

PEOPLE on the **MOVE****Human Resources reports the following personnel changes:****Key Personnel Assignments**

Milt Heflin was named Chief, Flight Director Office, Mission Operations Directorate.

Additions to the Workforce

Arturo Sanchez joins the Education and Student Programs Branch, Human Resources Office, as an Education Program Specialist.

Cynthia Maclean joins the Space Shuttle Procurement Office, Office of Procurement, as a Contract Specialist.

Quincy Harp joins the Robotics Operations Branch, EVA, Robotics and Crew Systems Operations Division, Mission Operations Directorate, as a Robotics Controller/Trainer.

Tammy Flowers joins the Electrical Systems Branch, Systems Division, Mission Operations Directorate, as a Flight Controller.

Quin Kroll and *Gregory Lin* join the Avionics Test and Analysis Branch, Avionic Systems Division, Engineering Directorate, as Electronics Engineers.

Jennifer Lesturgeon joins the Customer Support Office, Information Systems Directorate, as a Computer Engineer.

Ann Hill joins the Financial Management Division, Office of the Chief Financial Officer, as an Accountant.

Georgia Roberts joins the Financial Management Division, Office of the Chief Financial Officer, as an Internal Review Analyst.

Patricia Colston joins the Space Station Resources Management Office, Office of the Chief Financial Officer, as a Program Analyst.

Darryl Gaines joins the Avionics and Software Office, International Space Station Program, as Lead of the Station Management and Control Program Note Team.

Ryan Landon joins the Mission Support Office, Mission Integration and Operations Office, International Space Station Program, as an Increment Engineer.

Kevin Meehan joins the On-Orbit Engineering Office, Vehicle Office, International Space Station Program, as a Mission Evaluation Room Manager.

Sheryl Nazario joins the Administration Office, White Sands Test Facility, as a Program Analyst.

Constance Whorton joins the Medical Operations Branch, Medical Sciences Division, Space and Life Sciences Directorate, as a Clinical Nurse.

Promotions

Janie Perez was selected as a Financial Management Specialist in the Financial Services Branch, Financial Management Division, Office of the Chief Financial Officer.

Linda Crotts was selected as a Directorate Secretary in the Space and Life Sciences Directorate.

Reassignments to Other Directorates

Kathy Weisskopf moves from the International Space Station Program to the Public Affairs Office.

Bob Ess moves from the International Space Station Program to the Space Shuttle Program.

Robert Galvez moves from the International Space Station Program to the Space Shuttle Program.

James McDede moves from the Mission Operations Directorate to the Space Shuttle Program.

Pat Watson moves from the Space Shuttle Program to the International Space Station Program.

Bridget Johnson moves from the Mission Operations Directorate to the EVA Project Office.

Retirements

George Richeson of the Mission Operations Directorate.

Frank Svejcar of the Mission Operations Directorate.

James Stanley of the Center Operations Directorate.

Joseph Loftus of the Space and Life Sciences Directorate.

Resignations

Glen Van Zandt of the Human Resources Office.

Jeff Bantle of the Mission Operations Directorate.

Ken Crouse of the Engineering Directorate.

Steve Mai of the Safety, Reliability, and Quality Assurance Office.

DATES & DATA**July 2**

CLA-NSS meets: The Clear Lake area chapter of the National Space Society meets at 6:30 p.m. at the Parker Williams Branch of the Harris County Library at 10851 Scarsdale Blvd. For more information contact Murray Clark at 281-367-2227.

NSBE meets: The National Society of Black Engineers meets at 6:30 p.m. at Texas Southern University, School of Technology, first floor. For more information contact Kimberly Topps at 281-280-2917.

July 3

Quality Society meets: The Bay Area Section of the American Society for Quality meets at 6 p.m. at the Franco's Restaurant. For details contact Ann Dorris at x38620.

July 5

Communicators meet: The Clear Lake Communicators, a Toastmasters International Club, meets at 11:30 a.m. at Wyle Laboratories, 1100 Hercules, Suite 305. Other meetings will be held July 12, 19 and 26. For more information contact Allen Prescott at 281-282-3281 or Richard Lehman at 281-280-6557.

Warning System Test: The site-wide Employee Warning System performs its monthly audio test at noon. For more information contact Bob Gaffney at x34249.

July 10

Aero Club meets: The Bay Area Aero Club meets at 7 p.m. at the Houston Gulf Airport clubhouse at 2750 FM 1266 in League City. For more information contact Larry Hendrickson at x32050 or checkout www.bayareaaeroclub.org

IAAP Meets: The International Association of Administrative Professionals - Clear Lake / NASA Area Chapter presents Cecil Burdick from EventSource, a complimentary service for planning off-site meetings. Burdick has 15 years of hotel

sales experience and is able to advise on how to get a good contract and negotiate a better deal. The seminar will be held at 5:30 p.m. at the Friendswood Friends Church - 502 S Friendswood Drive (FM 518), Friendswood, TX 77546. Cost is \$12, which includes dinner. Please contact Jackie Almanza at jalmanza@wcn.net or at x47274 for more information and to register for the seminar.

July 11

MAES meets: The Society of Mexican-American Engineers and Scientists meets at 11:30 a.m. in Bldg. 16, Rm. 111. For details contact Margaret C. Delgado at 713-643-6097 or mcdelgad@aol.com.

Spaceland Toastmasters meet: The Spaceland Toastmasters meets on Wednesday mornings at 7 a.m. at the House of Prayer Lutheran Church 1515 Bay Area Blvd at Reseda. Other meetings will be held on July 18 and 25. For more information, contact Ava Sloan at 713-768-6336 or asloan@hal-pc.org

Spaceteam Toastmasters meet: The Spaceteam Toastmasters meet at 11:30 a.m. at United Space Alliance, 600 Gemini. Other meetings will be held on July 18 and 25. For details contact Patricia Blackwell at 281-280-6863.

Correction: Viewing Shuttle launches

JSC area civil servant and contractor employees can request a KSC Causeway Pass for a Shuttle launch by sending a written request via e-mail to the 'Protocol Office' on JSC's global list or by calling 281-483-2838. A causeway pass allows vehicles access and parking along the causeway near Cape Canaveral in Florida for a launch. It is an excellent unobstructed viewing area for the event. The requester should include a name, home address and the flight number of the launch they wish to attend.

NASA BRIEFS**NASA SELECTS FIRST MARS SCOUT CONCEPTS FOR FURTHER STUDY**

The ten most promising mission concepts of the 43 proposed to NASA for possible launch to Mars in 2007 were selected today to receive funding for six months of continued studies. Included in the ten concepts selected for study are missions to return samples of Martian atmospheric dust and gas, networks of small landers, orbiting constellations of small craft, and a rover that would attempt to establish absolute surface ages of rocks and soils.

NASA plans to evaluate the ten innovative concepts using rapid six-month studies as a means for jump-starting the identification of new Mars Scout missions that will compete for a possible launch in 2007. The proposals were submitted to NASA's Mars Exploration Program in the Office of Space Science in Washington, DC, in response to a call for proposals in March 2001. Those selected will receive up to \$150,000 each for the study.

Dr. Ed Weiler, Associate Administrator for Space Science selected the ten winners on the basis of overall scientific merit and potential for implementation under a total mission cost cap of \$300 million.

Next year, NASA plans to initiate a competition for small "Scout" missions to the Red Planet to broadly involve the scientific and aerospace communities in the Mars Exploration Program.

SATELLITES REVEAL HAWAII'S LONG TAIL OF WIND AND WATER

The Hawaiian Islands trigger an extraordinary interaction between wind and ocean that extends thousands of miles. This island effect is much larger than has ever been observed by scientists before.

Using data from Earth-observing satellites, researchers discovered a narrow, eastward-flowing ocean current that extends nearly 5,000 miles from Asia to Hawaii. While scientists have known of an eastward current off Asia for some years, this new research shows such a current could possibly have aided the islands' early settlers, thought to have sailed from the Far East.

In their paper, "Far-Reaching Effects of the Hawaiian Islands on the Pacific Ocean-Atmosphere," the authors describe a chain of events that begins when the steady westward trade winds and North equatorial current encounter the volcanically formed Hawaiian Islands standing tall in the middle of the Pacific Ocean. The islands force the winds to split, creating areas of weak winds behind the islands and strong winds on the islands' flanks. Individual wakes form behind the islands, but these merge into a broader wake about 150 miles to the west.

The study shows that the surface winds react to sea-surface temperature variations as small as a few tenths of one degree, indicating climate sensitivity much higher than has been previously thought. This new knowledge of ocean-atmosphere interplay will help improve climate models used to predict phenomena like El Nino and global warming.

SPACE CENTER Roundup

The Roundup is an official publication of the National Aeronautics and Space Administration, Johnson Space Center, Houston, Texas, and is published by the Public Affairs Office for all space center employees. The Roundup office is in Bldg. 2, Rm. 181. The mail code is AP121. The main telephone number is x38648, and the fax is x32000. Visit our website at: <http://www.jsc.nasa.gov/pool/roundup/weekly/> Electronic mail messages may be directed to:

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