



MARSHALL STAR

Serving the Marshall Space Flight Center Community

Aug. 14, 2003

Dr. Jan Davis named Marshall Center Safety and Mission Assurance director

by Lynnette Madison

Dr. Jan Davis has been named director of the Safety and Mission Assurance Organization at the Marshall Center. Marshall Center Director David A. King announced that Davis, an astronaut who flew three times and an engineer, will succeed Amanda Goodson, who recently left the Agency.

Davis, a former astronaut who joined NASA in 1979, had been serving as director of the Flight Projects Directorate at the Marshall Center.

In her new position, Davis will direct the safety, reliability and quality activities of all Marshall Center programs, including establishing and assuring compliance with NASA safety and mission assurance strategies, policies, and standards and implementing methods for identifying and assessing safety risks.

The Marshall Safety and Mission Assurance organization serves as both a partner and a facilitator for the organizations at Marshall, incorporating safety and mission assurance functions as an intrinsic element in the development of new technologies, work planning and performance, fostering employee expertise and actively involving them in the improvement of systems, processes and procedures to assure the success of the Agency.

“As the Marshall Center works with all of NASA to return the Space Shuttle to flight, Dr. Davis’ experience as an astronaut,

working engineer and senior manager will be a tremendous asset to Marshall’s Safety and Mission Assurance Organization,” King said.

“With mission areas in space transportation development, microgravity and space optics manufacturing, safety and mission assurance are critical

to the people and work at the Marshall Center. I believe her dedication and commitment to Marshall make her an excellent choice to undertake the challenge at hand.”



Davis

Photo by Doug Stoffer, NASA/Marshall Center

See *Davis* on page 2

Local high school students ‘SHARP’en skills in Marshall summer apprentice program

By Sanda Martel

Often a typical high school student’s summer job is mowing lawns, babysitting or flipping hamburgers. But 23 Huntsville area high school students, who participated in NASA’s Summer High School Apprenticeship Research Program, or SHARP, at the Marshall Center, “SHARP-ened” their

skills beyond fast food and child-care.

The SHARP students were selected for the eight-week summer program based on their aptitude for, and interest in, science and engineering careers. They work as apprentices to Marshall Center scientists and engineers - not a bad job for 17- and 18-year-old students.

See *SHARP* on page 3

Montana research group, NSSTC to collaborate

by Sherrie Super

The Montana Aerospace Development Authority, a statewide non-profit research consortium, has signed a NASA Space Act Agreement to collaborate on aerospace research and development with the National Space Science and Technology Center in

See *NSSTC* on page 6

Davis

Continued from page 1

As flight projects director, Davis led a team of more than 1,400 civil service and contract workers responsible for payload and science operations for the International Space Station, training crews to operate Space Station science experiments and operating the control center for those experiments. Davis also was responsible for the Chandra X-ray Observatory Program Office, overseeing operations of the world's most powerful X-ray telescope.

"I look forward to leading the Safety and Mission Assurance Organization as we enter this critical time in the Agency and return the Space Shuttle to flight," Davis said. "I hope to bring all of my experiences and strengths together to this very important and challenging task."

Davis, who grew up and went to school in Huntsville, began her career at the Marshall Center in 1979 as an aerospace engineer. She worked on several major NASA programs and projects, including Hubble Space Telescope and its later servicing mission; the Chandra X-ray Observatory; and the Shuttle. Selected to join the Astronaut Corps in 1987, she spent more than 670 hours in space over the course of her three Shuttle flights.

In 1998, Davis became director of the Human Exploration and Development of Space Independent Assurance Office for NASA Headquarters, in Washington, D.C., providing safety oversight for all human space flight programs. She returned to Marshall in 1999 as deputy director of the Flight Projects Directorate and was named director of the Flight Projects Directorate in January 2001.

A 1971 graduate of Huntsville High School, Davis earned a bachelor's degree in applied biology in 1975 at the Georgia Institute of Technology in Atlanta, and a bachelor's degree in mechanical engineering in 1977 from Auburn University in Auburn. She earned her master's and doctoral degrees in mechanical engineering in 1983 and 1985, respectively, from the University of Alabama in Huntsville. In 2001, she was elected to both the Alabama Aviation Hall of Fame and the Alabama

Atlas V to launch Pluto New Horizons mission

NASA Headquarters release

NASA has chosen the Atlas V expendable launch vehicle provided by Lockheed Martin Commercial Launch Services, Inc. as the launch system for the proposed Pluto New Horizons mission.

The mission is scheduled for launch to Pluto in January 2006. As proposed, the Pluto New Horizons mission is a scientific investigation to obtain the first reconnaissance of Pluto-Charon, a binary planet system.

This will be a firm fixed-price launch service task order awarded under the terms of the current NASA Launch Services contract. The prime contractor will be Lockheed Martin Commercial Launch Services, Inc. — a constituent company of International Launch Services and legal contracting entity for Atlas launch services, located in McLean, Va.

New Horizons will seek to answer key scientific questions regarding the surfaces, atmospheres, interiors, and space environments of Pluto and Charon using imaging,

visible and infrared spectral mapping, ultraviolet spectroscopy, radio science, and in-situ plasma sensors.

The Principal Investigator is Dr. Alan Stern of the Southwest Research Institute in Boulder, Colo. The implementing institution is the Applied Physics Laboratory of The Johns Hopkins University in Laurel, Md.

The proposed mission would use a spacecraft supplied Star 48B based 3rd Stage, manufactured by The Boeing Co. of Huntington Beach, Calif., to achieve the required mission performance.



Photo by Emmett Given, NASA/Marshall Center

Tony Phillips awarded Snoopy

Dr. Tony Phillips, right, production editor of "Science@NASA," receives a Silver Snoopy award from Expedition Six Science Officer Don Pettit at a ceremony at the National Space Science and Technology Center. Phillips, an employee of Bishop Web Works in Bishop, Calif., was in Huntsville attending a Chandra X-ray Observatory Conference at the NSSTC.

Engineering Hall of Fame. The American Association of Engineering Societies recently presented Davis with the Norm Augustine Award for Outstanding Achievement in Engineering Communications, citing her as a rare individual who can speak with passion about engineering so the public has a better understanding of engineering and a better appreciation for how engineers improve our quality of life. She also was recently recognized with the Rank of Meritorious Executive for government service.

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

SHARP

Continued from page 1

Supervised by mentors, the students conduct research, analyze data, develop their oral and written communications, and polish their computer and leadership skills.

'Dream' job

"It's always been my dream to work at NASA," said 18-year-old Kreig Jean, a recent graduate of Lincoln High School in Fayetteville, Tenn. Assigned to the Marshall Center's Engineering Directorate this summer, Jean received hands-on experience with composite design, fabrication and test of cargo tank panels - work that could have an impact on the next generation of launch vehicles in the nation's space program. This fall, he begins his study of mechanical engineering at the University of Alabama in Huntsville.

The NASA SHARP program was designed to attract a diverse group of high school students to aerospace careers. It is one of the many NASA programs that supports educational excellence through outreach at NASA field centers around the country and contributes to the achievement of the nation's science and technology goals and priorities.

Athens High School basketball standout Latisha Johnson, worked with Marshall's Safety and Mission Assurance Office this summer helping formulate procedures that ensure International Space Station and Space Shuttle hardware is operating safely before it's installed.

Striving toward career goals

Johnson has shown tremendous initiative in applying her summer job experience to her career goal of becoming a neurologist, said her mentor, Elaine Duncan. "Latisha has used the hazard analyses checklist we use to ensure space mission safety as a model, and developed a hazards list relating to the risks involved in brain surgery," Duncan said. Johnson is a senior at Athens High School with a 3.8 grade point average and a member of the school's state championship basketball team.

Deborah Anderson is a senior at two Huntsville high schools - Johnson and Lee. She excels in academic and advanced placement courses at Johnson - maintaining a 4.0 grade point average. And she's enrolled in Lee's Magnet Program to take advantage of its vocal, choir and show choir classes. This somewhat unusual set-up allows her to expand her knowledge and participate in the performance arts she enjoys, while taking the best of



Jennifer Simmons, left, coordinator of Marshall's SHARP program, with students Evan Ragasa, Deborah Anderson and Latisha Johnson.

the academic coursework the schools have to offer -- courses she knows she'll need for her career plans.

In her summer job with Marshall's Safety and Mission Assurance Office, Anderson helped engineers perform pre-safety assessments of hazardous test operations. A recent day in the field found Anderson looking for safety hazard violations. Anderson reviewed things such as platforms used for maintenance and construction, even some things people normally take for granted, such as holding the handrail while going up and down stairs. "I never realized until now just how important that is," she said.

Recent Athens High School graduate Evan Ragasa worked on the X-37 - NASA's advanced technology flight demonstrator that will help define the future of space transportation. Ragasa is learning MATLAB, short for MATrix LABoratory, a high-level computer language preferred in many university engineering programs. He converted a portion of the X-37 Approach and Landing Test Vehicle (ALTV) aerodynamic database to a format suitable for use by MATLAB, said his NASA mentor, Kurt McCall.

"I could have been bagging groceries or doing odd jobs this summer," Ragasa said. "But working for NASA is an experience I'll never forget. I feel like some lucky guy."

Each year, approximately 400 high school students participate in the SHARP program at NASA's 13 participating field installations. College students may apply for NASA's SHARP program as residential participants at colleges and universities in the United States, where they work with mentors at industrial sites or in research laboratories at host institutions.

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Engineering Directorate honors employees

On July 23, more than 250 Marshall team members were recognized for outstanding contributions at the annual Engineering Directorate Awards Celebration.

Award categories included technology achievement, group achievement, customer service and the Engineering Directorate Director's Award for extraordinary leadership. Peer awards also were given to individuals selected by co-workers for dedicated excellence and teamwork.

Technology Achievement Awards

Advanced Avionics Architecture: Anthony R. Kelley/ED12

Advanced Cryogenic Tanks: Michael K. Frazier/ED34, William M. McMahon/ED34

Advanced Manufacturing for Space Transportation Systems: Kenneth G. Cooper/ED34

Low Earth Orbit (LEO) Plasma Testing Capability: Todd A. Schneider/ED31, Jason A. Vaughn/ED31, David Wilkie/Qualis

Thin Film Structures Testing: Robert C. Engberg/ED27, John O. Lassiter/ED27

Group Achievement Awards

DELTA-L Experiment Design Team: Dyana L. Beabout/ED12, Geoffrey S. Beech/ED42, Jeri M. Briscoe/ED12, Jeffrey D. Brown/ED16, Shane L. Carpenter/ED37, Geraldine Clark/PWI, Robert W. Cooper II/ED12, Eric L. Corder/ED12, Mark W. Davis/ED22, Timothy D. Dowling/ED23, Steve F. Fischer/Microcraft, Erivn R. Hall/ED23, Lawanna L. Harris/ED23, Paul S. Julino/Morgan Research, James R. Meehan/ED23, Russ Nagel/Sverdrup, Terry L. Prickett/ED25, Pat Ragland/PWI, Joseph A. Sanford/ED24, Jason D. Waggoner/ED24, Carole Y. Wagner/ED35.

Engineering Directorate Learning Organization

Team: Terry Carlson/CSC, Paul A. Kennedy/ED18, John O. Lassiter/ED27, Sally A. Little/ED40, Mary Nehls/ED35, Anthony J. Phillips/ED42, Gweneth A. Smithers/ED34, Irene E. Taylor/ED10, Marisa S. Wofford/AD33.

Gravity Probe B Spacecraft Engineering Insight Team:

Byron E. Bartlow/ED12, Howard Dewitt Burns/ED31, Patrick S. Campbell/ED18, Kent Chojnacki/TD52, Joel Clark/Sverdrup, Tony Clark/ED44, Reggie Cobb/ED41, Mark W. Davis/ED22, Charlie Dischinger/ED42, Deborah Dobbs/PWI, Teddy M. Edge/ED11, Jim Eldridge/ED21, Howard Estes/Morgan Research, Bill Feltner/ED15, Eric Folk/Sverdrup, Cindy K. Fortenberry/Sverdrup, Carl Foster/ED24, Stan Fuller/Sverdrup, Christy Gattis/ED21, Laura Giardini/PWI, Glenn Gooch/Sverdrup, Jerry Hahn/Sverdrup, Katherine Harine/Sverdrup, James E. Hatfield/ED15, Donald J. Hediger/ED12, Kenneth W. House/ED17, Luster P. Ingram/ED13, Ken Javor/Sverdrup, Lisa Johnston/Sverdrup, William G. Jones/ED42, Paul A. Kennedy/ED18, Ralph Kissel/BD Systems, Terry G. Koelbl/ED13, Ulrich G. Kroll/ED24, James Looney/Sverdrup, Roy



Photo by David Higginbotham, Marshall Center

Freida Lowery, left, and Debra Terrell, applaud recipients during the Engineering Directorate Awards Celebration.

Lutonsky/ED42, Phil McNaught/Sverdrup, Malissa B. Meadows/ED15, Martha Milton/ED24, Russ Nagel/Sverdrup, Bill Nerren/Sverdrup, Catherine B. Sanders/ED24, Joseph A. Sanford/ED24, Jeff Saxon/ED20, Kenneth W. Schrock/ED18, Gray Settle/BD Systems, Keith Shackelford/ED14, Brian Steeve/ED22, William A. Till/ED26.

ISS Node 2 Contamination Working Group: Keith Albyn/ED31, John Davis/ED35, Miria Finckenor/ED31, Robert M. Suggs/ED44.

Northrop Grumman Composite Cryotank Fabrication Team: Ronnie G. Akins/ED37, Mark Beutjer/Sierra Lobo, David Bice/ATK, Terry Bradford/ATK, Becky Brown/ATK, Jerry Burnet/ATK, Kendal Coker/Sierra Lobo, Shannon L. Davis/ED27,

Michael K. Frazier/ED34, Greg Freeman/ATK, Chris Harbin/ICRC, Billy J. Holden/ED27, Jason Huddleston/ICRC, Anthony B. Hulcher/ED34, Mike Kovach/ATK, Rex Lash/ATK, David Lawrence/ATK, Wesley R. Lawler/LMC, Rusty A. Littleton/ED27, Reggie McCafferty/Sierra Lobo, William M. McMahon/ED34, David Osborne/Sierra Lobo, Lem Q. Pepper/LMC, Wesley Phillips/Sierra Lobo, Samuel S. Russell/ED32, James C. Sellers/LMC, Rebecca A. Selva/ED34, Ron Sims/Sierra Lobo, Harold Smith/ICRC, Shane Southern/LMC, Miles Springfield/HEI, Gregory A. Tanner/ED27, Phil Thompson/ATK, Timothy Tittsworth/LMC, James L. Walker/ED32, Richard Welch/LMC, Allen

White/ATK, Teddy Wilburn/LMC, Greg Young/ATK.

STS-107 Debris Impact Modeling and Analysis Team: Andy Brown/ED21, Erich Engler/Morgan Research, Steve Evans/ED44, Mary Hovater/ED31, Chip Moore/ED32, Jeff Peck/ED21, Stephen Richardson/TD61, Jennifer Robinson/Morgan Research, Brenda Sands/ED23, Phil Shaw/Qualis, Rod Stallworth/ED23, Robert Stellingwerf/Stellingwerf Consulting, Pete Valentine/ED34, Dave Whitten/ED23.

STS-107 Foam Debris Trajectory Analysis Team: Majid K. Babai/ED34, Geoffrey S. Beech/ED42, Mark Blasingame/CSC, Chris Daniel/CSC, Jeffrey L. Finckenor/ED23, Phillip Kromis/CSC, Jeremy D. Myers/ED42, Michael O'Farrell/USA, Danny Osborne/ERC, Steven T. Phillips/ED34, Tom Rieckhoff/TD53, Jeffery S. Williams/Intergraph.



Cathy White picks a tune with a group of Marshall team members.

David Higginbotham, Marshall Center

STS-107 Orbiter Internal Fluid Venting and Thermal Analysis Team: Will Downs/Sverdrup, Ken Kittredge/ED26, Stu Nelson/Sverdrup, Maurice Prendergast/ED25, Greg Schunk/ED26, John Sharp/ED26, Mickey White/ED25.

Customer Service Awards

Flight Projects Directorate: Lisa D. Blue/ED13, Terry A. Brown/ED14

Science Directorate: William R. Feltner/ED15, Bruce W. McCoy/ED16

OSP/X-37 Program Office: Bart Fowler/ED21, Michael Frazier/ED34

Space Shuttle Propulsion Office: Ronald D. Beshears/ED32, Scotty Sparks/ED34

Space Transportation Directorate: Todd M. Freestone/ED18, Ken Schrock/ED18

Peer Awards

Ronnie Akins/ED37, Pete Allison/CSC, Rodney Ashcraft/LMC, Bruce Askins/ED38, James Battle/Qualis, Kamilla Batts/Sierra Lobo, Jerry Bennich/ICRC, Tenina Bili/ED41, Leigh Anne Black/Mainthia, Shawn Breeding/ED25, Bob Brown/Sverdrup, Gayle Brown/USRA, Gordon Carey/Sverdrup, Jeff Clouch/Morgan Research, Carol Cooper/ICRC, Hansel Cornutt/Raytheon, Charles Cowen/ED19, Jerry Crook/Sverdrup, James Currie/ED12, Darrell Davis/ED25, Scott Dennis/Boeing, Jeff Dilg/ED23, Charlie Dischinger/ED42, Norma Dugal Whitehead/ED17, Nicola Duncombe/Mainthia, Howard Estes/Sverdrup, Miria Finckenor/ED31, Kathleen Freestone/ED13, Todd Freestone/ED18, Pete George/



Photo by Emmett Given, NASA/Marshall Center

“Slim and the Teardrops” provide a little rock and roll with Ladd Lewis on guitar and Ron Unger on drums.

Drew Smith/ED20, Mike Staton/PWI, Karen Stephens/ED03, Mark Strickland/ED16, Myron Tapscott/Morgan Research, Isaias Torres/ED21, Tammy Townsend/ED36, Baraka Truss/ED14, James Walker/ED32, Jack Weeks/Boeing, Doug Wells/ED33, Delisa Wilkerson/ED13, Mildred Wilkerson/ED43, Renee Wilson/ED22.



David Higginbotham, Marshall Center

Jody Terek, ED02, right, gets ready to accept an Engineering Director’s Award from David Throckmorton, left, deputy director of the Engineering Directorate.

ED11, Gary Glass/Qualis, Drew Hall/ED19, Ester Hall/LMC, Belinda Hardin/CSC, Kathryn Hayden/ED43, Carlla Hooper/ED30, Jeff Hudson/LMC, Charles Hutton/Mainthia, Africa Jones/ED01, Leigh Kelley/Boeing, Paul Kinard/Micro Craft, Ralph Kissel/bdSystems, Sue Knight/PWI, Kirby Lawless/ED33, Curtis Leslie/Morgan Research, Heather Lewis/ED44, Kathy Lundy/ED24, Wilfred Mangruem/Sierra Lobo, Tom McAlister/ATK, Mack McCoy/Sverdrup, Steven McDaniel/ED02, Tami McGhee/ED14, Eugene McGraw/Sverdrup, Patrick McManus/ED16, Malissa Meadows/ED15, Darrell Moore/Sierra Lobo, James Neeley/Sverdrup, Katrina Norris/PWI, Mark Payne/TBE, Anthony Phillips/ED42, Rodney Phillips/ED27, Steven Phillips/ED34, Michael Prince/ED34, Phyllis Ragland/ED10, Pat Ragland/PWI, Jeff Ratley/ED12, Brenda Sands/ED23, M. T. Sayyah/Sverdrup, Manuel Schultz/ED26,



Photo by Emmett Given, Marshall Center

Charlie Dischinger, ED42, left, accepts an Engineering Director’s Award from Engineering Directorate Director Bill Kilpatrick.



Photo by Emmett Given, Marshall Center

Doug Wells, ED33, left, accepts an Engineering Director’s Award from Engineering Directorate Director Bill Kilpatrick.

NSSTC

Continued from Page 1

Huntsville.

This marks the first time the NSSTC, a NASA-sponsored research center that partners with more than 20 industry or university entities, has created an alliance with another statewide consortium. The agreement enables the two research groups to share resources in Earth science, space science, material science, biotechnology, propulsion, advanced optics, energy technology and information technology.

It sets the foundation for joint pursuits, such as collaborating to win research proposals, partnering on scientific research, or sharing facilities — including resources at the Marshall Center, one of the NSSTC’s primary partners.

“The Montana Aerospace Development Authority’s capabilities complement our capabilities,” said Robin Henderson, chief operating officer of the National Space Science and Technology Center. “These similar areas of expertise, enhanced by variations in our facilities, background and people, will help fuel the success of this partnership.”

The Montana Aerospace Development Authority is a collaboration of Montana research universities and more than a dozen Montana companies with expertise in aerospace-related research and development.

The NSSTC is a partnership between the Marshall Center and seven Alabama research universities. Focusing on space science, earth science, materials science, biotechnology, propulsion, information technology and advanced optics and energy technology, the collaboration enables scientists, engineers and educators to share research and other facilities.

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Photo by Doug Stoffer, NASA/Marshall Center

Andrew Parker is 'I Am Set' Student of the Year

Andrew Parker, center, receives the 'I Am Set' summer Student of the Year award from Robin Henderson, left, chief operations officer of the National Space Science and Technology Center, and Marshall team member Chip Dobbs, right. The I Am Set (Individuals with disAbilities in Math, Science, Engineering and Technology) is a high school development program to motivate and prepare students with disabilities to further their education for high-tech and professional careers. Interns presented presentations about their work at Marshall, Alabama A&M University, 3D Research, the Sparkman Center and Graphics Business.

Marshall Family Fun Day will be 10 a.m - 2 p.m. Sept. 20, at the MSFC Picnic Grounds

Job Announcements

MS03C0156, Facilities Support Specialist. GS-0301-05, Center Operations Directorate, Facilities Engineering Department. Closes Aug. 14. Contact: Dana Blaine at 544-7514.

MS03C0163, Facilities Support Specialist. GS-0301-05, Center Operations Directorate, Facilities Engineering Department. Closes Aug. 19. Contact: Dana Blaine at 544-7514.

MS03N0169, AST, Liquid Propulsion Systems. GS-0861-13, Space Transportation Directorate, Subsystem & Component Development Department. Closes Aug. 27. Contact: Jim Bramblett at 544-3398.

MS03N0167, Information Technology Specialist (INFOSEC). GS-2210-14, Center Operations Directorate, Protective Services Department. Closes Aug. 27. Contact: Dana Blaine at 544-7514.

Obituaries

Hazel G. Earl, 85, of Huntsville, died May 26.

She retired from the Marshall Center in 1982 where she worked as a secretary.

She is survived by one son, Reeder C. Savage of Atlanta.

Harold E. Fuqua, 74, of Huntsville, died July 29. Graveside services were at Maple Hill Cemetery with Gary Jordan officiating and Berryhill Funeral

Home directing.

Fuqua was a charter member of the Marshall Center and retired in 1987 as a program analyst. He was a veteran of the U.S. Army Air Corps and a member of Jackson Way Baptist Church.

He is survived by his wife, Evelyn Fuqua; two daughters, Teresa Redd of Madison and Laurie Odland of Huntsville; two brothers, James Kenneth Fuqua of Oxford and Mike Fuqua of Villa Rica, Ga.; and five grandchildren.

Center Announcements

Chandra X-ray Observatory Symposium set for September

The Chandra X-ray Observatory Program will host a three-day symposium Sept. 16-18 at the Huntsville Marriott. For more information, go to <http://mi.msfc.nasa.gov/chandra/index.html> or call 544-5468 or 544-0570.

HOPE Place golf tournament will be Aug. 23

The HOPE Place Classic golf tournament to benefit victims of domestic violence will be at 8 a.m. Aug. 23 at both the Highland and River golf courses at Hampton Cove. Cost is \$150 per player for the four-person scramble tournament or \$600 per team. For more information, call Sharon Tyson at 885-1739.

SEE Program to host Spacecraft Charging Technology Conference

NASA's Space Environments & Effects Program will host the eighth Spacecraft Charging Technology Conference Oct. 20-24 in Huntsville. The conference is an international forum to present and discuss spacecraft charging issues and mitigation techniques. Registration is limited. For more information, go to <http://see.msfc.nasa.gov/sctc>.

Spacecraft Preliminary Design course set for September

A three-day Spacecraft Preliminary Design course will be taught Sept. 15-17 by Dr. Wiley Laron and Tom Sarafin at the Marshall Center. Marshall team members interested in attending should submit a Form 59 to CD20 by Aug. 27. For more information, go to www.instarengineering.com/uss.cfm or call 544-1164.

Rex Gevedent to speak at Marshall Association luncheon

Marshall Deputy Director Rex Gevedent will speak at the Marshall Association's monthly luncheon at 11:30 a.m. Aug. 28 at the Center Activities Bldg. 4316. Cost is \$9, payable at the door, but reservations are required. For reservations,

call Cliff Bailey at 544-5482.

Women's Equality Day program will be Aug. 26

The Women's Equality Day program will be at 10 a.m. Aug. 26 in the Bob Jones Auditorium at the Sparkman Center on Redstone Arsenal. Marta Brito Perez of the Office of Personnel Management will speak. The Marshall Center's Outstanding Women Achievers also will be recognized. This year they are Dawn C. Stanley in the Professional category; Ela M. Washington in the Administrative category; Barbara V. Thurman in the Clerical category; and Ann R. McNair as the Federal Women's Program Supervisor of the Year for 2003.

Science Directorate Appreciation Day reset for Sept. 23

The Science Directorate's Employee Appreciation Day will be at 9 a.m. Sept. 23 at Redstone Arsenal's Rustic Lodge. The event was rescheduled from its original June 26 date. For more information, call Suzy Hartman at 544-6592.

NASA Strategic Human Capital Plan information available

All civil service employees will receive information on the NASA Strategic Human Capital Plan, which establishes a systematic, NASA-wide approach to human capital management aligned with the Agency's mission and vision. Supervisors and employees at Marshall should become familiar with the plan. For information, go to <http://nasapeople.nasa.gov/hcm/>.

Vacation specials available for Marshall team members

Executive Tour and Travel Services Inc., is offering \$99 vacation getaways to more than 20 destinations for Marshall civil servants, retirees, contractors and their families. The price includes three days and two nights hotel accommodation for two adults and up to two children age 12 or under. Hotel tax is not included in the price. A deposit of \$99 plus

\$6 for shipping and handling must be made by Aug. 28. Travel dates are good through August 2004. For more information, call Candy Kelley at 544-7565 or pick up a flyer at the Space Shop in Bldg. 4203.

NASA Bowling League meeting set Tuesday

The NASA Bowling League will hold an organizational meeting Tuesday at Monarch Lanes in Huntsville. Meeting time has not been announced. All NASA employees, dependents and on-site contractors are eligible to participate. For more information, call Chuck Seal at 544-1120 or Rob Lake at 544-1176.

URL change for Travel Manager in effect Monday

A new URL for Travel Manager goes into effect Monday. The Agency-wide Travel Manager system is being moved to another server. On Monday, users will need to delete the old Travel Manager icon and URL from computer desktops and "favorites" folders and use the new URL at <https://nasatravel.ifmp.nasa.gov/> For more information or assistance, call 544-4357, Option 0.

Shuttle Buddies meet Aug. 25

The Shuttle Buddies will meet at 8:30 a.m. Aug. 25 at Shoney's restaurant on University Drive at Memorial Parkway. For more information, call Deemer Self at 881-7757.

MARS Tennis Club Open Doubles Tournament results

Winners of the Aug. 2 MARS Tennis Club Open Doubles Tournament were Bob Goss and Donna Sellers, first place; Bill Boglio and Kevin Krotec, second place; and Ronda Moyers and John Lindley, third place.

For more Center Announcements, see "Inside Marshall"

Classified Ads

Miscellaneous

- ★ 1992 Suzuki Quad Runner, 250cc, 4x4, new tires, \$1,800. 508-9955
- ★ Baby bed, white; Baby fold-up crib; steel bunk bed, folds to make couch. 881-6040
- ★ Brill Accu ASM380 cordless electric reel mower w/grass catcher, used four months, \$150. 830-2704
- ★ Couch, \$90. 772-9925
- ★ New ProtecTV unit \$50. 489-0136
- ★ John Deere riding mower, 38", LX172, 14HP Kawasaki engine, \$1,350 firm. 256-737-9513 after 4 p.m.
- ★ Medium size dorm fridge, \$50; Intake manifold, Ford 6-300, \$10. 885-1640
- ★ Two tickets, Huntsville Symphony Orchestra performance, Sept. 20, center seats, Row Q, \$42 each. 256-722-7927
- ★ 2002 Honda Shadow American Classic Edition motorcycle, \$4,300. 694-9610/830-5140
- ★ Pedestal table, 48" glass top, w/four off-white highback chairs, \$250. 256-464-0081
- ★ Horse trailer, WW bumper pull, two horse straight load w/dressing room, \$2,500. 420-8101
- ★ Lowe, Bass Catcher Pro, 16' aluminum bass boat, fully rigged, \$2,950. 256-753-6629
- ★ RCA 36" big screen console TV, \$350. 533-5942
- ★ 1975 Harley Davidson FLH, frame off restoration, 18 yrs. of parts w/bike, \$10,000 firm. 256-961-3408
- ★ Men's 10-speed bike, 26", \$40. 881-0325
- ★ Century stroller, \$25; Gerbil cage w/accessories, \$10. 881-4148
- ★ Trail bikes: 1986 Yamaha TT225, \$650; 1988 Yamaha XT125, \$450. 603-4389
- ★ Alabama "Bear" Bryant wall clock, new w/box, 13"Hx20"W, painted glass front w/wood frame, \$75. 881-5043
- ★ Troy Bilt chipper/vac, 8HP, electric start, \$750. 772-3227
- ★ Small area rug, approx. 4'x5', synthetic, sand w/burgundy & blue border, \$10. 890-0755
- ★ Large Oak entertainment center, glass doors, accent lighting, \$275. 882-8993/337-0562
- ★ Tanning bed, \$500. 325-7208
- ★ Kasson pool table, 8', w/1" slate, two yrs. old, Victorian style, all accessories, \$1,990. 880-6563
- ★ 2000 Vstar Custom 650, garage kept, platinum, customized, one-owner, \$4,500. 325-1657
- ★ Lifestyler 2.5HP treadmill, programmable, speed 0-10MPH, incline 2% to 12%, \$100. 355-8589
- ★ Yamaha GT80 vintage trail bike, \$550. 325-6000
- ★ Antique English pub table & deacon's bench,

- \$575. 653-4240
- ★ Wedding dress, new, beaded, detachable train, size 2, \$800; veil, negotiable. 852-6884
- ★ Beckwith piano, \$500. 883-1667
- ★ Kitchen Aid undercounter dishwasher, white front that can be changed to other colors, \$50. 881-2069
- ★ Green Naugahyde recliner, \$30; wedding gown with train and veil, size 6, \$180. 881-8674
- ★ Oreck sink-top water purifier, unused w/filters, \$35; fertilizer drop-feeder, \$15; large dog carrier, \$45. 828-6213
- ★ Burley Solo bicycle trailer for 60 lb. child, screen, rain shield, \$200. 256-882-6630
- ★ Round Doughboy pool, 18', 1HP, sand filter w/automatic cleaner, \$500. 214-403-0019
- ★ 1997 Viking Popup, a/c, sink, sleeps six, extras, \$3,500. 256-828-7013
- ★ 1996 SeaDoo Xp, moving, must sell, many extras, \$4,000. 256-572-1197
- ★ Jim Beam collectable decanter bottles. 653-4240
- ★ Hunter's Special H607 bow case w/basket, fits most front/rear racks, new, in box, \$175. 883-6416
- ★ 1985 Bayliner V-hull ski/pleasure boat w/trailer, 50HP outboard, motor needs work, \$725. 683-9364
- ★ Small painted wood desk w/7 drawers, \$50; matching corner shelves, \$15. 533-4824
- ★ Bassett Hound, 7 months old, female, white/black/brown, \$50. 464-3300
- ★ Kenmore refrigerator/freezer, 27 cu. ft., side-by-side w/ice maker. White. \$600. 881-3527
- ★ Ludwig snare drum with Percussion Plus stand. \$100. 306-0700.

Vehicles

- ★ 1964 Impala Super Sport, tilt, 327, auto, power windows/steering/brakes, \$3,000. 316-1880
- ★ 1991 Ford Taurus station wagon, 142K miles, auto, new radiator, \$500. 883-1468
- ★ 1998 Nissan Frontier XE extended cab, 5-speed manual, platinum, 72K miles, \$6,200. 961-0338
- ★ 1995 Dodge Caravan SE, automatic, 162K miles, blue w/gray interior, V6, \$1,500. 256-880-3337
- ★ 1987 300ZX, 2x2, red, \$2,000. 828-5246
- ★ 1984 Grand Marquis Mercury LS, 2-door, one-owner, 163K miles, Navy, \$500. 837-0958
- ★ 1995 Mercury Villager minivan, one-owner, 115K miles, \$3,500. 489-8029
- ★ 1998 Ford Ranger XLT, 4-cyl., automatic, 67K miles, bedliner, air bags, alloy wheels, \$4,950. 256-753-2278
- ★ 1998 Z71 Chevrolet 1500, standard cab, two-tone, 86K miles, \$13,000. 852-9617

- ★ 1995 Ford Explorer, Eddie Bauer, leather, ABS, alloy, 113K miles, CD/Alpine, privacy glass, \$5,985. 880-6563
- ★ 1990 Toyota Camry DX, blue, 4-door, auto, 127K, new tires, cruise, cassette, AC/PL/PW, \$1,950. 837-7554
- ★ 1994 Oldsmobile Cutlass, 2-door, V6, automatic, \$2,700; 1999 Camaro, V6, automatic, low miles, \$10,500. 679-0694
- ★ 2001 Subaru Outback, AWD, 36K miles, auto, loaded, \$17,000. 464-9866
- ★ 2003 Mercury Grand Marquis LS, ultimate edition, heated leather seats, 1,800 miles, consider trade. 852-6952
- ★ 1998 Ford Explorer Limited, 4x4, 75K miles, loaded, moonroof, one-owner, \$10,900. 653-9124
- ★ 1986 Ford Thunderbird Coupe, 4-door, original engine, 53K miles, maroon, interior/exterior fine, \$2,100. 256-694-0388
- ★ 1997 Nissan SE Sports sedan, 4-door, 82K miles, alloy rims, sunroof, automatic, AM/FM/CD, \$9,790. 881-8674
- ★ 2000 Buick LeSabre Custom 4-door, most options, 26K miles, \$12,500. 539-7857
- ★ 1997 Audi A4, Quattro, V6, 2.8L, sunroof, leather, 113K miles, \$9,999. 895-0099
- ★ 2002 Ford ZX2 SE, 16K miles, auto, sunroof, remote, CD changer, loaded, \$7,975. 256-728-4113/256-558-1263

Wanted

- ★ Electric motor for Bell/Neilsen chain saw sharpener, K50-5. 864-0155
- ★ Four-six football tickets, Auburn-Georgia Tech & Auburn-Vanderbilt games. 233-0705
- ★ Full/queen size bed, good condition, \$75-\$100. 961-7560
- ★ Upright piano, exterior good or like new, tuning not necessary. 797-0309
- ★ "Saturn Illustrated Chronology," (MSFC MHR-5), in good condition. 922-1424
- ★ Tickets to Auburn vs. Georgia Tech football game.
- ★ Used ladies basic bicycle, good tires. 883-0568
- ★ Cat to appear in an independent film being shot in Madison. 722-2821

Free

- ★ Gravel, about 40 linear feet, you load. 883-2830

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