



# SPACE CENTER Roundup

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SURGEON



## The dream lives on...

Astronaut Barbara Morgan, a former schoolteacher, is seated at the Spacecraft Communicator (CAPCOM) console in the International Space Station (ISS) Flight Control Room during STS-110/8A. NASA Administrator Sean O'Keefe accompanies her.

On April 12, O'Keefe announced Morgan would fly on a Space Shuttle mission to the ISS shortly after the completion of the core elements of the orbiting outpost in 2004.

Morgan was selected as a mission specialist member of the Astronaut Class of 1998. Since then, she has undergone training for space flight and currently serves as the communications interface between Mission Control and the Expedition Four crew aboard the orbiting station.

**See Page 3 for more details.**

# New JSC Center Director addresses the workforce

By Melissa Davis

*Strength. Integrity. Honor.*

New Center Director Gen. Jefferson Davis Howell Jr. left no doubts about his leadership style in his first address to the Johnson Space Center workforce on April 16. The audience responded to the inspiring self-introduction by the retired U.S. Marine Corps Lieutenant General with thunderous applause and a standing ovation.

The event opened with NASA Administrator Sean O'Keefe giving Howell a glowing introduction, saying Howell meets all the criteria he set for the Center Director position. "...I could not think, could possibly not dream, of having the opportunity to have selected a gentleman who manifests every one of those characteristics," he said.

O'Keefe also said he has "complete confidence" in Howell's ability to lead the Center, and to be a great contributor in the NASA family.

Howell then walked to the microphone and said, "What an introduction! That concludes my remarks," as the audience erupted in laughter.

Throughout his life, Howell said he has been blessed with loving and supportive parents, numerous friends, a devoted wife, two children who make him prouder every day, the ability to be a Marine and the opportunity to be a fighter pilot.

"I am truly a lucky, lucky man," he said. "And this certainly goes well beyond that as the icing on the cake as far as the blessings that I've received."

When it comes to his personal outlook, Howell said he is a positive thinker.

"I have very few dislikes. I guess really when I thought about it there are only a couple of people I don't like to be around," he said. "Mainly, it's people who don't care. I can't stand to be around people who don't give a darn. And I don't think I'm going to have that problem here. I surely haven't run into it so far since I've been here."

He said he also doesn't like people who pass the buck. "I like people who take responsibility for their actions or inaction, and then try to do better," he said.

## Expectations

Teamwork is key to Howell. "We're one team, and that's the way we're going to be," he said. "And, except for just the requirements by law that we have certain rules and regulations we must follow as civil servants vs. contractors, other than that, it's a badgeless society as far as I'm concerned. That's the way we're going to do business around here. We're all in this thing together."

**He then spelled out what he expects from the JSC team:**

### Total Integrity

"I think that every association that I have been successful in has been total trust with those that I associate with, and that's what I expect here with you and me, and with you and each other. We've got to be truthful, and we've got to be responsible for our actions. We must be people of honor – total integrity, No. 1."

### Total professionalism

"We must have technical excellence, and we must give superior performance and strive for that on a daily basis. Our nation expects it of us, because we are NASA, and we must be the best of the best. Not everybody is dealt the same hand of cards. There are some people better at things than others. So not everybody is going to hit a home run every time they get up to bat. However, that doesn't mean we can't strive for that. That's what I'm asking for, is we must all give everything we have to what we're doing to be the very best we can be in our jobs... We are just as strong as our weakest link. Everybody, no matter what your function is, has to give a 100 percent and be great at it for us to excel."

### Respect one another

"I expect us to have a common courtesy and civility between all of us as we work here together. I expect managers to treat their employees as a teacher would their students – to advise, to give guidance and to assist. If there is anybody around here who thinks because they are in a position of responsibility or management that they can bully other people, they're in the wrong place. That doesn't work around here. We're all going to respect one another. We're going to cooperate with one another and we're going to show regard and consideration for each other. Things such as race, sex and religion don't count. It's the individuals and their contribution here, and that's the way we're going to deal with one another all the way up and down."

### Commitment

"That's the glue that carries all these values together. It's our dedication to this noble endeavor that we're a part of. It's the courage to do the right thing. It's loyalty to each other, and it's a passion for our work."

FROM THE DESK OF GEN. JEFFERSON D. HOWELL, JR.



As I said in my talk on April 16, it is indeed a pleasure to be here at Johnson Space Center and it is an honor for me to work with you. Each one of you is a critical part of this team and your contributions are vital to making JSC a success. This is an exciting time for us and there is much to address. To be successful, we need to stay connected and focused, and to do that, we all must be on the same page.

I appreciate having this forum in the *Roundup* to speak to you each month. While it would be a privilege to talk with each of you individually, it is not feasible, at least in the short term. My communications to the workforce will help ensure that you know where I stand on the issues. As I told my staff last month, I am the Rumor Control Officer at JSC and I plan to keep the communication lines open to you. Therefore, I plan to use this as my personal letter to every one of you each month.

My expectations of you: I expect integrity, professionalism, respect for one another and commitment. I will settle for no less. In return I will give you the same. I also give my promise to serve you and our nation's space program to the best of my abilities.

Additionally, I want to express my gratitude for the warm reception I receive as I meet more of you each day. I appreciate your support and trust as I work to uphold your expectations – as I know you will work to uphold mine.

Thank you for your hard work and dedication. You are the best of the best. Never forget that.

## The direction of JSC

Howell said mission support is a priority for JSC and will be for several years to come. "I know you'll carry it out just the way you have in the past. It's just an incredible challenge and something we can all be proud of," he said.

The team also needs to continue research in regard to conducting long-range human exploration. "If we are going to go out beyond as we say in our vision, we've got to learn how to cope with that as humans in a very, very harsh environment," he said.

In addition, Howell believes safety is an essential issue in everything that is done at JSC. "It's just a part of us. It's part of the air we breathe because professionals are safe," he said. "You can't be a professional and not be safe. Professionals do things correctly, and if you do it correctly, you're going to do it safely."

## The future

"I think our challenge is to marry human exploration to our vision that we have been given so well by our Administrator," Howell said.

Howell said the Center's roadmap is now the vision and mission statements that O'Keefe unveiled on April 12. (See page 3 for both statements)

The Center's guidelines are the President's Management Agenda, which can be found at <http://www.whitehouse.gov/omb/budget/fy2002/mgmt.pdf>.

"That's the way we're going to do business. If you have not read this or become familiar with this, I expect every person at this Center, on this team, to become familiar with this and start doing business in accordance to the way the President wants us to," he said.

Howell also stressed that JSC must "learn to collaborate and cooperate with the other Centers so that we can carry out human exploration along with the other exploration and scientific research that's going to be done."

Doing so means JSC participating in the Space Launch Initiative. (For more information on the initiative, visit <http://www.sline.com/>)

## A special team

"You need to remember, you need to understand how special you are: You – the JSC team; we – NASA," Howell said.

He said only an elite group is selected to work at JSC. "Nobody does it better than you. Nobody knows how to do it better than you," he said. "You are the best of the best, and you should recognize yourself for that."

The flipside of the coin, Howell said, is the 'curse' of being at JSC. "The curse is: You are only as good as you are today... We have all these glorious achievements that we have done, but if we don't cut it today, it doesn't amount to a hill of beans," he said.

"That's our burden, that's our challenge and that's what makes it exciting. That's what makes it worthwhile because it is so noble, and because we make a difference." ❖



NASA JSC 2002e13689 Photo by Robert Markowitz

# Administrator unveils future NASA vision and a renewed journey of learning

**I**n his first major address since being sworn into office, NASA Administrator Sean O'Keefe recently outlined his strategic vision for the Agency's future, including a component designed to inspire and educate a new generation of explorers and scientists.

The Administrator shared his vision of NASA's future in a speech at the Maxwell School of Citizenship and Public Affairs on April 12, located on the campus of Syracuse University. O'Keefe was joined by U.S. Rep. Sherwood L. Boehlert, who oversees the Agency as Chairman of the House Science Committee, and U.S. Rep. James T. Walsh, who heads the House subcommittee that supervises NASA's budget.

"The nation faces extraordinary new challenges. The world is changing, and if NASA is going to exploit these new opportunities then America's space program must also change," O'Keefe said. "Our future decisions will be science-driven, not destination-driven. The investments we make today must be justified by their contributions to the long-range goals of the Agency."

In his speech, titled "Pioneering the Future," O'Keefe spelled out NASA's vision and mission.

## The new NASA vision for the future is:

*To improve life here,  
To extend life to there,  
To find life beyond.*

## The NASA mission is:

*To understand and protect our home planet  
To explore the Universe and search for life  
To inspire the next generation of explorers  
...as only NASA can.*



**NASA Administrator  
Sean O'Keefe**

He also outlined the importance of inspiring a new generation of explorers through education. "Education is part of our core mission," O'Keefe said.

In an effort to take students on a new journey of learning, the Administrator unveiled plans for a new type of space explorer – an Educator Mission Specialist. Shortly after completion of the core elements of the International Space Station in 2004, NASA will send Astronaut Barbara Morgan, the agency's first Educator Mission Specialist, into space.

Morgan was selected as the backup candidate in 1985 for the Teacher in Space program. She trained side-by-side with Christa McAuliffe and the Challenger crew at the NASA Johnson Space Center in Houston. The Teacher in Space program ended when Challenger exploded Jan. 28, 1986, killing McAuliffe and her six crewmates.

"The time has come for NASA to complete the mission – to send an educator to space to inspire and teach our young people," O'Keefe said. "Working in partnership with Education Secretary Rod Paige, we will make Barbara's flight the first in a series of missions in the new Educator in Space program."

O'Keefe said it is fitting that Morgan complete the mission of STS-51L. "For the past 16 years, Barbara has worked with NASA and countless science organizations, keeping alive Christa McAuliffe's inspiration. She is uniquely qualified to take our students on a journey of education that only NASA could make possible."

The new vision for the Agency builds on NASA's unique capabilities as the nation's premiere aeronautics and aerospace organization. "The biggest difference is that we will let specific science objectives tell us where to go," O'Keefe said. "NASA's mission of discovery will be carried out with a new commitment to fiscal responsibility and the synergy that comes from working with other government agencies, private industry and academia."

The complete text of the Administrator's address and additional supporting material are available on the Internet at:

[http://www.nasa.gov/bios/speeches\\_2002.html](http://www.nasa.gov/bios/speeches_2002.html) ❖

## 'There's no endpoint to education'

**By Melissa Davis**

It was Barbara Morgan's moment in the spotlight. The previous week NASA Administrator Sean O'Keefe had announced plans that she would be the Agency's first educator mission specialist. Her time had come and the media had gathered to hear her story.

Yet, she turned that spotlight on the profession she holds dear to her heart.

"The job of education is never done. It always should be a major focus in this country," she said. "It is the key to the future."

People have told Morgan they believe that her going to space will finally fulfill Christa McAuliffe's mission. Morgan disagrees.

"It's not that I will be fulfilling Christa's mission but helping to carry it on," she said, "just as so many people have for so many years across the country through the Challenger centers, through the activities that they do in the classroom – just being dedicated classroom teachers who are enthusiastic about students and what they're learning and their future."

She went on to say: "The job of education is never fulfilled. Every year you have a new group of students and you have a new generation coming in. So, there's no endpoint to education, just like there's no endpoint to the universe and the kinds of things NASA is doing to explore that universe." ❖



NASA JSC 2002-E-13485 Photo by Robert Markowitz

**Astronaut Barbara Morgan and NASA Administrator Sean O'Keefe took part in a press briefing on April 16 at JSC. On April 12, O'Keefe announced Morgan would fly on a Space Shuttle mission to the International Space Station shortly after the completion of the core elements of the orbiting outpost in 2004.**

Additional information about Barbara Morgan is online at:  
<http://www.jsc.nasa.gov/Bios/htmlbios/morgan.html>

# Out With The Old, In With The New

## NASA Exchange-JSC improves to better serve you



NASA JSC 2002e12466

**NASA Exchange-JSC offers numerous benefits that improve the quality of life at the Center. Below are the Exchange managers. Seated, from left, is Lisa Rasco, Deborah Acosta Conder, Elva Ayers and Robin Fenneberg. Standing, from left, is Pete Del Buono, Gary Novominsky, David Adair, Mary O'Connell and Kevin Candee.**

If quality, convenience and value are what you desire, then why not start using the program offered at Johnson Space Center designed to give you just that? This can be accomplished simply by using the services of the NASA Exchange-JSC.

"Within walking distance of most buildings, you can shop and have lunch," said Lisa Rasco, Retail Operations Manager. "You don't have to hike to your car, fight NASA Road 1 traffic, wait in a long line or hope your parking spot is still there when you get back. It's like a little community."

The Exchange also offers many benefits that improve the work experience and quality of life at JSC. New changes have been brought about thanks to a 2001 survey, which garnered feedback from the civil servant and contractor community as to what they would like to see changed or added. The Exchange staff is inviting everyone to check out their new look, experience new programs and be a part of turning ideas into new realities. Below is a list of what the Exchange offers:

#### Cafeteria

- ▶ Buildings 3 & 11
- ▶ Pizza/boxed lunch delivery
- ▶ Catering

#### Retail

- ▶ Buildings 3 & 11
- ▶ Online at ShopNASA.com
- ▶ Floral & balloon delivery
- ▶ UPS services
- ▶ Film processing
- ▶ Stamps
- ▶ Business cards
- ▶ Ticket sales
- ▶ Swap Shop

#### Employee Activities Association

- ▶ Travel
- ▶ Youth & social activities
- ▶ Publicity
- ▶ Clubs

#### Gilruth Center

- ▶ Catering: Business & private events
- ▶ Recreation: Leagues/classes
- ▶ Meeting & banquet rooms
- ▶ Massage therapy
- ▶ Health/nutrition education

#### Additional Services

- ▶ Vending
- ▶ Scholarship opportunities

NASA Exchange is a non-appropriated funded activity authorized by the Space Act to provide employees and patrons with convenient, quality products and services that support the health, welfare and morale of the Center's employees. Primary ventures include: Food service, catering, retail, recreation, vending and special events. All money earned through the Exchange operations is used to support further activities, services and opportunities offered by the Exchange.

The Exchange provides opportunities designed to make working at JSC a pleasurable experience. "We provide JSC employees with those 'extra' products, services and activities that help make JSC an overall great place to work," said Deborah Acosta Conder, Exchange Operations Manager. "As we all know, work here at JSC is exciting, but can sometimes be hectic and stressful. We offer fun, camaraderie and relaxation in this fast-paced environment."

Conder called the Exchange's contributions "a major 'non-pay' benefit to all JSC employees."

Employees may not realize the proceeds made from Exchange Operations help subsidize the Employee Activities Association (EAA) events. Within the EAA lie many opportunities to make new friends, spend time with the kids, get away for a while or just gather with co-workers to enjoy a night out.

EAA President Ginger Gibson and her officers are always planning an activity, whether it is an outing to explore the Texas bluebonnets, overseas trips to such hotspots as Germany and the Bahamas, or group tickets to local sporting events or performances. The youth activities are designed to bring families together for children's events.

To help employees get more involved in their careers or pursue a personal interest, EAA provides a list of area clubs that serves as a resource for the benefit of JSC civil service and contractor employees. For more information, please visit the EAA Website at: <http://eaa.jsc.nasa.gov/>

The cafeterias, located in Bldg. 3 and 11, offer a variety of choices for breakfast and lunch at tax-free prices.

"Most prices are below what you find elsewhere," Rasco said. "And when was the last time you ate a full meal for \$4.25?"

Even if you can't get away from your desk, the Exchange has got you covered. "If you find yourself unable to leave your office for lunch, delivery service is available for pizza and boxed lunches," said Gary Novominsky, Cafeteria Manager. "The cafeteria also caters within the Center and can provide made to order items not found on the regular menu."

Daily menus and delivery ordering can be found online at: <http://hro.jsc.nasa.gov/cafes/menus>

The Exchange Stores, located in each cafeteria, are stocked with specialty products, gifts and everyday items. Services such as floral and balloon bouquet delivery, UPS services, business cards and film processing are also available. Discount tickets to some of the area's best attractions can be purchased, as can stamps and cards for those last minute birthday or anniversary gift needs.

Stop by or check the Website at [www.shopnasa.com](http://www.shopnasa.com) to view the monthly specials and to see who might be displaying special products

and services. In the past the store has hosted book fairs and signings and cell phone specials.

The Exchange also operates the Gilruth Center. In an effort to make the center more user-friendly, a Space Center Boulevard entrance was opened May 1. New improvements have given way to a wider array of possible uses.

"Our recent renovation of the upstairs floor provides employees with a professional and pleasant environment to hold business meetings, training classes or private events, such as weddings and anniversary events," Conder said. "The fence provides for better utilization of the facility, especially for our off-site contractor employees who don't have badges. It allows access without going through the main gate."

Gilruth Catering is on-hand to provide exceptional service and quality meals at a competitive price. The menus are extensive and vary from continental breakfast selections to hors d'oeuvres and a cold meat and cheese buffet with assorted breads, to full course meals complete with soup or salad, vegetables, dessert, beverages, rolls and butter.

"Our goal has been to provide an economical food service experience to NASA, contractors and patrons of the Center," said Robin Fenneberg, Director of Catering Services. "The Gilruth Center has always prided itself on quality services at a reasonable price."

Fenneberg added, "With the expansion of our services for private parties, such as weddings, anniversaries, and birthdays, and the beautiful remodeling of the building, I can see a brand new era emerging for the Gilruth Center."

Gilruth Recreation offers numerous choices for health and fitness activity. There are leagues for soccer, volleyball, flag football, softball and basketball. Instructive classes include aerobics, aikido, ballroom dance, cardio kickboxing, hatha yoga and others.

Lunchtime sessions of select classes have been added to the schedule for added convenience. Health and nutrition classes are also offered, and a massage therapy program will begin soon. The facility features a weight room, men's and women's locker rooms, batting cages, playgrounds and running trails.

"Gilruth Recreation choices compare reasonably to outside gyms and our selection of classes is often more varied," said Pete Del Buono, Director of Athletic Services.

The ability to workout onsite after work hours is more convenient than going home first. "The demands of family, work and children are usually more pressing, and I've often found that people have trouble making it back to the gym after the comfort of home sinks in," he said. "This can get in the way of good health. We provide the opportunity to get the desired results in a convenient, safe environment."

Future endeavors for the program are essential and, as a result of the employee survey, a tremendous amount of insight and information was gained as to what the JSC community really wants.

"We are investigating all types of options," Conder said. "We are in the process of deciding how best to initiate and launch these recommendations for the benefit of our employees. We can start by enhancing our current offerings and introducing new programs and services."

"It is important that current and potential customers gain an understanding of the breadth of services and products we offer," said Greg Hayes, Director of Human Resources and Chairman of the Exchange Council. "Most people think we take care of the cafeterias, sponsor the picnic and run the stores but we're really about much more than that. We have a very strong interest in providing goods and services that will serve our employees better."

Story by Ami Blackwell  
Photos by David DeHoyos



NASA JSC 2002e12468

## Gilruth improvements

Recent renovations within the Gilruth Center have made the complex more functional and inviting than ever. The chain link fence that once barricaded the upstairs area is gone, and the walls have been newly painted and decorated with landscape portraits and longhorn mantelpieces. Vibrant blue carpet lines the halls and woody tables, lamps and benches nicely accent the Texas Country motif.

The small meeting rooms, which will hold a maximum of 12, have all been refurbished to match the new décor and have been outfitted with new furnishings, lighting, carpeting and wood blinds. For instance, The Rio Grande Room, once a storeroom, now features an executive style cherry wood table and chairs, end tables and a telephone for conference calls. The Trinity Room, with its large oval conference table and two serving tables, is ideal for a group needing a working lunch or a simple breakfast brainstorming session.

On a grander scale, the 2,700-square-foot Lone Star Room is designed to handle audio/visual capabilities for larger crowds. There is a built-in system with capabilities for additions such as an AM/FM Receiver/Tuner, a CD/DVD player, a wireless or plug-in microphone, a plug-in CATV drop and a VCR. New carpeting, flooring, crown molding, blinds, valences and chandeliers have been added to create a more personal atmosphere. The round tables can be decorated for a celebration or arranged for maximum visibility of speakers or presentations. With the capability to seat 80 people, this room is an attractive alternative to the standard windowless meeting room.

The Gilruth Center is available to all JSC employees and contractors and their families for a variety of business and personal needs and functions. Gilruth Catering is on hand to create delicious food for all occasions. With such service and care, the possibilities are endless. For more information or to make your reservation, please contact Robin Fenneberg, Director of Catering Services, at x30308.

### Exchange Partners

*Contractors who contribute an equitable share to support the Exchange*

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*The Exchange appreciates its Exchange Partners*

## White Sands Test Facility reaches for and grabs OSHA Star

**F**or three years, the NASA Johnson Space Center White Sands Test Facility (WSTF) in Las Cruces, N.M., prepared for an audit by the Occupational Safety and Health Administration. The facility hoped to earn OSHA's Star safety rating – the highest awarded by the group.

In February, WSTF employees' hard work paid off when the facility was awarded two OSHA Star flags: One for NASA and another for a contractor, Honeywell Technology Solutions Inc. (HTSI). The rating is based on OSHA's four criteria for safety performance: Management Leadership and Employee Involvement; Worksite Analysis; Hazard Prevention and Control; and Safety and Health Training.

OSHA believes that its award program has many benefits:

- ☑ Increased employee motivation to work safely
- ☑ Better quality and productivity
- ☑ Reduced workers' compensation costs
- ☑ Recognition in the community
- ☑ A reduction in lost work days
- ☑ An improvement of programs that are already considered satisfactory

The award was presented on Feb. 26 in the WSTF's Rotunda, and is the first ever awarded in the state of New Mexico.

Dignitaries attending the event were complimentary and encouraging in their remarks. Stacy Nakamura, of JSC's Quality, Assurance, Reliability and Safety Office, told the WSTF audience, "To all my friends here at WSTF: Enjoy the moment. I salute you."

Out of more than 6 million worksites in the United States, only 719 have received the Star safety rating. It is even more impressive that WSTF should be awarded the Star, given the dangerous nature of the facility's work. WSTF supports the Space Shuttle with rocket engine testing, fuel handling, and materials and component testing.

However, obtaining the Star rating was not the main goal. WSTF NASA Manager Joseph Fries was more concerned with creating a genuine "safety culture," which he likened to a family in which everyone cares about each other's safety and health.

"I wanted the safety culture to be in place before we applied for the Star," Fries said. "I was concerned about employees' safety more so than I was about receiving a Star rating."

Throughout the implementation period of the safety culture at WSTF, Fries continued to speak out on employees' safety and health as being more important than obtaining the Star certification.

After having received the Star, Fries called the certification "a milestone in improving our Safety and Health Program."

Rod Drake, OSHA auditor, said at the audit, "When management and employees get together, it equals culture change."

Drake also that he was "really amazed at the progress when more employees are put into the system. You have a good group of people here – a VPP family."

To achieve this attitude at WSTF, Fries established the Keystone Committee, a safety-awareness committee, to oversee the implementation of the safety culture at WSTF. Past and present members of the Keystone Committee are: Danny Aranda, John Bernal, Radel Bunker-Farrar, Denzil Burnam, Robert Cort, Charlie Collins, Eric Crespino, Marc Dunford, Raul Estrada, Holger Fischer, Sean Gates, Pete Garcia, Everett Havenor, John Kelley, Jose Lopez, Victor Meza, Jesse Wells, John Bernal, Bob Kowalski, Jim Wing, Victor Maese, Melanie Galt, Cheerie Patneau, Jill Rollings, K. C. Schlotterbeck, Case Van Dyke, Richard Von Wolff and Larry Wiedmaier.

Holger Fischer, committee chair, said: "During the past three years, the Keystone Committee operated on the principle that we were badgeless during the meetings."

Fischer added, "Only the safety and health of our employees mattered, not whether we were civil service or contractor, salaried or hourly. We worked as a team."

Mark Leifeste, WSTF HTSI Program Manager, agreed with Fischer.

"The VPP flag has given us a new slant on our identity. Our site has always had a reputation for being very responsive through our capabilities, a reputation that few places can match," he said.

"What we have now is objective evidence that we can perform hazardous jobs and do them safely. We are proving to a critical eye that we can break down the stereotypical ideals between management and employees and work together in the best interest of the site."

Sarah Hearrell, OSHA audit team leader, identified characteristics that OSHA looks for in Star-quality facilities. "Basically, we look for employee empowerment," she said. "We want to see employees taking possession of their own health and safety."

Hearrell, who has worked on both sides of the industry as an enforcer of OSHA regulations and now as an auditor, complimented WSTF as a great place to work with its "unique approach to the work force industry in helping the government with its space program."

Robert Baker, former WSTF HTSI Program Manager, was proud of the test facility receiving the Star certification.

"It's an outstanding accomplishment," he said. "I think the future holds room for improvement. If we continue to enhance and improve the safety culture, then I think there is the achievable possibility of zero accidents and injury."

Fries said he was proud of the way WSTF accomplished this goal but, like Baker, he hopes for even more safety success in the future.

"We must continue to focus on improving our safety program," he said. "Now that the attainment of the flag can no longer be considered the measure of our success, we must establish new methods for measuring success."

Fries identified communication as a possible future focus for WSTF, calling it "the mechanism that will thrust us forward toward a safer and healthier workplace in the future." ♦



# Stellar Awards: Excellence shining through

The Rotary National Award for Space Achievement Foundation honored several government and industry employees at a black-tie event on March 8.

The Space Center Rotary Club established the Stellar Awards in 1985. The awards recognize individuals who have made outstanding achievements in space, creating a greater public awareness of the benefits of space exploration.

Three JSC individuals and two JSC teams were honored:

**Timothy J. Woeste**  
JSC Engineering Directorate



NASA JSC 2002e09042

Recognized for his outstanding leadership of two critical Shuttle flight tests of the International Space Station (ISS) Space Integrated GPS/Inertial Navigation System (SIGI) Orbital Attitude Readiness Experiment and effective management of the ISS SIGI program.

**Gerald J. LeBeau**  
JSC Engineering Directorate



NASA JSC 2002e09046

Recognized for his innovative development of the Direct Simulation Monte-Carlo Analysis Code, recognized as NASA's state-of-the-art computational tool for low-density flow field simulations.

**Paula M. Bilstein**  
TechTrans International



NASA JSC 2002e09040

Recognized for her dedication to excellence in teaching and a commitment to the vision of international cooperation in space. She demonstrated that commitment during management of the JSC Language Training Program for ISS and Shuttle crews, and implementation of unified training programs between NASA-JSC and the Russian Space Agency.

**Robonaut Development Team**

Recognized for application of state-of-the-art concepts for the development of Robonaut, whose humanoid robot upper torso represents multiple technological advances and opens a wide range of possibilities for augmenting human support of space vehicles, such as the ISS.

**Window Observation Research Facility and Science Window Team**  
Aerospace Corporation

Recognized for a dramatically improved view of Earth from the ISS, made possible with the Destiny Module Nadir Science Window and Window Observational Research Facility, providing world class Earth science with high quality views of 85 percent of the globe.

## Also receiving Stellar Awards were:

- ❖ **Harold C. Croop**, Air Force Research Laboratory
- ❖ **Capt. John W. Wagner**, USAF Space Warfare Center
- ❖ **Lt. Gen. Brian A. Arnold**, United States Air Force
- ❖ **David A. Weber**, United Space Alliance
- ❖ **Paul E. Adamek**, United Space Alliance
- ❖ **Ali R. Dianaty**, Boeing Rocketdyne
- ❖ **Richard D. Baily**, Boeing Rocketdyne
- ❖ **Dr. Benton C. Clark**, Lockheed Martin Astronautics Operations
- ❖ **Dave A. Thayer**, American Pacific Corporation
- ❖ **Expendable Launch Vehicle Project Management Team**, Kennedy Space Center
- ❖ **RS-68 Development Team**, Boeing Rocketdyne
- ❖ **Reusable Solid Rocket Motor Nozzle-to-Case J-leg Team**, ATK Thiokol Propulsion Corp.

## Space pioneer honored

Dr. George Mueller, Chief Executive Office of Kistler Aerospace Corporation, was awarded the coveted National Space Trophy award.

He joined Kistler in April 1995, continuing a career in space, science, engineering and corporate leadership.

From 1963 to 1969, Dr. Mueller led the program that put Americans on the moon.

As head of the Apollo Manned Space Flight Program for NASA during that period, Dr. Mueller was responsible for the Gemini, Apollo and

Saturn programs. In this role, Kennedy, Johnson and Marshall Space Flight Centers reported to him.

He was the originator of Skylab, the world's first space station, and is acknowledged to be the "Father of the Space Shuttle." He is the author of "An Integrated Program of Space Utilization and Exploration," which has been the guiding document for NASA following the Apollo program.

After leaving NASA, Dr. Mueller became Senior Vice President of General Dynamics Corporation from 1969 through 1971, and then Chairman and President of System Development Corporation from 1971 through 1983. From 1983 until joining Kistler, he was President of Jojoba Propagation Laboratories, and Chairman of Desert King Jojoba Corporation.

He is the recipient of many prestigious awards, including the National Medal of Science and three NASA Distinguished Service Medals.



NASA JSC 2002e09073

**Dr. George Mueller, known as the 'Father of the Space Shuttle,' is presented the prestigious National Space Trophy by former JSC Director Chris Kraft.**

## Journalist recognized

Journalist Miles O'Brien was presented the **Space Communicator/Media Award**. O'Brien is a news anchor for CNN/U.S. and the space correspondent for the CNN News Group. As the space correspondent for the CNN News Group, O'Brien contributes regular reports to Next@CNN, a one-hour weekly magazine-format program covering science, technology, space, aviation and environmental current events. Additionally, he has covered such stories as John Glenn's return to space on Oct. 29, 1998, during which he shared the anchor desk with broadcast news pioneer Walter Cronkite. An instrument-rated pilot with several hundred hours of flight time in a dozen types of aircraft, O'Brien covers all aspects of manned space flight, as well as unmanned scientific missions.



NASA JSC 2002e09036

Photos by James Blair

# Profiles

## Asian-Pacific Month

### Gail Horiuchi

**Time at JSC:**

20 years

**Organization:**

Space Shuttle Program

**Position Title:**

Technical Assistant

**Education:**

MS, Materials  
Science Engineering

**Place of birth:**

Osaka, Japan

**Hobbies:**

Antiques, crafts and travel

**What does Asian Pacific American Month mean to you?**

To be perfectly honest, I don't do anything special; I think we should all do our best all the time.

**Favorite words of wisdom:**

This comes from my upbringing, but I always come back to it: "Respect your elders." There is a wealth of knowledge from others' experiences.



NASA JSC 2002e14056

### Hanh Nguyen-xuan

**Time at JSC:**

18 years

**Organization:**

Mission Integration and Operations Program Office

**Position title:**

Operations Integration Manager

**Education:**

Mechanical Engineering, minor in Electrical Engineering

**Place of birth:**

Vietnam

**Hobbies:**

Reading, flying and swimming

**What does Asian Pacific American Month mean to you?**

Recognition of the Asian-Pacific Americans for their dedication and contributions to U.S history and the National Space Program.

Also promoting the overall awareness of Asian culture in the International Space Program.

**Favorite words of wisdom:**

Everyone has an invisible sign hanging from his neck saying, "Make me feel important."



NASA JSC 2002e14057

### Charlene E. Miagawa Gilbert

**Time at JSC:**

15 years

**Organization:**

Technology Transfer & Commercialization Office

**Position title:**

Director

**Education:**

M.S. Physical Science/Space Science, University of Houston Clear Lake

B.S. Math/Statistics, Northern Michigan University

**Place of birth:**

Chicago, Ill.

**Hobbies:**

Travel, sailing, windsurfing and bicycling

**What does Asian Pacific American Month mean to you?**

I see it as a time to remember my responsibility to be a role model for other Asian Americans.

**Favorite words of wisdom:**

Failure is not an option.



NASA JSC 2002e14058

### Stephen Chan

**Time at JSC:**

12 years

**Organization:**

Shuttle Business  
Management Office,  
Flight Ops Team

**Position Title:**

Program Analyst

**Education:**

B.S. in Finance

**Place of birth:**

Tainan, Taiwan

**Hobbies:**

Woodworking and cooking

**What does Asian Pacific American Month mean to you?**

It is a celebration of different cultures.

**Favorite words of wisdom:**

Always tell the truth.



NASA JSC 2002e14055

### Simon Hsu

**Time at JSC:**

14 years

**Organization:**

International Space Station Resources Management Office

**Position title:**

Resources Management Analyst

**Education:**

M.S. in Industrial Engineering

**Place of birth:**

Taiwan

**Hobbies:**

Reading, singing, surfing the Internet  
and playing basketball

**What does Asian Pacific American Month mean to you?**

It recognizes the culture diversity of JSC people. We respect the culture differences and work together toward the common goals.

**Favorite words of wisdom:**

Treat others like you would want to be treated.



NASA JSC 2002e14059

Photos by Bill Stafford

## Applications being accepted for the NASA Fellowship Program; deadline is June 10

NASA Fellowship is an Agencywide development program sponsored by Headquarters. It seeks to align employee development with NASA's vision and mission.

This program plays a key role in ensuring that NASA's workforce is ready and able to lead the world in space exploration, scientific discovery, technology development and managerial excellence by sponsoring employees' participation in various programs offered by universities such as Harvard, Carnegie-Mellon and Simmons.

Each year, participants are selected from across the Agency on a competitive basis. The programs are targeted primarily for employees at the GS-13 to SES levels.

If you are interested in being nominated for any of these programs, your first step is to talk to your supervisor.

Applications should be submitted to your directorate/program office. Offices will forward them to the Human Resources Development Branch (AH3) by June 10, 2002. The Center's NASA Fellowship Panel will choose JSC nominees and final selections will be made at NASA Headquarters. In selecting candidates, Headquarters and JSC consider the following criteria:

- ❖ Pattern of significant recognition/accomplishments
- ❖ Education and development record
- ❖ Demonstrated potential

- ❖ Purpose for participating in the program
- ❖ Plan for using knowledge gained in support of Center goals

Final selections will be based on the needs of the Center and the match of individual needs with the program objectives.

For program descriptions and to apply, visit <http://hro.jsc.nasa.gov/training/dev/nasafellow.htm> For further information on the NASA Fellowship Program, please contact Stacey Medina-Decker (x41069) or Diane Kutchinski (x46490) in the Human Resource Development Branch.

## SPACE CENTER Roundup

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