

THE FRONTIERS OF FLIGHT MUSEUM

MOON DAY

The 40th Anniversary of the First Moon Landing!

Sunday, July 19, 2009—1:00 to 5:00 p.m.

(The actual *Apollo 11* landing was on July 20, 1969, at 3:17 p.m. CDT)

THROUGHOUT THE MUSEUM:

Door prizes will be awarded every half-hour (from 1:30-5:00) in addition to the special prizes given during auditorium presentations.

Visitors will receive a "space kit" with space flight-oriented posters, mouse pads, Moon maps, stickers, puzzles, and other items, while supplies last.

IN THE HAMILTON FAMILY AUDITORIUM:

1:30-2:15: Marianne Dyson, former NASA Flight Controller and author of space-themed books including *Home on the Moon* for middle-school readers, presents "Next Step: The Moon" for families (see www.mdyson.com)

2:30-3:15: Craig Nelson (see www.craignelson.us) will speak about his newest book, *Rocket Men: The Epic Story of the First Men on the Moon*. Both he and Marianne Dyson will be available to sign their books throughout the day.

3:30-4:15: Ron DiIulio, Planetarium and Astronomy Lab Director in the Department of Physics at the University of North Texas, presents "How to Find a Fallen Star" about the origins of the solar system, and awards an actual meteorite from outer space to one lucky audience member.

IN THE TEXAS INSTRUMENTS CLASSROOM:

Chaz Hafey, Astronomy and Physics Lab Coordinator for Brookhaven College, fascinates students of all ages with actual lunar soil and rock samples provided by NASA. The program, at 2:00, 3:00 and 4:00 p.m., is free—but space is limited, so call (214) 350-1651 for a reservation.

IN THE MUSEUM MODEL SHOP:

The Dallas Area Rocket Society (DARS) will give a model rocket-building class at 2:30 p.m. for students age 10 and up. The \$25.00 fee includes the model rocket kit, two rocket motors and a one-year membership in DARS which provides students a launch venue for their rockets. Call (214) 350-1651 to enroll.

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MOON DAY— Sunday, July 19, 2009, 1:00-5:00 p.m. (Cont'd)

IN THE CONFERENCE ROOM (SECOND FLOOR):

2:00: Dr. James Carter, who developed simulated regolith (moon soil), explains how he created the material (known as JSC-1) and how NASA uses it to design equipment for use on future Moon missions.

3:00: Dr. John Hoffman, who designed atmospheric probes for three Moon missions, speaks about the Moon's atmosphere (yes, there is one!).

IN THE CREE MAIN EXHIBIT GALLERY:

CALLING ALL TREKKIES: Dallas author Richard L. Jefferies will sign copies of *Beyond the Clouds*, his biography of his brother Walter "Matt" Jefferies (see www.mattjefferies.com), who designed the Starship *Enterprise*, the Klingon Battle Cruiser, and other elements of the original "Star Trek" TV series for Gene Roddenberry.

Visitors can experience space-related demonstrations and displays throughout the day courtesy of the National Space Society of North Texas, the Lunar Library, the Dallas Area Rocket Society, the University of Texas at Arlington Planetarium, TCU's Monnig Meteorite Gallery, the Texas Astronomical Society and The Observatory, an astronomy and telescope store in Dallas (www.theobservatoryinc.com).

The Museum's own resident Rocket Scientist, "Dr. Moonwalker," will be at the *Apollo 7* spacecraft to answer questions about space flight and the Apollo Moon landings.

Susan Williams, a designated NASA/Jet Propulsion Laboratory Solar System Ambassador, will present a display of plant growth in simulated regolith (moon soil).

The Museum also presents new displays of recently-acquired artifacts from the Tim Anthony Jackson Collection—artifacts which range from examples of serious media coverage to the whimsical toys, games and souvenirs inspired by the nation's early space programs.

ACKNOWLEDGEMENTS:

The Museum extends our appreciation to the organizations providing items for our "space kits" and door prizes: NASA and its Lunar Science Institute, Lockheed Martin, Johnson Space Center, Science Systems and Applications, Inc., Google Lunar X-Prize, Lunar & Planetary Institute, the 2009 International Year of Astronomy, the Monnig Meteorite Gallery and the Utah State University Crop Physiology Laboratory.

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