

MARSHALL STAR

Serving the Marshall Space Flight Center Community

Oct. 28, 2004



Photo by Emmett Given, Marshall Center

NASA's Network of Educator Astronaut Teachers, or NEAT, participants perform a space walk on the Canada arm of the Enterprise Orbiter at the U.S. Space & Rocket Center.

Educator astronauts visit Marshall, attend workshop

By Rick Smith

Thirty educators who applied in 2003-2004 to join NASA's Astronaut Corps visited NASA's Marshall Center last week to participate in a workshop celebrating the unique connection between space exploration and the American classroom.

The three-day workshop was among the activities planned for educators invited to join NASA's new Network of Educator Astronaut Teachers, or NEAT — an organization of outstanding teachers whose abiding, keen interest in space and recognized leadership in the classroom spurred them to apply for the Astronaut Corps.

The visiting teachers, participants in NASA's Educator Astronaut Program, were among the final group of contenders vying for three openings in the 2004 astronaut class. The program, initiated by NASA Administrator Sean O'Keefe in 2003, recruits K-12 educators for the Astronaut Corps. The goal: helping those educators give students nationwide a better understanding of the value of math, science and engineering studies, and exposing young people to career opportunities available in the U.S. space program.

"Today's classrooms have tomorrow's explorers," said Dr. Adena Williams Loston, NASA's chief education officer. "We are looking to use the teaching skills of these educators to inspire students and to

See Educator Astronauts on page 4

Systems Engineering Development Process open to registrants

The Systems Engineering Development Process, one of three development and certification programs, was introduced at the Marshall Center on Oct. 1 and is now open to registrants.

In 2002, Marshall's Project Management Council directed the Customer and Employee Relations Directorate and the Systems Management Office to implement a development and certification program for most technical managers. As a result, the Program-Project Man-

agement Development Process was introduced in June, the Systems Engineering Development Process in October and the Program-Project Control Development Process will be initiated in December.

Marshall's Program-Project Development Process, which is part of NASA's Academy of Program and Project Leadership, was used as the starting point for the Systems Engineering Development Process to ensure that these three functions --- project management, systems engineering and program-project control--- would

interrelate but not overlap each other. For Marshall programs and projects to be successful, it is imperative that employees in these three positions understand their role as well as the role of the other two complementary positions.

The Marshall Center's Project Management Board's coordinators and sub-teams have worked for the past year to develop the materials, processes and how-to-guides necessary for System Engineers and Resource Managers to use during the

See Certification on page 5

Love receives Legacy Award



Love

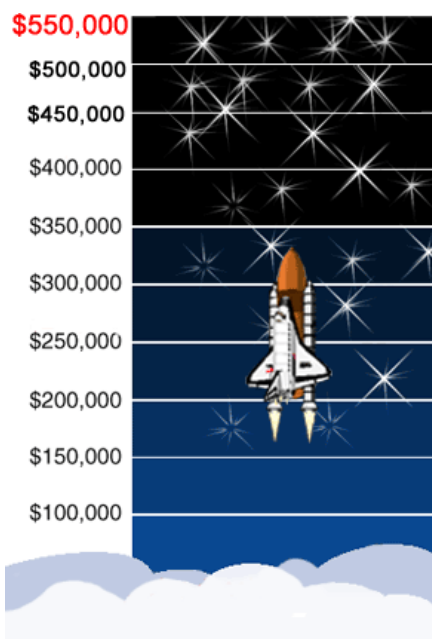
Willie Love, deputy director of the Marshall Center Equal Opportunity Office, recently received the 2004 Alabama A&M University Legacy Award from the Business and Industry Cluster.

Love, an alumnus of Alabama A&M, has been active in the Industry Cluster for years and assists with planning and implementation of the organization's goals. As industry co-chair for student professional development, he was instrumental in designing workshops

where business leaders discussed the work environment with students. Cluster helps the university's graduates compete successfully in industry.

The Legacy Award is presented to those individuals who have supported and contributed to the continuous growth and development of the cluster organization.

Marshall entering final two weeks of CFC



Time is growing short for the Marshall Center's Combined Federal Campaign. Only two weeks remain for the Center to reach its \$550,000 goal. To date, \$323,701 has been raised, with 34.7 percent of the Center's civil service employees participating. Several CFC-supported agencies still have openings for volunteers during Community Service Days. See "Inside Marshall" for details.

Resource Center staffers go back to class at Marshall



Photo by David Higginbotham, Marshall Center

Pat Govan, a NASA Education Resource Center staff member at Middle Tennessee State University, tries out the Microgravity Glovebox during a tour.

By Jack Robertson

They came from Alabama, Missouri and Tennessee to learn more about education — NASA Educator Resource Center staff members who provide educators in their states with instructional products about science, math and technology to use in classrooms.

Their three day seminar in Huntsville Oct. 13-15 included discussions of all NASA education activities and hands-on learning experiences. They learned about NASA's work to inspire and motivate students to pursue higher levels of study in science, technology, engineering and mathematics — or STEM.

Their visit included stops at the National Space Science and Technology Center, Marshall's Microgravity Research Laboratory, the Payload Operations Center, the Propulsion Research Laboratory, the historical test stands and the Educator Resource Center at the U.S. Space & Rocket Center.

"We invited six Resource Center staff members from Tennessee, four from Missouri and one from our satellite center at Alabama State University in Montgomery, to visit us so they can have a better understanding of all the things NASA and the Marshall Center are doing for educators," said Alease Sims, coordinator of the NASA Educator Resource Center in Huntsville.

"We also wanted to say thanks for their hard work, help them to feel more connected to us, and encourage them to keep spreading enthusiasm and excitement for math, science and technology education in their home state areas."

Marshall's Educator Resource Center serves Alabama, Arkansas, Iowa Louisiana, Missouri and Tennessee.

The Tennessee Educator Resource Center is moving from the University of Tennessee at Martin to Middle Tennessee State University in Murfreesboro. A grand opening is planned for Dec. 3, said Alicia Beam, education officer for K-12 programs in the Academic Affairs Department at Marshall.

NASA's Educator Resource Center Network maintains more than 50 resource centers at NASA sites and universities across the United States.

The writer, an ASRI employee, supports the Public Affairs Office.

Soil studies will help support space exploration

By Patricia Dedrick Lloyd

The same technology that helps investigate what happens to soil during an earthquake is similar to research required to prepare for humans' return to the Moon and the eventual exploration of Mars.

In a study known as the Mechanics of Granular Materials, astronauts use the microgravity or low-gravity environment created inside an orbiting spacecraft to study soil behavior under conditions that cannot be duplicated on Earth. This research — which looks at the structural properties of granular materials, including sand and grains when subjected to slight pressure — helps scientists measure how stresses and strains, such as earthquakes, cause soil to behave like liquid.

It may tell investigators a lot about the mechanics or surface properties on the Moon and Mars. NASA is conducting studies, along with its academic partner, to understand the way soil behaves under different gravity levels so space crews can safely build living quarters on Mars and the Moon.

MGM research is being managed by the Marshall Center's Science and Technology Directorate. The University of Colorado at Boulder has science and hardware responsibility for the work. Its Laboratory for Atmospheric and Space Physics is under contract to Marshall to provide science research and maintain and update the hardware.

The experiment has benefits for those of us living on Earth, as well. Understanding granular materials and how they react during earthquakes can lead to improvement in foundations for buildings, management of undeveloped land, design of SUV tire treads and much more.

"Knowledge from these experiments can apply directly to the lunar and Martian surface," said Buddy Guynes, the experiment's



Poster honoring the Space Shuttle Columbia and its MGM payload.

project manager at Marshall. "We have to understand the surface properties before we can build on it or move heavy loads across it."

Three Space Shuttle crews have performed important MGM work while in low-Earth orbit — on the flights of STS-79, STS-89 and STS-107. The Space Shuttle Columbia carried an MGM payload on its 2003 mission. But the project was impacted Feb. 1, 2003, when many of its experiments were lost with the Columbia and its crew. However, 50 to 60 percent of the mission's science goals were realized with the help of telemetry.

The MGM team has created a memorial poster to commemorate the seven Columbia crewmembers and recognize the important experiments they conducted. Those posters will soon appear around the Center.

The writer, an ASRI employee, supports the Internal Communications Office and is the Marshall Star editor.



Photo by David Higginbotham, Marshall Center

Chris Robinson, left, accepts the Gold Level Facilitation Impact Award from Tricia Kennedy, manager of the Learning and Organization Development Office.

Robinson accepts facilitation award for Electronic Meeting Support team

The Southeast Association of Facilitators has awarded the Gold Level Facilitation Impact Award to Chris Robinson of the Employee and Organization Development Office and to the Marshall Center's Electronic Meeting Support team. This award is given to Southeast-based clients and the corresponding facilitators for demonstrating excellence in achieving organizational impact through the skilled use of facilitation.

Marshall earned this award for facilitating the 2003 Educator Astronaut Evaluation Meeting. Evaluators from various NASA centers and educational fields met at the Marshall Institute to review applicant information and supporting materials. Using innovative technology as well as traditional facilitation techniques, nearly 800 candidates were evaluated in less than two weeks, saving time and money.

James Garvin is named NASA chief scientist

From NASA Headquarters Release

NASA Administrator Sean O’Keefe has appointed Dr. James B. Garvin, chief scientist for NASA’s Mars and lunar exploration programs, as the new NASA chief scientist, effective immediately.

Former chief scientist and veteran astronaut John Grunsfeld is training for an astronaut assignment to a long duration mission, the specifics of which will be announced at a later date. He will also provide expert support and counsel to NASA’s Astronaut Office. Grunsfeld was appointed NASA’s Chief Scientist in Sept. 2003. He has been supporting Administrator O’Keefe in Washington directing NASA’s space-based science objectives and ensuring the scientific merit of agency programs.

“John’s extensive background in physics and astronomy, together with his

unmatched hands-on experience in conducting science operations in space, made him the ideal advisor to steer agency science decisions during his management tenure in Washington,” Administrator O’Keefe said. “His unique skills will be sorely missed here, but I know he will continue to provide his valuable input to the decision process from his Johnson Space Center vantage point as well.”

Garvin, who earlier this year announced the Mars Exploration Rovers had found strong evidence liquid water once existed on the martian surface, will work to ensure the scientific merit of NASA’s programs, including those embracing exploration.

“Jim was instrumental in this most recent round of successful Mars exploration,” said Administrator O’Keefe. “He played a critical role in decisions ranging

from whether the rovers should fly to Mars and where they should land, to their overall science strategy on the martian surface. His experience and extensive knowledge of agency operations will help us pursue the programs with the most scientific merit and relevance, as we move forward with the Vision for Space Exploration.”

Garvin is currently in charge of formulating scientific requirements for NASA’s missions for studying Mars and the moon. His primary areas of scientific specialty include laser altimetry of terrestrial and planetary landscapes; geology of impact craters relevant to exploration of the moon and Mars; and sedimentology on Mars, Earth and Venus. He was chief scientist for the Shuttle Laser Altimeter flights aboard Endeavour (STS-72) and Discovery (STS-85).

Educator astronauts

Continued from page 1



Photo by Emmett Given, Marshall Center

Melissa Lewis, a high school math teacher from Desdemona, Texas, and her team members work mission control during a simulated Shuttle launch.

share with them the Vision for Space Exploration” — NASA’s bold initiative to return Americans to the Moon and send robotic missions to Mars and elsewhere in the Solar System to prepare for eventual human journeys beyond near-Earth space.

All NEAT participants remain eligible to compete for future Educator Astronaut openings, provided they remain active in the classroom.

NEAT workshop participants toured the Marshall Center and

mingle with members of NASA’s newest astronaut class. NASA administrators and personnel will discuss NASA’s mission and lead seminars on innovative teaching techniques.

The Network of Educator Astronaut Teachers was developed as a result of the overwhelming number of nominees — more than 88,000 — received by the Educator Astronaut Program in 2003.

“These are some of the most talented, committed teachers in the nation,” said Tammy Rowan, a NASA education specialist at the Marshall Center. “It’s our intent to keep them engaged with NASA, and to keep the value of space exploration front and center in their classrooms.”

The NEAT component of the Educator Astronaut Program will focus on those teachers who were among the final candidates considered for the Astronaut Corps this year. NASA kicked off the program in June, bringing 160 of the applicants to a workshop at Johnson Space Center in Houston, Texas.

NASA seeks to foster excellence in science, math, technology and engineering education for America’s next generation of explorers. The Office of Education provides students and educators with unique teaching and learning experiences as only NASA can. Working collaboratively with NASA’s Mission Offices, programs and personnel, the Office of Education promotes education as an integral component of every major NASA research and development mission.

The writer, an ASRI employee, supports the Public Affairs Office.

Astronaut candidates tour Marshall, Space & Rocket Center

NASA's 2004 Astronaut Candidate Class dined on fried fish with Marshall Center team members and toured several laboratories before meeting with area news media Oct. 22 at the Center. The newest astronaut class includes three educator astronauts, three military pilots, a Navy SEAL, an astrophysicist, two physicians and an engineer. Also training with the 11-member class are three Japan Aerospace Exploration Agency astronauts.

Full biographies of the U.S. astronaut candidates are available at:

<http://www.nasa.gov/vision/space/preparingtravel/ascan2004.html>



Photo by Doug Stoffer, Marshall Center

Fred Roe, left, of the Marshall Center's Flight Robotics Laboratory in Bldg. 4619, briefs the 2004 Astronaut Candidate Class on Automated Rendezvous and Docking.



Photo by Emmett Given, Marshall Center

NASA Stars students are congratulated by astronaut candidates following the Stars graduation ceremony at the Space Camp. Stars is a program designed to raise math and science knowledge levels of underserved students.



Photo by Doug Stoffer, Marshall Center

John Vickers, right, talks with astronaut candidate class members during their visit to the National Center for Advanced Manufacturing at Marshall.

Certification

Continued from page 1

certification processes. The processes emphasize work experience, appropriate training and education.

The Systems Engineering Development Process guide and the Program-Project Control Development Process guide will help employees grow in their respective areas and plan their careers with NASA. Both guides describe the competencies expected for each of the four levels, describe the training expectations and provide a checklist that describes how to apply for the appropriate level.

Marshall Center Director David King requires that all program or project lead engineers, chief engineers and program or project control resource managers obtain Center certification by October 2007. After that date, any candidates for those positions must be certified at the level of the project for which he or she is being considered. Outside applicants must be capable of obtaining certification soon after being selected for the position.

Employees interested in applying for certification should contact Steve Newton at 544-9010 or Jerry Miller at 544-7555.

Nearly 150 attend Hispanic Youth Conference



Joe Bonometti, right, Marshall Center engineer, demonstrates Tether Electromagnetic Technology for students attending the Hispanic Youth Conference.

Nearly 150 Alabama students and teachers attended the third annual Hispanic Youth Conference at the Marshall Center on Oct. 15. Students met Marshall engineers, local school robotics teams and toured the Center. They also discussed future career possibilities and educational opportunities with speakers from area colleges and universities. Marshall Center Director David King spoke at the evening banquet that featured local entertainment.



From left, Marshall engineer Ken Cooper demonstrates new technology to students Francisco Huerama and Maria Caylado while Beltran Porfino of the NASA Education Office looks on.



Photos by Doug Stoffer, Marshall Center

Sam Ortega, right, explains rocket motor technology to students.



Local dancers perform the ballet Folklorico De Mexico during the conference banquet.



Consul Generals from Argentina, Ecuador, Venezuela and Mexico were represented at the conference and banquet. Joining them are Mark McDaniel, fifth from right, a member of the NASA Advisory Council, and his wife, Henri, fourth from right.

Marshall engineer, Dr. Luis Trevino, right, Dr. Semih Olcmen, center, associate professor at the University of Alabama, and graduate student Karen Torres, left, fire up a small scale jet engine.



Announcements

Political activities restricted for federal employees on, off duty

Federal employees are reminded that the Hatch Act restricts political activities both at home and in the workplace. Political activities are described as activities directed at the success or failure of a candidate or a political party. Federal workers cannot engage in political activities while in a government office or vehicle, wear clothing or buttons promoting a candidate or political party, or place posters or political cartoons on office walls. The government computer is also off-limits for such activities. For questions regarding the Hatch Act, go to www.osc.gov or contact the Marshall Center Human Resources Department.

Flu Vaccine unavailable for Marshall Center

The Marshall Center will not offer the flu vaccine this year. All high-risk personnel are urged to contact their personal physician or utilize community resources to get the flu shot. High risk individuals include the elderly, pregnant women, caregivers, health care workers and international travelers.

ASM International chapter to meet Nov. 4

The ASM International-North Alabama Chapter will meet at 6:30 p.m., Nov. 4 at the Four Points Sheraton Hotel in Huntsville. Dr. Douglas Deason, deputy division chief for Advanced Technology Division, U.S. Army Space & Missile Defense Command, will speak. The cost is \$15 and includes dinner. Call Arthur Henderson at 544-2577 to sign up.

AARP safety course set

The Marshall Center and the American Association of Retired Persons are sponsoring a safety course for drivers over age 50 on Dec. 13 and 14. The course, limited to 30 people, will be held in Bldg. 4200, Room G13E. See "Inside Marshall" for registration.

Rex Geveden's farewell reception rescheduled

The farewell reception honoring Rex Geveden, Marshall Center deputy director, has been rescheduled for Friday, Nov. 5 from 2 – 4 p.m. Ticket sales will continue through Nov. 2.

Volunteers wanted for High School Senior/NASA Day

Marshall Center team members are needed to share information about their NASA careers with students attending the Alabama A&M University High School Senior/NASA Day Nov. 20 at the university. The activities begin at 7 a.m. and include lunch and the football game. Parking is free. For more information, contact Efreem J. Hanson at 544-6340 or email efrem.j.hanson@nasa.gov.

Instrumentation Division retirees meet Tuesday

Retirees and friends of the Astrionics Lab Instrumentation Division will meet at 11 a.m. Tuesday at the Redstone Golf Course restaurant. For more information call Tom Escue at 256-232-1549.

CFC silent auction bid winner to lunch with David King

Be the high bidder and your student - ages 7-18 - will spend a Day at NASA. The designated student will tour NASA, have lunch with Center Director David King and attend special briefings. The auction is part of the Combined Federal Campaign. For auction information, go to <http://jtconsulting.com/cfcauction> and click on Unique Gift Ideas. The bidding ends at midnight Nov. 5.

Abstract deadline is Nov. 5 for Joint Propulsion Conference

Abstracts are due Nov. 5 for the 41st AIAA/ASME/SAE/ASEE Joint Propulsion Conference & Exhibit in Tucson, Ariz. July 10-13. Abstracts may be submitted online at www.aiaa.org

AIAA sponsoring 11th annual Great Paper Airplane Contest

The American Institute of Aeronautics and Astronautics will sponsor the 11th annual Great Paper Airplane Contest from 3:30-5:30 p.m. Nov. 5. The event will be in the University Center Exhibit Hall at the University of Alabama in Huntsville. There are categories for every age group. For complete rules or more information, call Kevin Connell at (256) 235-0722 or see "Inside Marshall."

NASA TV program to feature weekly Agency updates

A new program on NASA TV will feature weekly updates and top developments from across the Agency. "This Week@NASA" begins Friday with showings at 9 a.m. and noon CDT. Encore presentations will be shown throughout the week. Each week, the program will highlight what's making news and what's making history at NASA. For programming schedules, go to <http://www.nasa.gov/ntv>.

Job Announcements

MS05N0009, AST, Technical Resources Management, GS-13, Space Shuttle Propulsion Office, Space Shuttle Main Engine Project. Closes Nov. 8.

Contact: Edwina Bressette, 544-815

MS05N0010, Program Analyst, GS-12, Space Shuttle Propulsion Office, Space Shuttle Main Engine Project. Closes Nov. 8. Contact: Edwina Bressette, 544-8115

MS05D0011 (outside hire), AST, Liquid Propulsion Systems, GS-09/11 (promotion potential to GS-13), Propulsion Systems Department, Propulsion Systems Design & Integration Division, Liquid Engine & Main Propulsion Systems Branch. Closes Nov. 1. Contact: Jannette Black, 544-8660

Classified Ads

Miscellaneous

Four poster princess style double, dresser, mirror, desk/chair, white w/gold trim, w/ comforter set, \$250. 772-7262

Four wheels and tires, fit Honda Civic 1997, 4-lug pattern, \$100. 828-3181

Fruitwood French Provincial coffee table and end tables w/glass tops, \$300. 772-2332

Pennsylvania House entertainment center, Cherry, holds up to 30" TV, \$750. 931-427-2059

Kincaid solid cherry 3-piece entertainment center, 6'Hx8'W, \$1,200. 828-0756

Full-size complete bedroom suite: bed, chest, dresser, nightstands, mattress, bedding, \$700. 256-864-2517

Decorative cast iron vent-free thermostatically controlled zero-clearance gas heater, 35K BTU, \$400. 656-2965

Cherry bedroom suite: double-bed, dresser w/mirror, 2 nightstands, mattress, box springs, coverlet set, \$425. 650-0630

1998 Whirlpool 25 cu. ft. refrigerator, side-by-side, water & ice in door, almond, \$325. 971-0571

Camper shell for S-10 short bed, \$125; Rare Bach Stradivarius trumpet, mint, \$1,200. 851-8085

Solid Oak table w/2 removable leaves, 6 chairs, \$125; Ladder, metal retractable, 28", \$100. 658-7914

Dooney & Bourke purse, navy blue & tan, \$50; matching wallet, new, \$75. 922-9294

Electric warming mattress cover, king size, \$75. 881-3937

Maytag washing machine, 5-yrs. old, needs work, \$50; dryer, works well, \$100. 519-9326

Camper shell, fits 1992 S10 LWB, white, includes clamps, \$125. 348-7146

Delta aluminum toolbox, fits compact/midsize pickups, mid-lid design w/full weather stripping & lifts, \$175. 256-777-4439

Mathews MQ-32 compound bow, 29" draw, 70 lbs., 80 ET-Off. sites, quiver, \$385 firm. 256-347-0591

2001 Coleman folding (electric lift) camper, 10'x25' setup, a/c, kitchen, toilet, showers, king-size beds, \$9,500. 931-438-2411

Cherry California-king poster bed and bedroom suite, \$1,250. 457-1638

Aquarium, 44 gallon, w/all accessories, \$300; Parrot w/cage, \$500; Antique Duncan-Fyffe dining table, \$250. 653-4240

New Treadmill w/heart monitor and weights, \$200. 880-1663

Mead telescope, 10" SCT, Magellan II computer controller, several lenses, many extras. 882-0431

New Arai helmet, Joe Rocket Phoenix 3.0 jacket, pants, gloves, medium, \$500 for all. 828-8630

GE built-in stove/oven w/hood, almond, \$50; GE dishwasher, almond, \$25; rice maker, \$10. 828-6213

Weider 9930 corner multi-gym, \$170; R/C plane w/remote, gas-powered, \$170. 256-682-3089

Peavey guitar amp, 40-watt, electric or acoustic, volume, bass, mid, treble, distortion controls, \$75. 468-6016

Tree fort, PT pine, wood roof, slide, fire pole, attached swing set, \$475. 513-1667

Ibanez RG170R black electric guitar, no scratches, \$190. 256-655-6293

Craftsman drill press, \$175; Pella crank window, \$20; Brass candle sticks, \$8 each. 837-6776

Broyhill Computer Armoire, 80"Hx50"W, CPU storage, file drawer, wrap around doors, \$1,000. 256-746-0046

Exercise bike, \$50. 355-6648

Lead crystal champagne/sherbet glasses, 2-sets, 6 and 8 pieces, \$35. 881-7182

Large black bird cage, new, \$50. 883-1667/evenings

Boss RC20 Loop Station guitar/vocal effects, five minute sampling, reverse phrases, etc., \$150. 256-303-3702

Vehicles

2003 Yamaha TTR 125 dirt bike, electric start, \$1,400. 256-728-4113

1998 Polaris ATV 300cc, 2wd, front/back rack, auto transmission w/reverse, \$1,800. 881-9753

1990 Dodge Caravan c/v, extended cargo van, customized, 3.3L/v6, original owner, \$995. 851-0893

1997 Ford F150 XLT SuperCab truck, \$9,400. 233-7506 after 5 p.m.

2001 Ford F150 XLT, 4-door SuperCrew, 4.6L/v8, white, bedliner, tow pkg., 71k miles, \$14,500. 256-426-2224

1951 Ford, 2-door, solid body, Mustang front suspension 10-bolt rear end, \$4,500. 509-3392

GoKart, call for details. 990-1986/Fred

2004 Trail Blazer LT, low mileage, fully loaded, full warranty, \$34,000/take over payments. 256-851-0807

1999 Honda Accord EX VL, 2-door coupe, white w/tan interior, 27kmiles, one-owner. 770-0125 after 5 p.m.

New outdoor Victory XL electric scooter, Model SC2700, & electric lift, both \$3,200. 256-828-6070

1999 Chevrolet Tahoe LS, 2WD 67k miles, front & rear a/c, sound system, one-owner, \$13,500. 656-9527

2001 Ford Explorer, 2-door. 233-6197

1998 Lincoln Continental, 24k miles on new engine, garaged, 26mpg, \$6,300. 837-1774

1990 Chevy Camero RS w/350TPI, body good, interior needs work, \$2,500. 931-762-5846

1996 Ford Explorer XLT, 4-door, cd player, towing package, luggage rack, 110k miles, \$4,950. 256-881-5809

1973 Chevrolet Corvette 350, auto, ps/pb, air, TT, matching NOS, white w/black leather, \$11,000. 256-964-5312

1999 Chevy Suburban, white, 67k miles, dual Dvd, new wheels & tires, \$13,90. 430-0155

1990 Mercury Cougar, 2nd owner, 70k miles, keyless entry, \$3,500. 931-993-7768

1994 Nissan King-Cab pickup truck, 4-cyl., a/c, p/s, sprayed on bedliner, red, \$3,500. 772-7845

1992 Mercury Sable wagon GS, blue, all-power, 248k miles, \$600. 430-6842

1991 Dodge Ram 250 conversion van, 9" TV/VCR/Nintendo, red w/custom blinds. 256-536-3801

2001 Toyota Camry LE, 33k miles, 2-year warranty left, cloth interior, all-power, \$14,000. 852-8750

2002 Honda CRV EX, 38.5 miles, automatic awd, sunroof, original owner, Mohave mist, \$17,000. 882-1779

Found

Roll of money in West stairwell of Bldg. 4201 between first and second floors. Call 544-6967 to claim/identify

Free

Composted horse manure for fall gardens, will load for free. 420-8101

Wanted

Two tickets to Alabama vs. Mississippi State game. 883-2757

Girl's 24" bicycle in good condition. 828-5879

Good, used equipment for small restaurant, reasonably priced. 431-0397

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