



MARSHALL STAR

Serving the Marshall Space Flight Center Community

Jan. 23, 2003

Art Stephenson receives Martin Luther King Jr. Unity Award at annual celebration

by Jonathan Baggs

Marshall Center Director Art Stephenson received the Martin Luther King Jr. Unity Award on Monday. He is the first Marshall director to be honored with the award.

The award was presented by the Delta Theta Lambda Chapter of Alpha Phi Alpha Fraternity, Inc., which sponsored the event.

Stephenson was chosen for demonstrating the qualities espoused by Dr. King in exhibiting acts that unify the community – reaching out to all citizens through initiating programs and activities that promote “oneness” among a community.

During his acceptance of the award, Stephenson said, “Members of the Alpha Phi Alpha Fraternity and this great community, please accept my heartfelt and deepest thanks for this award. I can think of no higher honor. When I was informed ... that I would be receiving this honor, that I would be joining the prestigious ranks of previous recipients, I was truly humbled. And, it is only fitting that I use Dr. King’s own words to describe



Photo by Dennis Olive, NASA/Marshall Center

Stephenson, left, receives the Unity Award from Kirby Stevenson.

how I feel. He said, ‘Occasionally in life there are those moments of unutterable fulfillment which cannot be completely explained

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Riccardo Giacconi wins Nobel Prize in physics

‘Father of X-ray astronomy’ works with Marshall-managed Chandra program

from NASA Headquarters

Dr. Riccardo Giacconi, credited with the discovery of cosmic X-ray sources and called the “father of X-ray astronomy,” has received the Nobel Prize in physics – the first awarded in association with NASA-sponsored research.

“Dr. Giacconi has had a long associa-

tion with the Marshall Center,” said Chandra X-ray Observatory project scientist Dr. Martin Weisskopf. “This began with the High Energy Astronomy Observatories (HEAO) initiated in the 1960s and continues today with his involvement in the Chandra Observatory.”

Giacconi is the principal investigator performing one of the Chandra deep-field

surveys – where the same area of space is viewed for a long time. Chandra, the world’s most powerful X-ray telescope, is managed by the Marshall Center. Giacconi was the first director of the Hubble Space Telescope Science Institute in Baltimore, Md. The Hubble Telescope, the first of NASA’s great observatories, was devel-

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Unity

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by those symbols called words. Their meanings can only be articulated by the inaudible language of the heart.' This is one of those moments for me. And, it is a moment when I think of the NASA/Marshall civil servant/contractor team members, both individually and collectively, who share, with me, the common goal of 'inclusion' and 'unity.' My sincere thanks to those who support me in this effort every day. I would not be standing here without you. You know who you are.

"I have always tried to live my life by faith and fairness – believing in the value of all persons, and striving to treat each person with dignity and respect," Stephenson continued. "I will be the first to admit that if this were as easy for each of us as we all wish it were, it would not be a basic tenet or commandment of every religion in the world. Neither would there be so many laws on the subject. But while changing hearts and minds about others is sometimes an almost insurmountable challenge, changed behavior toward others can lead to changed hearts and minds. So we must, at every opportunity, seek to 'include.'"

Stephenson said every resource for talent must be tapped. "We all understand the need to produce excellent products or results with the least amount of effort and resources. We, at NASA/Marshall, have complex missions and issues and we never seem to have enough people to do the job. So, just from a practical standpoint, we cannot afford to leave one bit of talent untapped in accomplishing our work. No company or country can. It is not about giving away something that belongs to the majority. It is about allowing and encouraging that which belongs to all of us – opportunity. It is about seeking our sameness to understand the ease with which we can come to love one another. And, it is about seeking and valuing our differences to understand the ease with which we can come to respect one another's potential for contribution. It is about knowing that different backgrounds and experiences bring perspectives and approaches that improve every final product.

"So, we have made the commitment to make a difference in how we value and promote diversity within the workforce at Marshall Space Flight Center and with our choice of partners outside the Center," Stephenson continued. "Sometimes I get impatient with our progress, and I will continue to do so because it is a cause worthy of impatience. When discouraged, I recall the words of the great Maya Angelou, who said, 'Not everything you do is going to be a masterpiece, but you get out there and you try and sometimes it really happens. The other times you're simply stretching your soul.' So, I know that my efforts are never futile, because if I change some behaviors, and some minds, I will have

helped to create the mosaic masterpiece we seek. If not, well, all of us can use a little 'soul stretching.' It is for me simply a question of our ultimately being mediocre in our separateness, or being great in our unity. This annual breakfast reminds us of that. And it reminds us that Dr. King's incredible journey and passion must never be forgotten. Thank you for this award and thanks for this opportunity to join with each of you in recommitting ourselves to 'unity' as envisioned by the great Dr. Martin Luther King Jr."

The award selection committee said Stephenson has shown a genuine embrace of diversity of employees at the Marshall Center, initiated cooperative efforts between Marshall and two historically black colleges in Huntsville – Alabama A&M University and Oakwood College. He interacts with these two institutions, the committee said, by serving in an advisory capacity and liaison between student-conducted research and how they, and NASA, can benefit from their contributions through scholarships, internships and summer cooperative programs.

Shelia Nash-Stevenson, university affairs officer in the Customer and Employee Relations Directorate at the Marshall Center, said Stephenson is "passionate" about equality.

"He really believes there

should be equality for all and he encourages all of us to recognize our individual and cultural differences -- and treat each other with dignity and respect."

"This award is a reflection of Mr. Stephenson's genuine commitment to equality and fairness," said Charles Scales, director of the Marshall Center's Equal Opportunity Office. "His demonstrated willingness to learn about and appreciate cultural differences is being recognized beyond the boundaries of the Marshall Space Flight Center."

Making the presentation Monday to Stephenson was Kirby Stevenson, president of the Delta Theta Lambda Chapter of Alpha Phi Alpha Fraternity, Inc.

Dr. King was initiated into the fraternity at Boston University in 1952.

Stephenson's award was one of two presented at the 18th annual Unity Breakfast honoring Dr. King. Also recognized was Margaret Jasper of Huntsville for her dedication to the community as a foster parent of several children, many who have gone on to graduate from college.

The writer, an employee of ASRI, is the editor of the Marshall Star.

"I have always tried to live my life by faith and fairness -- believing in the value of all persons, and striving to treat each person with dignity and respect."

— ***Art Stephenson***
Marshall Center Director

Marshall Association elects new officers for 2003

From the Marshall Association

The Marshall Association recently elected new officers for 2003.

New officers are Chip Jones (ED33), president; Emil Posey (PS20), vice president for programs; Pat Avery (FD34), vice president for communications; and Cliff Bailey (AD01), secretary/treasurer.

“Our theme this year is ‘teamwork,’ and the Association’s leadership is lining up an exciting roster of speakers to bring us valuable insights in this area, and also initiating the 2003 membership drive,” Jones said.

The group’s first meeting of the year is Jan. 29. David King, Marshall’s new deputy director, will speak. The meeting will be from 11:30 a.m. - 1 p.m. at the Redstone Officers’ and Civilians’ Club.

The Marshall Association provides a forum for discussing matters of interest and for the exchange of ideas and information. It provides networking events, and sponsors two annual college scholarships for Marshall dependents.

“The Marshall Association is committed to providing another year of great opportunities for professional growth,” said Marshall Center Director Art Stephenson. “I encourage our Marshall civil servants to join the many existing members of the Marshall Association. By doing so, you will enjoy the benefits of learning and opportunities to interact with fellow Marshall employees. The association had a number of ‘you-would-not-want-to-miss’ speakers this past year. Please consider joining so

that 2003 will be another successful year for the Marshall Association.”

Membership in the Association is open to all current and former Marshall civil service employees. Membership dues are \$25 per year and checks made out to the “Marshall Association” should be sent to AD01/Cliff Bailey.



Jones



Posey



Avery



Bailey

Photos by Marshall Imaging Services

Giacconi

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oped at the Marshall Center.

Giacconi is president of the Associated Universities Inc., in Washington, and a research professor of Physics and Astronomy at Johns Hopkins University in Baltimore. He discovered the first X-ray stars and the X-ray background in 1962 and conceived of and led implementation of the first X-ray observatories, the Uhuru Satellite and the High Energy Astrophysics Observatory (HEAO-B), also known as the Einstein Observatory, in the 1970s.

In 1976, Giacconi – along with Harvey Tananbaum of the Harvard-Smithsonian Center for Astrophysics in Cambridge, Mass. – submitted a proposal letter to NASA to initiate the study and design of a large X-ray telescope. In 1977, work began on the program now known as the Chandra X-ray Observatory.

Giacconi, 71, received half the Nobel Prize. Raymond Davis Jr., 87, of the University of Pennsylvania in Philadelphia and Masatoshi Koshiba, 76, of the



Giacconi

Marshall Imaging Services/courtesy photo

University of Tokyo, will share the other half of the prize, worth about \$1 million, for their research into neutrinos.

Giacconi said receiving the award confirms the importance of X-ray astronomy. “I think I’m one of the first to get the Nobel prize for work with NASA, so that’s good for NASA and I think it’s also good for the field,” he said. “It’s also nice for all the other people who’ve worked in this field. I recognize that I was never alone. I’m happy for me personally, I’m happy for my family, and I’m happy for the field and for NASA.”

Celeste Atkins, an employee of ASRI supporting the Marshall Media Relations Office, contributed to this article.

NASA announces out-of-this-world opportunity for teachers

from a NASA Headquarters release

NASA Administrator Sean O'Keefe and Florida First Lady Columba Bush outlined a unique NASA program Tuesday designed to show learning in a whole new light by giving students and teachers across the country an out-of-this-world experience.

Bush joined O'Keefe at Hardy Middle School in Washington to make the recruitment call to a group of students, teachers, and education professionals.

"This program is wonderful because it will reveal the endless possibilities of space exploration to a new generation, just like many of today's NASA scientists were inspired by a similar calling in the 1960s," Bush said.

The program's goals are to generate interest in science and mathematics and cultivate a new generation of scientists and engineers by nominating and recruiting educators for NASA's astronaut corps.

"NASA leads the most ambitious exploration and scientific research efforts in history," O'Keefe said. "It's a legacy that is in jeopardy unless we find innovative ways to get students and the entire education community excited about mathematics and science. We believe the Educator Astronaut Program will help us fulfill our mandate to inspire that next generation of explorers."

Teachers who want to join the Educator Astronaut Program may apply using the Educator Astronaut Web site at <http://edspace.nasa.gov>. The application deadline is April 30, 2003.

NASA will review the applications and select Educator Astronaut candidates to begin training at the Johnson Space Center in Houston to join the astronaut corps. After graduation, new Educator Astronauts will be eligible for a Space Shuttle flight assignment as fully trained Mission Specialists.

"Educator Astronauts will be able to provide a direct connection between America's teachers and students, and the various careers and opportunities associated with space exploration through the Nation's aerospace program," said NASA Associate Administrator for Education Dr. Adena Williams Loston, who will manage the program in Washington. "Education has always been a part of NASA's mission, and we have renewed our commitment to get students excited about science, technology, engineering and mathematics again," Loston said.

NASA also is working with industry, and other federal, state and local governments to engage educators, students and the public.

Over the next several weeks, NASA Astronaut Leland Melvin and Educator Debbie Brown will act as co-managers and ambassadors of the program, visiting a number of cities to explain the program and its many opportunities.

The Marshall Center has formed an Educator Astronaut Team responsible for coordinating the distribution of information about the program. Team members are: Tammy Rowan-CD60, who is on detail at NASA Headquarters; Jeff Ehmen-

CD60 and Marshall Center team lead; Annie Matisak-CD60; Rita Evans-McCoy-CD10; Angela Storey-CD40; Marcia Cobun-CD50; Jerry Berg-CD70, Chanel Leslie-OS01; and Shannon Raleigh-MP71. The Educator Astronaut Web site is hosted at Marshall through the Center Operations Directorate, with support from the CSC/PrISMS contract. The CSC Internet Delivery Services Team is responsible for delivering Web site content to the public, maintaining a database of nominees, initial screening and answering of e-mail, development of promotional animations, and helping define student participation elements.

Students, educators, parents, and anyone interested in participating in the program are invited to join the Educator Astronaut "Earth Crew." The Earth Crew is a Web-based interactive initiative linking audiences with education activities and programs, astronaut profiles, and basic information about NASA, living and working in space.

"A program this ambitious is needed. Our country needs more students and educators devoted to science and technology," O'Keefe said. "The Educator Astronaut Program will help us accomplish this vital goal necessary to secure our future."

Access to the Educator Astronaut Program, along with additional information about NASA's education initiatives are at: <http://edspace.nasa.gov>, <http://education.nasa.gov/> and <http://spaceflight.nasa.gov>.

Job announcements

MS03C0029, Program Analyst. GS-343-11, Space Transportation Directorate, Business and Administrative Office. Competitive Placement Plan. Closes Jan. 27.

MS03C0033, Program Analyst, GS-343-12, Space Transportation Directorate, Business and Administrative Office. Competitive Placement Plan. Closes Jan. 27.

MS03C0034, AST, Navigation Guidance and Control Systems Team Lead. GS-861-14, Engineering Directorate, Avionics Department, Instrumentation and Control Group. Competitive Placement Plan. Closes Jan. 24.

MS03C0035, Supv., Human Resources Specialist. GS-201-14, Customer and Employee Relations Directorate, Employee and

Organizational Development Department. Competitive Placement Plan. Closes Jan. 24.

MS03N0036, AST, Aerospace Flight Systems. GS-861-14, Space Shuttle Projects Office, Solid Rocket Booster Project. Notice/reassignment. Closes Jan. 31.

MS03N0037, AST, Aerospace Flight Systems. GS-861-13, Space Shuttle Projects Office, Solid Rocket Booster Project. Notice/reassignment. Closes Jan. 31.

MS03C0038, Aerospace Engineering Technician. GS-802-12, Engineering Directorate, Structure, Mechanics and Thermal Department, Thermal and Fluid Systems Group. Competitive Placement Plan. Closes Jan. 31.

Center Announcements

SHARP mentors needed for student education programs

The Marshall Center's Education Programs Department needs volunteers to work with students participating in the 2003 NASA Summer High School Apprenticeship Program. SHARP offers high school students opportunities to participate in an eight-week science and engineering program. Researchers and other science and engineering professionals are encouraged to volunteer as mentors. For more information, call 544-6025.

CFC accepting applications for 2003 coordination

The Local Federal Coordinating Committee for the Tennessee Valley Combined Federal Campaign is accepting applications through Jan. 24 for a Principle Combined Fund Organization (PCFO) to administer the 2003 campaign. The PCFO is responsible for campaign management and fiduciary responsibility. All applications must be mailed to CFC Chairperson, AMSAM-CFC, Bldg. 3708, Redstone Arsenal, Ala. 35898-5795. Only federations, charitable organizations, or a combination of the two, are eligible to apply for the position.

IAAP meeting is Tuesday

The International Association of Administrative Professionals will hold its monthly meeting from noon-1 p.m. Tuesday at 301 Sparkman Drive, Von Braun Hall, Room M-50 on the University of Alabama at Huntsville campus. A luncheon and networking session begins at 11:30 a.m. For more information, call Rene Holden at 5-7721. To order lunch, e-mail Paulette Bell at bellp@email.uah.edu.

Shuttle Buddies to meet Monday

The Shuttle Buddies will meet at 9 a.m. on Monday at Mullins Restaurant on Andrew Jackson Way in Huntsville. For more information, call Deemer Self at 881-7757.

'Take Our Children to Work Day' volunteers needed

Volunteers are needed to help plan the annual "Take Our Children to Work Day" events at the Marshall Center. A coordination meeting will be from 1-2:30 p.m. Tuesday in Bldg. 4200, Room 715. For more information, call Billie Swinford at 544-0087.

Phone book recycling ongoing

Old telephone books should be placed in the marked bins next to building entrances and/or elevator lobbies at the Marshall Center. Collection ends Jan. 31.

Marshall safety training set

The new Marshall Safety Culture Training is mandatory for all civil service and contractor employees who have not had the Dupont Safety Training. To register, go to the Safety, Health and Environmental Web site on 'Inside Marshall.' For more information, call Maria Hicks at 544-2571.

Marshall Association meeting set for Wednesday

The first Marshall Association meeting of 2003 will be from 11:30 a.m.-1 p.m. Wednesday at the Redstone Officers' and Civilians' Club. Marshall Deputy Director David King will be the speaker. Cost for lunch is \$9 and annual membership in the Association is \$25. For more information or reservations, call Cliff Bailey at 544-5482.

ADA topic of 'Lunch & Learn' meeting on Jan. 30

"Lunch & Learn" meeting from 11-11:45 a.m. Jan. 30 in Morris Auditorium will feature discussion on the Americans with Disabilities Act. Graham L. Sessions, Jr., Alabama assistant attorney general and head of state rehabilitation services, will speak on basic ADA employment provisions and issues of reasonable accommodation, emotional and mental health, conduct and direct threat issues.

Spacecraft Charging Technology Conference will be Oct. 20-24

The 8th Annual Spacecraft Charging Technology Conference is set to be held in Huntsville Oct. 20-24. The international forum is held once every three years. For more information, go to <http://see.msfc.nasa.gov/sctc>.

Astronomical society meeting Saturday

The Von Braun Astronomical Society will meet at 7:30 p.m. Saturday at the Wernher von Braun Planetarium in Monte Sano State Park. Dr. Roy Young will present "The Winter Skies." Non-member admission is \$3 for adults and \$2 for children 12 and under. Weather permitting, a "star party" with the planetarium's telescope will follow. For more information, call Mitzi Adams at 961-7626.

Valentine's Latin dance is Feb. 14

A Latin dance will be 9 p.m.-1 a.m. Feb. 14 at the Senior Center Auditorium on Drake Avenue at Ivy Avenue in Huntsville. Free group Merengue and Salsa lessons will begin at 8 p.m. Music will be by Luis Trevino's Latin Rhythms Band and disc jockey Signey Hernandez. Tickets are \$10 in advance or \$15 at the door and are available from Tiendita Latina on Jordan Lane or from Elia Ordonez in the Equal Opportunity Office at 544-6658.

NASA Exchange jewelry sale is Tuesday-Thursday in Bldg. 4203

A 14k gold and sterling silver jewelry sale will be 8:30 a.m.-4 p.m. Tuesday-Thursday in the lobby of Bldg. 4203.

NASA Ski Week reservations being accepted

The 12th-annual NASA Ski Week will be at Big Mountain ski resort in Montana Feb. 22-March 1. All Marshall team members, retirees, and their families are eligible. For more information, call 233-0705 or e-mail Thomas.S.Dollman@msfc.nasa.gov.

Employee Ads

Miscellaneous

- ★ Revell Apollo Command Module model kit. Large model, never assembled, complete in box. \$50. 306-0700
- ★ Dell computer w/17" monitor, keyboard, mouse, processor, 4.3Gb HD, 128Mb RAM, CDROM, modem, \$250. 882-1779
- ★ Yamaha GT80 trail bike, 2,300 miles, vintage bike, new parts, \$600. 325-6000
- ★ One week Space Camp tuition, age 9-12, includes spacesuit, good thru 12/03. 722-4069 days
- ★ Two white bunk beds, top single, bottom Futon, mattresses included, \$300 each. 256-776-3883
- ★ Five rolls Laura Ashley wallpaper, never opened, Pattern Melrose/Burg/Sand. \$15 per roll. 256-355-0348
- ★ Schwinn Aerodyne exercycle, \$200; Basketball goal, portable, adjustable, \$50. 883-2918
- ★ New Dual Band wireless AB Broad-band Linksys router, 4-port, full-duplex 10/100 switch, \$235. 489-8421
- ★ Yamaha grand piano, 513", black polished finish, 4 years old, \$10,000. 931-625-0671 leave msg.
- ★ Solid oak coffee table, \$100; Fernandes green electric guitar, \$75; twin pine headboard, \$75. 922-9387
- ★ Wood desk and chair, \$75; wood bookcase, \$30; Walnut console TV, \$20. 880-7376
- ★ NordicTrac Achiever, \$200; four antique Oak chairs, \$300. 880-7106
- ★ Telephone pole w/cut-off box, meter base, and several feet of copper wire, \$300. 256-723-2462
- ★ Set of front & back car seats, gray velour, from 1997 Jeep Cherokee, \$125/obo. 256-837-6879
- ★ Receiver hitch for Lumina, never used, \$30. 880-2645
- ★ Treemont wood stove/fireplace insert, \$200. 256-233-2862

- ★ Graco toddler bed with Kolcraft mattress, white, \$40. 461-9453/day, 232-8311 evening
- ★ King light oak waterbed; semi-waveless, double pedestal, headboard w/light, glass doors, \$350. 461-8721
- ★ BMW factory accessory "M" 5-speed aluminum shift knob, fits all except E31/8 series, \$30. 922-1424
- ★ Broyhill bedroom set, walnut finish, full-size bed, dresser, chest, \$250; cedar-lined wardrobe, \$75. 837-3024
- ★ Brinkmann smoker grill, \$10. 881-4028
- ★ Three piece sofa, 107", off-white material, \$295. 882-9417
- ★ Four P235R15 tires mounted on F150 Argent rims, 20K miles, \$200. 256-881-2351
- ★ Recumbent bicycle, long, low-riding, chopper style, 20" front, 26" rear, 21-speed, \$375. 880-9025
- ★ Delta planer, 13", Model DC33 w/stand, \$600. 256-830-1775
- ★ McGregor golf bag, medium size, black w/silver trim, \$30. 533-4824
- ★ Sectional sofa, full bed, & recliner, light grey w/taupe, cream & brown, \$300. 683-2161
- ★ Trailer w/tilt, 4'x8', \$300; Four new Pacer wheels, 15x.5, polished, \$600. 707-6544 beeper

Vehicles

- ★ 1996 Chevrolet Silverado Z71, 4x4, extra cab, 3rd door, \$10,300. 233-5161
- ★ 1998 Chevy S10, SLS, 3-door, extended cab, many options, 4.3L/6 cyl, automatic, alloy wheels, \$7,450. 256-753-2278
- ★ 1997 Mercedes 320E, 81K miles, \$18,000. 651-5759
- ★ 2000 Nissan Maxima GXE, 5-speed, manual, sunlit sand, 55K miles, new tires, \$11,950. 318-2921
- ★ 1994 GMC SL truck, 4x4, Z71, black, CD, auto, \$7,250. 256-796-5136
- ★ 2000 Nissan Frontier Kingcab XE

- pickup, manual, AM/FM/cassette, bedliner, 34K miles, \$10,000. 881-8130
- ★ 1994 Jeep Grand Cherokee, 4WD, auto, air, all-power, keyless entry, approx. 190K miles, \$5,000. 830-1648
- ★ 1976 Datsun 280Z, interior and engine good, some new parts, blue, \$1,300 obo. 256-880-5838
- ★ 1995 Mustang GT, red, 5-speed, power locks/windows, keyless, cruise, garaged, 83K miles, \$6,400. 726-0211
- ★ 1997 Chevrolet K2500, 4x4, white, extra cab, toolbox, new tires & parts, 180K miles, 990-1509
- ★ 1998 Ford Escort ZX2, black, a/c, 5-speed, single owner, 95K miles, \$3,300. 683-4976
- ★ 1992 Acura Integra GS 3-door, auto, air, new tires/paint, 160K miles, \$4,750. 232-3836/683-0702
- ★ 1992 Cadillac Eldorado touring coupe, 61K original miles, \$5,000 obo. 961-1291
- ★ 1988 Chevy K1500 4x4 truck, 305/V8, a/c, auto, bedliner, 78K miles, \$4,000. 722-0417
- ★ 1987 Dodge Ram D50 pickup, black, LWB, w/camper shell, needs engine work, \$500. 233-1649
- ★ 1999 Ford F-350 power-stroke, 4x4 King Cab w/leather, tow pkg., 36K miles, \$24,250. 931-732-4742
- ★ 1980 Honda Prelude, automatic, 142K miles, \$800 obo. 883-4385

Free

- ★ Windows screens, dark brown, assorted sizes. 828-1127
- ★ Used garden tiller in good condition. 468-3749/837-3746

Wanted

- ★ Three feet of Thicknet network cable & "vampire tap", for class demonstration. 882-0133

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