



## KRIS Center Offers Synergistic Approach to Resources

NASA Glenn celebrated the grand opening of its new Knowledge Resources and Information Services (KRIS) Center with an open house on March 24. KRIS brings together knowledge-based resources—Glenn Science and Engineering Library, Records Management and Archives, The Learning Center and Forms Design—into one convenient location in Building 142.

Associate Director Vernon "Bill" Wessel kicked off the celebration with a ribbon-cutting ceremony, followed by tours, demonstrations and displays highlighting services under the KRIS umbrella.

"Prior to the creation of the KRIS Center, these services were located in various

buildings and floors throughout the Glenn campus," explained Anne Power, Records Manager and History Officer. "Positioning them in close proximity to one another enables a more synergistic approach to helping our customers."

The creation of KRIS will also enable offices to improve their practices to better reflect their services. The Glenn Science and Engineering Library, for example, has changed its name from the Technical



Photo by Bridget Caswell

C-2009-927

*Library Supervisor Don Reams, right, conducts a tour for, left to right, Barbara Cross, Kathy Corrigan (far back), Renae Chaney and Amy Hiltabiedel during the KRIS open house.*

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### Secure and Easy

## Badge Logon is Coming

PC users will soon be benefitting from increased security by logging onto their computers using a smartcard, a.k.a. badge. The Smartcard Logon Project is part of the Homeland Security Presidential Directive 12 (HSPD-12) initiative. Here is some basic information on how badge logon will work.

### **What's involved?**

ODIN will deploy the badge logon software to PC desktop computers in June. Users will receive notifications of the deployment and about connecting their USB card readers or on locating integrated readers that may already be present in their computers. Mac users will gain badge logon access later this year (anticipated).

### **Logging on**

Users will insert their badge into the card reader and then enter their badge PIN to logon. The PIN is the 6 to 8-digit number employees entered when they were issued their badge. A process will be established for employees to reset the PIN if they have forgotten it. After logon, users can remove the badge from the reader and place it back into their badge holder. The computer will remain on with applications running.

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**PLUS...Earth Week Activities, Events, Retirements, Obituaries and more**

## New Employees Will Enrich Our Workforce

The driving force behind every successful organization is a workforce that has the skills to get the job done. NASA Glenn is no exception. As we have moved our portfolio of center assignments toward more developmental work, our workforce has transitioned as well.

Center leaders have used a variety of tools to reshape our workforce. We've recruited and/or reassigned new senior managers, conducted retraining programs such as



Center Director  
Dr. Whitlow

the Space Mission Excellence Program, reassigned employees to areas where their expertise would be most valued and provided buyout opportunities for those who possessed skills for which there was an excess.

With a more stabilized portfolio of work assignments, we now can assess our workforce and identify those skills that we need to acquire to deliver on our commitments. This has opened up

opportunities to hire personnel from outside the center in key areas. This will be a mixture of people who are funded directly by programs and those who support the institution.

In addition to the necessary skills, it is expected that these new hires will also offer fresh ideas and new ways of achieving objectives. Thus, we need to ensure that a significant number of these new employees have earned their degrees within the past 3 years. Meanwhile, they can rely on our current staff, especially our most seasoned experts, to nurture and guide them in helping us to reach our mission goals and helping them to reach personal career goals.

These new additions to our workforce will further ensure Glenn's demonstrated ability to take on new challenges and meet our customers' needs.

## KRIS Offers Convenience, Service

Continued from page 1

Library. The new facility offers study carrels for quiet, private space for research while comfortable seating and tables encourage opportunities for information exchange in a group setting.

"Our goal is to fulfill the unique informational and research needs of the Glenn scientific, technical and management community," said Chief Librarian Susan Oberc. "We're doing that by not only offering traditional resources but also digitally through electronic resources that allow patrons access from their own desktop computers via the library homepage at <http://techlib.grc.nasa.gov/index.cfm>. We provide reference service and partner with research organizations to meet the demands."

With a significant portion of The Learning Center's (LC) training provided externally, the new facility addresses the needs of today's learner, according to LC Supervisor Annette Rostetter.

"In addition to providing learning material through loan or the Internet, we also have study carrels that can be utilized individually or as a small computer

classroom, complete with a lectern," said Rostetter. "We have also maintained an Auxiliary Learning Center to accommodate groups of up to four with privacy and audio visual equipment." CD-ROM and DVD and VHS-based learning are available.

Power said the new location brings both sides of the Records Management and Archives Office closer with the goal of helping employees understand the significance of preserving "legacy." Aided by Records Management, employees learn how to keep their records complete, organized, streamlined and efficient for current and future use. Meanwhile, the Archives area helps employees learn how Glenn researchers and test facilities turn science fiction into science fact,



Photo by Bridget Caswell

C-2006-912

Associate Director Wessel cuts the ribbon to the new KRIS Center, while Center Operations Acting Director Robyn Gordon, left, Facilities and Test Director Dr. Rickey Shyne, right, and Logistics and Technical Information Division Chief Mary Lester look on.

and how past research can help their current endeavors.

Representatives from the KRIS Center encourage employees to stop by to find out more about their services. Information on the Library, Records Management and Archives and LC is available online through Glenn's Intranet.

—BY DOREEN B. ZUDELL

# Glenn's IT Efforts Recognized

The Northeast Ohio Software Association (NEOSA) recently recognized NASA Glenn's Chief Information Officer (CIO) and members of his Information Technology (IT) team with two prestigious awards.

Glenn CIO Dr. Sasi Pillay received the Nonprofit CIO of the Year award during NEOSA's CIO Symposium in November. Pillay was recognized for his leadership in the innovative and cost-effective deployment of standardized computers and infrastructure at Glenn, and for establishing an IT Standards Group for the agency. In addition, he was cited for centerwide management of high performance computing and visualization facilities, as well as application support of NASA programs such as the Numerical Propulsion Systems Simulation.

Glenn's IT team received the Nonprofit IT Team of the Year, for their support to the CIO in meeting center goals.



C-2006-472



Photos by Marvin Smith

C-2006-471

*Above: Center Director Dr. Whitlow, center, congratulates IT management team members, left to right: Mary Salvo (SGT), Don Sosoka, Dr. Pillay, Rick Stalnaker; (DB Consulting); Susan Silver (SGT); William Naiman, Linda Yavoich and Debbie Seichko (LMIT). Not pictured: Dr. Janeal Oprea. Left: Dr. Pillay receives CIO award with Dr. Whitlow.*

NEOSA is an organization of more than 800 member companies from all facets of IT that promotes the advancement of the Technology Community and IT Industry of Northeast Ohio.

—BY S. JENISE VERIS

# Badge Logon: Safe and Easy

Continued from page 1

The computer will function normally with screen lock/screen saver occurring after 15 minutes of inactivity. Reinserting the badge into the reader will prompt users for their PIN and back to their active session and running applications.

### Forgot Your Badge?

Initially, badge logon-enabled computers will be configured for "mixed-mode" logon. This allows either their existing username/password or badge logon. So if a user forgets his or her badge, he or she can still access the computer. Since badge logon is a new concept for the majority of users, mixed-mode logon allows for a more gradual change. Users will be encouraged to "practice" using badge logon in order for it to become a natural part of their day. This will facilitate a smoother transition to badge logon only configuration in the future. Badge logon works for PC users with multiple workstations, or working on their laptops from off-line remote locations (i.e., when on travel).

Need to work from home? Logon from home (Remote Desktop) continues to work using your username/password.

The HSPD-12 Implementation Team will be providing more information about badge logon in the coming weeks, including a video, user guide and answers to frequently asked questions. For further information, contact Glenn's HSPD-12 Implementation Manager Les Farkas, 3-5235.

—BY DOREEN B. ZUDELL



Photo by S. Jenise Veris

*Ron Coulter, DB Consulting, Inc./Office of Strategic Management, is part of a test group that has been successfully using their badge to logon.*

# Looking Back: The Mercury 7



The first national manned space flight project, later named Project Mercury, was formed on Oct. 7, 1958. It spanned nearly 5 years, with six manned missions making history between May 1961 and May 1963. NASA introduced the Project Mercury astronauts to the world on April 9, 1959, only 6 months after the agency was established. Known as the Mercury 7 or Original 7, they are: front row, left to right, Walter H. "Wally" Schirra Jr., Donald K. "Deke" Slayton, John H. Glenn Jr. and Scott Carpenter; back row, Alan B. Shepard Jr., Virgil I. "Gus" Grissom and L. Gordon Cooper.

## STS-126 Crew Stress Preparedness

Members of the STS-126 crew attest that from the time individuals become astronauts to the time they launch, astronauts are in training—whether in a flight simulator, learning new technology or maintaining physical fitness. During a mission briefing to Glenn employees on March 4, STS-126 Commander Chris Ferguson, Pilot Eric Boe and Mission Specialists Heidemarie Stefanyshyn-Piper and Donald Pettit, all pictured, spoke to the value of their training and how it helps them arrive at the right decision, almost intuitively, when faced with anomaly during a mission. Their Glenn visit also included conversations with the local media, a luncheon with employees and facility tours.



Photo by Marvin Smith

C-2009-938



## Dr. Lei Panelist for SWE Regional

Director of Glenn's Research and Technology Directorate Dr. Jih-Fen Lei participated as a guest speaker at the 2009 Region G Conference for the Society of Women Engineers (SWE) at the University of Akron last month. She served on a panel of professional engineers who addressed 150 collegiate and professional engineers on the conference's theme of how they have become women who have "Shattered the Sky's Limit." Lei spoke about how science and engineering had impacted her career plans, what she has contributed to various research fields and her career path at NASA. Pictured with Lei (far, left) are Helen Patricia, Kennemetal Inc., and Beth Posey-Leonhard, Evergreen Solar. (Article courtesy of Karin Bodnar.)



## CIR Up and Running

The Combustion Integrated Rack (CIR) and the Multi-user Droplet Combustion Apparatus (MDCA) were launched on Nov. 14, 2008 to the International Space Station on STS-126. The CIR was installed by the space shuttle crew into its permanent location in the US Lab (Destiny). Assembly of CIR was completed by the station crew and has been successfully activated and system-tested with commanding initiated at Glenn's Telescience Support Center. MDCA calibrations have been successfully completed including the first deployment and burn of a fuel droplet. Pictured is Astronaut Mike Fincke completing installation of the CIR/MDCA insert prior to CIR activation in Jan. 2009.

## O-H-I-O Meets N-A-S-A

Approximately 40 of Glenn's 100 Ohio State University alumni gave President Dr. Gordon Gee a warm "O-H-I-O" welcome when he visited Lewis Field on March 5. After speaking with the alumni, Gee and his Executive Vice President of Research Dr. Carol Whitacre, Senior Vice President Dr. Peter Weiler and Senior Vice President Dr. Tom Katzenmeyer met with Glenn leaders and toured various parts of the center. Pictured are Glenn OSU alumni in the O-H-I-O formation with Gee, second from left, who is leading the "H" row.



Photo by Marvin Smith

C-2009-507

***Women's History Month***

**Speaker Inspires Others to Nontraditional Roles**

Lieutenant Colonel Julie Blike, U.S. Army and Ohio Army National Guard, provided the keynote address for Glenn's Women's History Month Observance, March 4. Blike, who serves as the executive officer for the Joint Staff/Joint Force Headquarters-Ohio, has responded to earthquakes, floods, riots, hurricanes Katrina and Rita, and served active duty in Iraq over her 27-year career in the Army Medical Service Corps. She shared highlights of those memorable experiences and of the women she considers heroes, who dare make inspiring strides in areas that society considers "nontraditional roles" for women. The Office of Equal Opportunity Programs and the Women's Advisory Group cosponsored the event.

The annual Glenn Federal Women's Program Awards was part of the festivities highlighting women whose examples of leadership and outreach are taking the lead in the effort to protect our planet.



Photos by Marvin Smith

C-2009-898

*Lieutenant Colonel Blike shared examples of heroic effort that brought about important legislation.*

Robyn Gordon, acting director of the Center Operations Directorate, and Lori Manthey, Executive Officer to the Director, received the coveted 2009 Federal Women's Award recognizing a supervisor and nonsupervisor's significant contributions and mentorship to inspire and advance women. Center Director Dr. Woodrow Whitlow Jr. joined Jessica Roberts, Office of Protective Services, in presenting the awards during Glenn's Women's History Month celebration.



C-2009-900



C-2009-901

*Center Director Dr. Whitlow presented the supervisory award to Gordon, far left, and the non-supervisor award to Manthey at the Federal Women's Program.*

Barbara Kakiris, ANLX/Projects Liaison and Integration Office, nominated Gordon for her strong leadership skills and professionalism as a member of Glenn's senior staff. Gordon was cited for her initiative and support of staff development to meet center goals, and for personal advocacy of women and minority advancement in NASA.

Whitlow nominated Manthey for performing all assignments with equal vigor and excellence, and for sharing her knowledge and enthusiasm for NASA by mentoring and speaking to various center groups, professional and private women's organizations and students, locally and across the state.

—BY S. JENISE VERIS



**Earth Week 2009 Events**

Glenn's Earth Day Committee is sponsoring a variety of activities to enhance the awareness of Glenn employees and the general public about the center's green initiatives, and what they can do to live, drive and work sustainably.

**Center Events**

**April 14** —Displays, 11 a.m. to 1 p.m. Plum Brook Station (PBS): Engineering Bldg. 7741 and Cafeteria

**April 15 & 16**—Displays 11 a.m. to 1:30 p.m. Lewis Field, Bldg. 15, Main Cafeteria and small parking lot (north

side of Bldg. 15). Green vehicles to test drive, April 15, and live animals, April 16 (see below).

**April 16** —LLF Daycare coming to Bldg. 15, Main Cafeteria, 11:30 a.m. to 1:30 p.m. Lake Erie Nature & Science Center - Reptiles and Owls (barn & screech), Petting animals (chinchillas and skunks) on display. Plus "Bug City."

**April 17**—Lewis Field, Garlic Mustard Pull, Duct Bank Road, 12 to 1:30 p.m. Meet at B302 parking lot. POC: Teresa Martin 3-8293

**April 23**—Adopt-A-Highway Activity. POC: Rich Kalynchuk 3-3724

**May 20**—Bike to Work, POC: Wai Wan 3-5599 (in conjunction with the Fitness Center Health Fair); GO-BIKE Cyclists, POC: Fred Oswald 3- 3957

**Public Events**

**April 11**—Cleveland Museum of Natural History, 9 a.m. to 4 p.m. Invasive species pull and canoe trip, 216-231-4600, Ext. 3214

**April 19**—Glenn Displays at Earth Day Coalition's 2009 EARTHfest, Cleveland Metroparks Zoo, 10 a.m. to 5 p.m.

**May 9**—Cuyahoga River Riversweep cleanups: <http://www/ohiocanal.org/riversweep.htm>

**May 16**—River Day events: <http://www.cuyahogariver.net/riverday.htm>. Visit: <http://earthday.grc.nasa.gov>

## People



Seven Glenn employees were selected as Space Flight Awareness (SFA) honorees and invited to attend STS-119 launch festivities at NASA Kennedy Space Center as reward for their contributions to NASA's Human Space Flight Programs. The STS-119/Discovery mission duration was March 15 to March 28.

The SFA Award, coordinated by NASA Johnson's Office of Space Flight, is one of the most prestigious awards available to employees of NASA, industry, space shuttle and International Space Station teams. The following Glenn employees' contributions were recognized:

**David Carek**, Systems Engineering & Analysis Division, for dedicated support as Glenn's Lead Systems Engineer of the Extravehicular Activity (EVA) Power, Avionics and Software team, and for requirements definition and early exposure of Constellation Program software risks.

**Trudy Kortez**, Service Module Project Office, for leadership in the vehicle development process and in critical areas supporting the fundamental elements of safe and successful spaceflight as the Project Orion Service Module Test and Verification manager.

**Sharon Miller** and NASA retiree **Bruce Banks**, Alhport/Space Processes and Experiments Division, for predicting the durability of the multilayer insulation blanket on the Hubble Space Telescope (HST). They used a combination of advanced space flight- and ground-based testing and analysis to reduce physical risk to astronauts as well as significant costs by eliminating a difficult EVA from a HST servicing mission.

**Monica Palivoda** and **Lynne Wiersma**, executive support assistants for the Space Flight Systems Directorate, for commitment, enthusiasm and excellence in managing the Space Flight Awareness Program at NASA Glenn.

**George Saad**, Avionics & Electrical Systems Division, for outstanding technical leadership as Glenn's Manufacturing Inspection Lead for the Test and Verification Team. Saad worked closely with Glenn and industry engineers developing a thorough Non-Destructive Evaluation (NDE) verification program and authored work instructions for performing NDE inspections to guide the Ares I-X Upper Stage Simulator Integrated Process Team.

*Pictured: The STS-119 mission logo features the International Space Station with its fourth and final set of solar array wings adding enough power-generating capacity to double the electricity available for station's science operations. In partnership with NASA Johnson Space Center, Glenn engineers oversaw the design and manufacture of the power system.*



Robinson

*US Black Engineer & Information Technology* magazine honored Glenn's Safety and Mission Assurance Directorate Deputy Director **Frank Robinson Jr.** with the 2009 Black Engineer of the Year Award (BEYA) in Professional Achievement. The prestigious award was presented at the 23<sup>rd</sup> Annual BEYA Gala during the STEM Global Competitiveness Conference in Baltimore, Feb. 21. The award recognizes Robinson's significant achievement and contributions in engineering and technology that spans a 25-year career in Government. It also acknowledges his leadership and commitment as a role model for minorities in technical fields and in the community.

NASA Glenn's Safety Office recognized **Chris Logan**, a Call Henry Inc. (CHI) employee supporting the Facilities Division, with an Individual Safety Award for his dedication to the safety of center employees and contributions in identifying and reporting significant electrical safety issues. Logan discovered a disconnect switch that contained an improperly sized non-commercial fuse slug that contributed to loss of contact, overheating and arcing within the switch. His prompt action in reporting the problem led to a centerwide assessment and evaluation of disconnect switches installed in a similar manner at other locations within the center. The award included a plaque and NASA patch flown on shuttle mission STS-124.



Photo by Marvin Smith C-2009-4371  
Left to right: Deputy Center Director Ray Lugo, CHI Program Manager Richard Olinek, Logan and Safety and Mission Assurance Director Tom Hartline.

The Society for History in Federal Government has awarded **Robert Arrighi**, a WYLE employee supporting the History Office, Logistics and Technical Information Division, with the John Wesley Powell Prize. This award recognizes Arrighi's outstanding work on an interactive history of NASA Glenn's Altitude Wind Tunnel (AWT). Gary Nolan, a WYLE employee in the Imaging Technology Center, provided technical support. The multimedia piece is part of a larger effort to document the AWT before its demolition. The prize recognizes achievement in historic display including museum exhibits, historical films, CDs, web sites or multimedia displays. John Wesley



Arrighi

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## People

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Powell was the second director of the U.S. Geological Survey and a noted explorer. To view the interactive history, visit <http://awt.grc.nasa.gov>.



Button

**Robert Button** has been selected chief of the Diagnostic and Data Systems Branch, Avionics and Electrical Systems Division. Button previously served as Power Subsystem Manager

for Altair, the Constellation Program's lunar lander for astronauts. He led a multicenter team to complete three design analysis cycles for the vehicle. He has also served as the Technology Product Area Manager in NASA's Energetics Program where he led development of revolutionary modular and intelligent power system technologies.

## Retirements

**Paivi Tripp**, Procurement Division, retired on April 3, 2009, with 18 1/2 years of NASA service.

*AeroSpace Frontiers* is an official publication of Glenn Research Center, National Aeronautics and Space Administration. It is published the second Friday of each month by the Community and Media Relations Office in the interest of the Glenn workforce, retirees, government officials, business leaders and the general public. Circulation: 6,000.

Editor.....Doreen B. Zudell  
SGT, Inc.  
Assistant Editor.....S. Jenise Veris  
SGT, Inc.  
Managing Editor.....Kelly R. DiFrancesco

DEADLINES: News items and brief announcements for publication in the May issue is noon, April 17. Larger articles require at least 1 month notice. Submit contributions to the editor via e-mail, [doreen.b.zudell@nasa.gov](mailto:doreen.b.zudell@nasa.gov), fax 216-433-8143, phone 216-433-5317 or 216-433-2888, or MS 3-11. Ideas for news stories are welcome but will be published as space allows.



## In Memory



Moffitt

**Monetta E. Moffitt**, 60, who retired in 2005 with 21 years of NASA service, died March 15, 2009. Prior to retiring, Moffitt served as a secretary in the Systems Analysis Division. During her career, Moffitt earned a NASA Group Achievement Honor Award and several Special

Act/Service Awards. Friends will recall her laughter and generous nature.

**Norbert J. Dunn**, 81, who retired in 1987 with 38 years of federal service, including 33 years with NASA, died March 15, 2009. Dunn worked as an electronics technician in the Test Installations Division. He received Special Achievement Awards in 1976 and 1983. Prior to joining NASA, Dunn served 3 years in the U.S. Air Force.

## Calendar

**THIRD SATURDAY EVENT:** On Saturday, April 18, the Visitor Center is hosting "The Science of Baseball." Visitors will discover how rocket science and aerodynamics can be applied to baseball. Then, reflect on baseball history and hear how technology has improved the game. Contact the Visitor Center at 216-433-9653 or log on to <http://www.nasa.gov/centers/glenn/event/vcevent/html>.

**AFGE MEETING:** AFGE Local 2182 will hold its next monthly membership meeting on Wednesday, May 6 at 5 p.m. at Denny's Restaurant, 25912 Lorain Road, North Olmsted.

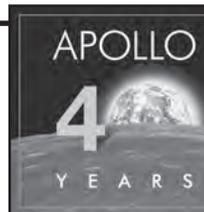
**AFGE/IFPTE MEETING:** Local 28 will hold its next monthly membership meeting on Wednesday, May 13 at noon in the Employee Center.

**WOMEN'S RETIREE LUNCHEON:** The next Retired NASA Women's Luncheon will be held on May 12 at the 100<sup>th</sup> Bomb Group on Brookpark Road at 12 noon. Reserve your place by calling Gerry Ziembra at 330-273-4850. The August luncheon is planned for Don's Pomeroy House.

**PBS FIFTH REUNION:** A Plum Brook Station (PBS) Fifth Reunion will be held on Saturday, Sept. 26, at the Engineering Building Cafeteria. All current and former employees of PBS, Glenn Research Center associates, support contractors and surviving spouses are invited. A luncheon and program on PBS activities are planned. To be added to the mailing list for Re-

union updates, contact Bill Brown at 3911 James Ave, Huron, OH 44839 or [huronbill@bex.net](mailto:huronbill@bex.net).

### WKYC Showcases NASA Glenn



As we near the 40th anniversary of the moon landing, WKYC Channel 3, in partnership with NASA Glenn, will present an hour long primetime special in HD, "To the Moon: Ohio's Journey."

The program will take a look back and celebrate the unique stories of the men and women of Ohio who pioneered the technology to send our bravest into space. Then take a look forward at what the next missions mean to our region.

The special includes interviews with Glenn employees, retirees, Ohio astronauts and NBC space correspondent Jay Barbree.

"To the Moon: Ohio's Journey" will air Monday, April 20 at 8 p.m.

## In Appreciation

I want to thank the people who have donated leave. There are many complications associated with quadriplegia. The donated leave is making coping easier.  
—Steve Culler

## QASAR Award Winners Selected

Members of the Director's Leadership Team (DLT) and guests joined Thomas Hartline, director of Safety and Mission Assurance, in applauding the contributions of Glenn's 2008 Quality and Safety Achievement Recognition (QASAR) Award winners at the Feb. 10 DLT meeting. Nicholas Varaljay, Angela Windau and Debra Lyden each earned this coveted award for their demonstrated commitment to safety.

The QASAR award recognizes NASA civil servant, other government, NASA prime or subcontractor individuals who have displayed or exhibited exemplary performance contributing to the quality and/or safety of products, services, processes, management programs and activities, or the working environment.

Varaljay, Space Power Propulsion, Communication & Instrumentation Branch, was recognized for outstanding contributions to safe and efficient processing and research operations conducted in the Communications Laboratory Clean Room. This facility is primarily used for leading-edge research in thin-film integrated circuit processing techniques for semiconductors and other components for space and wireless communication systems. Varaljay went beyond his normal duties to help upgrade and modify major systems, ensuring full compliance with safety guidelines and regulations.

Windau, Safety, Health and Environmental Division (not pictured) was recognized for outstanding and tireless support to the Ares I-X Upper Stage Stimulator (USS) project. Her dedication, technical expertise and teamwork were critical in the development and implementation of safety and occupational health processes for the manufacture, transport and assembly of the Ares I-X/USS, one of the first hardware elements delivered to the NASA Kennedy as part of the agency's Constellation Program.

National Aeronautics and Space Administration  
John H. Glenn Research Center at Lewis Field  
21000 Brookpark Road  
Cleveland, Ohio 44135



Photos by Marvin Smith C-2009-479

*Above, left to right: ZIN Program Manager Carlos Grodzinsky, Center Director Whitlow, Lyden and Hartline. Left, left to right: Facilities and Test Director Dr. Rickey Shyne, Deputy Chief of Space Power Propulsion, Communication & Instrumentation Branch Benjamin Rodriguez, Dr. Whitlow, Varaljay and Hartline.*



C-2009-478

Lyden, a ZIN Technologies employee supporting the USS and Human Research Project Office, was recognized for exceptional leadership in the area of Safety and Mission Assurance. Her dedication, communication skills and innovative approach to negotiations, assured the safety and delivery of hardware launched on five Glenn payloads: Coarsening in Solid-Liquid Mixtures, Binary Colloidal Alloy Test, Capillary Flow Experiment, Shear History Extensional Rheology Experiment and the Investigating the Structure of Paramagnetic Aggregates from Colloidal Emissions.

—BY S. JENISE VERIS