



"We bring people to space — We bring space to people"

Marshall managers, retirees honored at Headquarters

NASA honored five current and past employees of the Marshall Center for their service to NASA during the 1999 Agency honors awards ceremony June 30 at NASA Headquarters in Washington, D.C. NASA Administrator Daniel Goldin presented the awards.

Center Deputy Director Carolyn S. Griner received the space agency's highest honor, the Distinguished Service Medal, for her extraordinary contributions to NASA's missions. Only 12 employees received the honor this year.

Goldin also recognized four Marshall Center employees chosen by President Clinton as recipients of the Presidential

Rank of Meritorious Executive for service in 1998. They are Sidney P. Saucier, Marshall's associate director; Frederick (Rick) D. Bachtel, deputy director of the Space Transportation Directorate; William E. Taylor, retired director of the former Science and Engineering Directorate; and Richard A. Marmann, retired manager of the former Flight Projects Office.

The Presidential recognition is awarded to employees demonstrating sustained accomplishment in their field. Only 252 of the federal government's nearly 2 million civilian employees were selected for the award this year.



Carolyn S. Griner



Sidney P. Saucier



Frederick D. Bachtel



William E. Taylor



Richard A. Marmann

Torch Relay to kick off Marshall's Apollo 11 Celebration, annual picnic

by Mike Wright

It's a route that symbolizes both the history and the future of the Marshall Center.

It's the same route that carried stages of the Saturn V that lifted the first Americans to the Moon in 1969. It carried the propulsion systems that in 1981 launched the Space Shuttle, America's first reusable launch vehicle. And, now it often carries components for America's future space transportation systems.

The 1.2-mile section of roads at the Center is the path a group of relay runners and joggers from Marshall will follow July 17. Those runners will represent generations of Marshall teams who have contributed so vitally to America's space transportation program. They'll also represent

generations of Marshall teams already at work on the most advanced space transportation systems the world has ever known.

"This will be a 'pass the torch' run in both a literal and a symbolic way," said Marshall's Jerry Berg, who is coordinating the easy-paced relay race.

The race is just one of many different celebration events scheduled, along with the annual Marshall Center picnic, to mark the 30th anniversary of Apollo 11, the mission that took humans to the surface of the Moon for the first time.

(For more information about the picnic or other events related to the Apollo 11 celebration, see pages 6 and 7.)

The relay will begin with a ceremony at

See *Celebration* on page 3

Annual Marshall Picnic is July 17

The annual Marshall Picnic will be held Saturday, July 17, at the Marshall picnic grounds. All NASA employees, contractors, retirees and family members are invited to attend. The theme for the picnic is "Celebrating the Past ... Creating the Future."

"The picnic is one of the many opportunities for the Marshall Team (including retirees) and their families to enjoy a fun-filled day of games, food, entertainment and

See *Picnic* on page 7

"Safety Starts Here"

— Safety slogan submitted by
John Pea, MP71

Key Personnel Announcements

In conjunction with the Center's restructure objective to increase the focus on assigned roles and missions, the following employees have been named or reassigned.

John R. Rogacki, a retired U.S. Air Force colonel, has been named director of the Space Transportation Directorate.

Rogacki's career spans more than 25 years of active military service as a commissioned Air Force officer. He served as acting director of the Weapons System Directorate for the Office of Deputy Undersecretary of Defense for Science and Technology at the Pentagon. His responsibilities encompassed the oversight of all Department of Defense programs in air, ground and sea platforms and their weapons, advanced materials and directed energy weapons.

Rogacki also served as director of the Propulsion Directorate and commander of the Air Force Research Laboratory at Wright Patterson Air Force Base, Ohio.

He successfully implemented a major reorganization of the Air Force Laboratory structure by combining the Phillips Laboratory Rocket Propulsion Directorate and the Wright Laboratory Aeropropulsion and Power Directorate. He has integrated Air Force research with the Navy, Army, NASA, Federal Aviation Administration, universities and U.S. and international aircraft companies.

Rogacki holds a doctorate and master's degree from the Department of Mechanical Engineering at the University of Washington in Seattle. He earned a bachelor's degree in engineering mechanics from the U.S. Air Force Academy in Colorado Springs, Colo. He has taught engineering at the Air Force Academy and was the first American engineer and military officer in 75 years to lecture at a top Russian university.

Ray J. Arnold is reassigned as manager of the Earth Sciences Department in the Science Directorate. He joined

Marshall in 1997 as deputy manager of the Global Hydrology Research Office, after a long and distinguished career at NASA Headquarters.

His federal career began in 1960 as a student trainee at Kennedy Space Center, Fla. He was reassigned to NASA Headquarters in 1982 where he held a series of responsible positions including director of the Communications Division; deputy assistant administrator for Communications Programs; director of the Communications and Information Systems Division; director of the Communications Division; deputy director of the Earth Science and Applications Division; and deputy director of the Environmental Observation Division.

Robin Henderson is reassigned as deputy for management of the Microgravity Research Program Office in the Science Directorate. She previously served as deputy for management in Marshall's Microgravity Research Program Office.

Henderson began her federal career in 1983 in the Program Planning and Control Office of the Hubble Space Telescope Office. In 1988, she became assistant to the manager of the Space Systems Projects Office, and held several key positions within that organization, including business manager and deputy manager of the Microgravity Projects Office.

Robert J. Jackson is reassigned as manager of the Microgravity Science and Applications Department in the Science Directorate. He had served as manager of the Microgravity Science and Applications Projects Office, within the Microgravity Research Program Office.

Since joining Marshall in 1962, he has held numerous positions, including manager of the Spacelab Operations Development and Logistics System Office; chief engineer of Spacelab Payload Integration in the Science and Engineering Directorate; and manager of the Space Station Operations and Utilization Office in the Flight Projects Office.

Tests prepare Chandra, Shuttle for July 20 launch

Two simulations — one involving the Chandra X-ray Observatory launch and operations team, and one involving the observatory's Inertial Upper Stage — are scheduled this week as part of the final preparations toward the launch of Space Shuttle Columbia. The Shuttle is scheduled to launch July 20, carrying Chandra, the world's most powerful X-ray telescope, to space.

On Thursday, July 8, the Inertial Upper Stage stand-alone countdown simulation is scheduled. The simulation, which ends Friday, is an exercise to ensure the booster will work properly.

The second simulation is scheduled Friday, allowing the entire Chandra team and crew of Columbia a final dress rehearsal.

Participating in the Chandra mission simulation will be Chandra's Operations Control Center in Cambridge, Mass.; Mission Control at Johnson Space Center in Houston; the Inertial Upper Stage control facility in Sunnyvale, Calif.; and the communications assets of both the Deep Space Network and the Tracking and Data Relay Satellite system.

In the past week, a series of tests were successfully completed on Chandra to

make sure the electrical connections and communications systems work properly. Chandra's flight batteries also have been charged in preparation for the flight.

Obituary

Sullivan-James, Burgess "Denise," 46, of Huntsville, died June 23. She worked as a contractor with Distributed Information Systems under the PRISMS contract. She supported NASA's Consolidated Payroll Office and was responsible for payroll activities at both Marshall and Johnson Space Center in Houston, and was named the DIS employee of the year two weeks prior to her death. She is survived by her husband Latham, and children Kreslyn, Leshawn, Christopher and James.

Reducing the cost of space transportation

Marshall selects 13 proposals for negotiations to develop technology for reusable launch vehicles

by Deana Nunley

Marshall has selected 13 proposals for negotiations to develop and demonstrate innovative technologies for reusable launch vehicles that could help reduce the cost of space transportation. The total estimated value of contracts and cooperative agreements is \$16 million.

Better performance, streamlined operations and lightweight, long-life components are among the launch vehicle improvements expected to result from this technology development effort.

Technologies selected for further development will lead to better airframes and propulsion systems for launch vehicles of the future. Advanced operations, long-life reusable boosters and propulsion systems fueled by a mixture of hydrogen peroxide and kerosene-based fuel are among the technologies to be developed.

"This new activity will advance technologies aimed at making space transportation more like today's airline transportation," said Frederick Bachtel, deputy manager of the Space Transportation Directorate. "The development of advanced reusable technologies for space transportation will significantly reduce the cost of getting to space and enhance U.S. commercial space launch competitiveness."

Selected proposers, work area and estimated cost to NASA are:

The Boeing Co.-McDonnell Douglas, Long Beach, Calif.; advanced reusable transportation technologies (composite panel

technologies); \$1.2 million Lockheed Martin Astronautics, Huntsville, Ala.; separate proposals for autonomous flight safety and peroxide upper stage hybrid technologies; \$4.7 million contract Southern Research Institute, Birmingham, Ala.; ultrasonic spectroscopy of bonded structures; \$100,000 contract Lockheed Martin Missiles and Space Systems, New Orleans, La.; composite liquid oxygen tanks for X-34; \$2.5 million (NASA share) cooperative agreement Space America Inc., Huntsville, Ala.; regenerative cooling of Fastrac rocket engine thrust chamber; \$900,000 contract Marshall Space Flight Center, Huntsville, Ala.; validation of aluminum metal matrix composite housings; \$800,000 contract Rocketdyne, Canoga Park, Calif.; turbopump development and advanced ignition peroxide technology; \$4 million (NASA Share) cooperative agreement TRW Space and Electronics Group, Redondo Beach, Calif.; advanced catalyst beds; \$400,000 contract Techland Research Inc., North Olmsted, Ohio; advanced inlet design technologies; \$70,000 contract Aerojet Corp., Sacramento, Calif.; monolithic catalyst bed; \$150,000 contract Orbital Sciences Corp., Chandler, Ariz.; hydrogen peroxide enrichment unit; \$800,000 contract FMC Corp., Philadelphia, Pa.; safe production and storage of peroxide; \$70,000 contract.

A total of 79 proposals was submitted in response to NASA Research Announcement 8-21, Cycle Two.

The writer, a contractor employed by ASRI, supports the Media Relations Department.

Celebration

Continued from page 1

9 a.m. at Marshall's Rocket Park. From there, participants will take Rideout Road south, then go west on Martin Road. The run will conclude at the Marshall picnic pavilion. The event will last about 30 minutes.

"We've enlisted about 30 relay runners from around the Center representing the Marshall organizations. They'll be followed by another large contingent of volunteer runners," said Berg, of Marshall's Media Relations Department. Additional volunteers wishing to participate should e-mail Berg.

"Our idea is to loosely pattern this on the Atlanta Olympics Torch Relay. This will be something that combines fun and

symbolism," Berg said.

Interest in the relay already has inspired volunteer runners spanning a wide range of ages and backgrounds. "We've enlisted people, some of whom have devoted more than 50 years of service to rocket building in Huntsville," Berg said. "One special group that we're counting on is the NASA Alumni League. In addition, we've enlisted participants from Marshall's Summer High School Apprenticeship Research Program. They represent the future. One special touch will be the involvement of several



classic cars to lead the way, courtesy of antique car buffs from Marshall and elsewhere."

Berg also encourages spectators to line the roadways to watch the event and cheer on the relay participants. Those who would like to do so may board buses beginning at 8:45 a.m. in the Marshall

Center picnic area to travel to the Rocket Park for the ceremony. Buses will return spectators to the picnic area following the ceremony.

The writer works in the Internal Relations and Communications Department.

Marshall Space Flight Awareness Honorees

Employees, contractors to be honored at STS-93 launch July 20

Thirty-eight employees and contractors are being honored for their significant contributions to the space program and their work on the Chandra X-ray Observatory payload managed by Marshall. The honorees will be hosted by NASA at Kennedy Space Center, Fla., for the scheduled July 20 launch of STS-93.



Romy Bal,
TRW



Annie R. Burns,
FD01



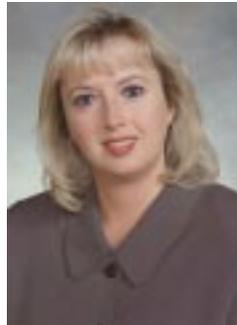
Amy B. Campbell,
PS24



Betty M. Canestrari,
SD81



Rodney D. Carleton,
New Technology Inc.



Melinda C. Carroll,
Lockheed Martin



Gale A. Charnell,
CD01



Hilda G. Davis,
GP51



Timothy W. Griswold,
Sverdrup Technology



Gary L. Dempsey,
New Technology Inc.



Cathy A. Fletcher,
SD50



Georgann Freeman,
MP41



Julia G. Goldberg,
SD10



Charlie O. Jones,
SAO



Judith E. Guin,
QS01



Vananda Hampton,
CD30



Beverly K. Haney,
TD02



William H. Hooper,
QS30



**Edna S. Laney,
ED44**



**Lori G. Linner,
K&M Computers Inc.**



**Nancy Lovell,
Boeing Rocketdyne
Propulsion & Power**



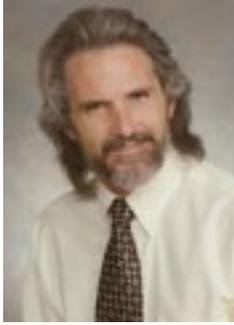
**Joe Maddox,
Boeing, Reusable
Space Systems**



**Daniel P. Mellen,
ED22**



**Pat Nearly,
TRW**



**Eric Osborne,
Hernandez Inc.**



**Marcus S. Osborne,
XP11**



**Clovis J. Payne,
CD10**



**Richard L. Peters,
ED12**



**Ruthie M. Pirtle,
RS50**



**Lowell E. Primm,
FD31**



**Everett Runkle,
MP21**



**Amy M. Schilling,
MP51**



**Melvin L. Scruggs,
AD02**



**Harvey Shelton,
FD21**



**Jeffery Scott Sparks,
ED34**



**John C. Stephens,
ED15**



**Norman E. Trentham,
QS20**



**Sharon White,
RS20**



Schedule for Apollo 11 30th Anniversary, Marshall annual picnic

Monday, July 12:

Proclamation Signing, 10 a.m., Marshall Center Director's Office

Huntsville Mayor Loretta Spencer, Madison Mayor Chuck Yancura and Chairman of the Madison County Commission Mike Gillespie will sign a joint proclamation recognizing Marshall's contributions to the Apollo program.

Friday, July 16:

Apollo Era Historical Footage, 8:20 a.m., Centerwide Television

Employees are encouraged to watch a broadcast of Apollo era historical footage timed to coincide with the historic launch of the Saturn V rocket that lifted off the pad at 8:32 a.m., July 16, 1969, to carry the first American astronauts to the Moon.

Homer Hickam Seminar/Book Signing, 10 a.m., Morris Auditorium, Bldg. 4200

Former Marshall employee Homer Hickam, author of "Rocket Boys," will talk about writing his book and filming the movie "October Sky." Following the seminar, he will hold a book signing in the lobby of Bldg. 4200. The NASA Exchange in Bldg. 4752 has copies of "Rocket Boys," as well as Hickam's latest book, "Back to the Moon." Each book is \$23.95.

Saturday, July 17:

Annual Marshall Center Picnic, 9 a.m.-3 p.m., Marshall Picnic Grounds

Games, parades, entertainment, exhibits, door prizes, food and other picnic fare will be enjoyed by employees, retirees, onsite contractors, their families and invited guests.

"Passing the Torch" Event, 9 a.m., Marshall Center Rocket Park

Kicking off Marshall's day-long celebration will be an easy-paced relay run to symbolize generations of Marshall teams "passing the torch" from the Apollo era to today, and taking it forward into the future. Parking for spectators will be available in the Marshall picnic area with bus transportation provided to and from the Rocket Park. Buses will leave the picnic area at

8:45 a.m.

"Footprints to the Future" Ceremony," 3 p.m., Von Braun Complex Courtyard

Buzz Aldrin and other Apollo astronauts have been invited to cast their footprints at the starting point of Marshall's pathway to the Moon, stars and beyond. Apollo astronaut Richard Gordon also is scheduled to participate. Expected to attend are Apollo astronauts Walter Schirra, Walter Cunningham, Edgar Mitchell, Alfred Worden and Charlie Duke. Skylab and Shuttle astronaut Owen Garriott also has been invited. The ceremony will include the unveiling of a work, designed by Marshall artist Jack Hood, representing the Center's future role in space transportation. Saturn era retirees will be seated in a special section of the complex courtyard. To reserve seats in that section, call Marcia Cobun of the Government and Community Relations Department at 544-1715 before Monday, July 12. Buses will leave the Marshall Center picnic area for the Von Braun Complex at 2:30 p.m. Buses will return to the picnic area following the ceremony.

Monday, July 19:

"Marshall Space Flight Center Recognition," U.S. Space & Rocket Center

The U.S. Space & Rocket Center has invited Marshall civil service employees to a 9 p.m. re-enactment of the first manned Moon landing. Limited complimentary tickets are available through Marshall organizational directors. Ticket prices, along with the schedule for other performances of the re-enactment, are available at 837-3400.

July 16 though Sept. 15:

NASA Art Exhibit at the Early Works Museum in Huntsville

The celebration at Marshall coincides with the start of the von Braun Celebration of the Arts and Sciences in Huntsville, celebrating the 50-year cultural and technological legacy of Dr. Wernher von Braun and members of his famed German rocket team. As part of the celebration, Marshall has arranged for the local premier of NASA's "The Dream is Alive" art exhibition at the EarlyWorks Museum. Admission to the art exhibition, on display through Sept. 15, is free.

Upcoming events for Von Braun Celebration of Arts & Sciences

The Von Braun Celebration of the Arts & Sciences is a yearlong series of events, performances, exhibits, and historical, cultural and educational programs that will begin July 16 and conclude in July 2000.

Upcoming events include:

The Alabama Printmakers: Envision-

ing Space Technology exhibit and artists reception July 16, 7-9 p.m.; Huntsville Museum of Art; no charge. The exhibit continues through Aug. 1. Call (256) 535-4350, ext. 217.

The NASA Space Art Exhibit July 16-Sept. 15; EarlyWorks Museum. Call (256) 564-8100.

July 17; SAIC/WAFF-TV and the Arts Council Kickoff Gala with Willard Scott; Von Braun Center. Premier of VBCAS film and Pointe Station's German Scientists meet the Be-Boppers and reception. Tickets, at \$50, \$25 and \$20, are available by calling (256) 519-ARTS.

Barbershop renews contract with NASA Exchange

by Debra Valine

The NASA Exchange recently renewed the five-year contract with S&H Barber Shop in Bldg. 4203. Marshall employees, contractors and family members are eligible to use the facility.



Photo by Terry Leibold

Ashley Hodge prepares to cut Michele Miller's hair at the S&H Barber Shop.

Ron Saddler and Art Hodge have been working as barbers at Marshall since 1963 and 1964, respectively, and have been partners in the Marshall shop since the early 1970s. Also on the team is Ashley Hodge, who has been with the shop for five years. Combined, they have 88 years of experience cutting hair.

"We have cut the hair of all but one Center director," said Saddler.

The barbershop offers everything from traditional men's haircuts to styling for men and women, hair coloring and permanents.

Ashley Hodge handles most of the women clients. "I usually have 10 to 15 customers a day," he said. "It depends on the type of service the client wants. Doing hair color or perms takes longer than a haircut."

Ashley likes to talk to his customer so that he understands what he or she expects from a haircut and how much time each spends on hair styling daily.

"Just because a haircut looks easy to care for in a picture doesn't mean that it will be easy to care for. Those haircuts where the model looks like she just ran her fingers through her hair require a lot of work. But if a client brings in a picture of a haircut that she wants, and her hair is suited to the haircut, I can cut it that way."

Traditional men's haircuts cost \$8. A shampoo, condition, style and blow dry costs \$16. Prices of services such as hair color or permanents vary, depending on length of hair and type of service provided. Hair coloring starts at \$40 and permanents start at \$35.

"Consultations for men or women are always free," Ashley said. "Anyone can do hair and make it look great, but if you cannot do it at home, the haircut is worthless."

"After having my hair cut there, I would not hesitate to recommend the barber shop to anyone," said NASA Exchange Manager Michele Miller.

Regular hours are from 8 a.m.-5 p.m. To schedule an appointment, call 881-7932.

The writer, a contractor employed by ASRI, is the Marshall Star editor.

Picnic

Continued from page 1

fellowship," said Dawn Cross, this year's picnic chairwoman.

There is no charge to attend the picnic. However, you may wish to purchase a meal ticket either for a barbecue chicken plate, barbecue pork plate or a garden burger with all the trimmings. Tickets are \$5 each.

Meal tickets are on sale through July 14 from 11 a.m.-12:30 p.m. at the cafeterias in Bldgs. 4203, 4610, 4471 and 4708, and at the NASA Exchange in Bldg. 4752. Hot dogs, chips, ice cream and drinks can be purchased at the picnic.

Some organizations have already adopted a booth for the day. However, volunteers are still needed, according to Cross. Those interested in volunteering should check to see if their organizations have adopted a booth or go to the picnic Website on "Inside Marshall" to sign up. One may also volunteer by calling Chip Sullins at 544-7335 or by e-mail no later than Friday.

Coed volleyball will begin the week of July 12, with the finals to be held July 16. Call Tim Huff at 544-4377 or Dana Tipton at 544-7879 for more information.

This year's picnic coincides with Marshall's celebration of the 30th anniversary of Apollo 11. At 8:45 a.m. July 17, buses will be available for picnic participants to travel to Marshall's Rocket Park to watch an easy-paced relay run beginning at 9 a.m. that will symbolize generations of Marshall teams passing the torch from the Apollo era to today. Buses will return to the picnic area after an opening ceremony.

Following the kickoff run will be the children's parade. At the children's stage there will be two performances by the Community Ballet Association, two magic shows by Murphy the Magician and two shows by Sparkles the Clown.

Following the picnic, door prizes will be awarded after an Apollo 11 ceremony in the courtyard of the Von Braun Office Complex. Picnic participants who wish to travel from the picnic areas to the dedication ceremony may board buses beginning at 2:45 p.m. Buses will return to the picnic area following the ceremony and the door prize awards. Employees must be present at the drawing to win the prizes.

Employee Ads

Miscellaneous

- ★ Golf clubs, bag and cart, \$75. 536-8951
- ★ Pioneer A/V receiver, CD, tape deck, Kenwood speakers, cabinet, \$200; color TVs, 19"/\$40; 25"/\$80; \$100/both. 882-9042
- ★ All God's Children figurines, some retired, 1/2 of list price. 650-5375
- ★ Cavalier mobile home, 14'x70', 2 bedrooms, 2 baths, 2 porches, underskirting, light pole included, \$12,900. 586-2068
- ★ Sony DVP-S530D DVD/CD player, new in box, Dolby digital decoder/DTS compatible, \$325. 880-1544
- ★ Sears Kenmore electric clothes dryer, white; six-leg children's swing set; \$95 each. 881-6040
- ★ Firewood, hardwood, needs splitting, \$. 882-2076
- ★ Kenmore heavy-duty washing machine, 8 yrs. old, \$75 obo. 882-6446

Vehicles

- ★ 1988 Mercury Sable wagon, 3.8L, all options, 285K miles, well maintained, \$2,100 obo. 828-6213
- ★ 1993 Chevrolet extended cab pickup truck. 882-7928
- ★ 1991 Allegro Bay, 41K miles, 34', jacks, icemaker, other extras, \$31,500. 881-2435
- ★ 1991 Chevy van, G20, 6 cylinder, automatic, loaded, 45K miles, \$6,800. 881-5422
- ★ 1997 Mitsubishi Eclipse GS, black, sunroof, leather, keyless entry, alloy wheels, 6CD changer, 46K miles, \$15,200. 990-2050
- ★ 1994 Ford Ranger XLT Supercab, white/red, 3.0L, auto/A/C, AM/FM tape 38K miles, cap, bedliner, \$9,950. 881-0551
- ★ 1997 GEO Metro, 4-cyl., auto/air, 27,500 miles, \$4,200. 961-1136 or 205-429-3805
- ★ 1986 Toyota Camry, 4-door, automatic, dark blue, \$1,600. 650-5375
- ★ 1984 Honda Accord, LX, 172K miles, \$1,500. 882-6051
- ★ 1959 Ford Fairlane, 4-door, \$2,500. 534-6245
- ★ 1988 Chrysler LeBaron, convertible, 2.2 liter turbo, yellow w/tan top, \$2,350. 778-9149
- ★ 1983 Volkswagon Rabbit, 89K miles, 4-speed, no ac/radio, \$800. 882-1880
- ★ 1992 300ZX 2+2, 5-speed, pearl/glow tan, T-tops, CD, 90K miles, \$12,500. 837-1035

Found

- ★ Men's ring at Bldg. 4203. Call 544-4758 to identify

Carpool

- ★ Decatur to NASA and return, Monday, Wednesday, Thursday and Friday, hours flexible, non-smoker. 351-6855
- ★ UAH South Loop Road housing to Marshall and return, will pay gas. 721-5614

Center Announcements

- ☛ **MARS Tennis Tournament** — The MARS Tennis Club is holding an Open Doubles Tournament Saturday beginning at 8:30 a.m. Teams are asked to be at the tennis courts at 8 a.m. for check-in and warm-up. To participate, call Ronda Moyers at 544-6809.
- ☛ **Facilities Office Breakfast** — Facilities employees, retirees and friends will meet for breakfast at 8 a.m. Tuesday at the Shoney's at University Drive and Memorial Parkway.
- ☛ **Marshall Association Meeting** — The Marshall Association meets Tuesday at 5:30 p.m. at the Bldg. 4203 cafeteria. Mike Wing, president and chief executive officer of the U.S. Space & Rocket Center will speak. E-mail reservations to Efre Hanson.
- ☛ **Cultural Diversity Leadership Training** — The next Cultural Diversity Leadership Program is being held July 14-15, 8 a.m.-4:30 p.m. at the University of Alabama at Huntsville, Wilson Hall, room 104. NASA civil service employees should register through AdminSTAR.
- ☛ **NARFE Meeting** — The National Association of Retired Federal Employees (NARFE) meets Saturday at 9:30 a.m. at the Senior Center on Drake Avenue. Dr. Larry Robey, Madison County Health Officer, will speak on senior health issues. For more information, call 837-0382 or 881-3168.

Briefing July 14 focuses on computer criminal activity

A briefing on computer criminal activity will be held July 14 at 9 a.m. in Morris Auditorium. Thomas J. Talleur of the NASA Headquarters Office of Inspector General, Advanced Technology Programs, will speak.

Talleur is a federal investigator with more than 30 years of experience working in the criminal investigative and intelligence communities. He is a member of the Senior Executive Service and currently manages the Network and Advanced Technology Crimes Division in the Office of Criminal Investigations.

NASA faces significant threats to its communications networks and advanced technology programs. This presentation will describe criminal activities on NASA computer networks, and show how these activities, coupled with the evolving technology environment, will continue to impact crime, security and commerce.

All Marshall employees and on-site contractors are encouraged to attend this briefing on computer crime activity and its affect on NASA's information security.

For more information, call Marshall Information Technology coordinator Steve Jones at 544-4373.

Limited complimentary tickets are available — from organizational directors — to Marshall civil service employees for the 9 p.m., July 19, re-enactment of the Apollo 11 Moon landing at the U.S. Space & Rocket Center. Ticket prices and schedule for other performances of the re-enactment are available by calling 837-3400.

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