–12:45pm) – Poster presentations by Dana Johnson (UHM Fellow) & Jeff Griffith (Kapiolani CC CanSat Trainee) on their preparation for the CanSat Competition in Armarillo, Texas.

12:45 Bao Jun Lei (UHM Fellow) – Design of Electrical Power Subsystem Using The CubeSat Stackable Interface

12:57 Nicole Wade (UHM Fellow) – Microbial Population Analysis of a Volcanic Subglacial Lake

1:09 Matthew Markley (UHM Fellow) – Characterization of Temperature Dependent Macrostructure and Internal Elastic Properties of Boron Nitride Coated SiC Fibers: Application to NASA Aerospace Materials Research

1:21 Zachary Lee-Ho (UHM Master’s Apprentice) – Momentum Management of HawaiiSat

1:33 End of Symposium

Thank you for your participation at our Spring 2010 Undergraduate Fellowship and Traineeship Symposium.

Please return your name badges at the end of the symposium.

MAHALO NUI LOA & ALOHA!!!