



IT Service Transformation Underway

What does I3P Entail?

The IT Infrastructure Integration Program, known as I3P, was established to transform the NASA information technology infrastructure from a center-based delivery model to an enterprise based and managed approach. Glenn's I3P Integration Team, under the direction of the Office of the Chief Information Officer, is working hard to make the transformation as smooth as possible, with a target date for full integration by early January 2012.

The scope of the I3P program is broad, entailing consolidation and central management of IT services in five main areas that will affect all center employees:

Enterprise Service Desk (ESD) at the NASA Shared Services Center (NSSC) will provide a central service desk, a service request center and a self-service Web site. It will be the main interface between Glenn employees and the I3P service providers. Glenn will continue to have a local help desk number that will be forwarded to the NSSC.

End User Services will be supported by the Agency Consolidated End User Services (ACES) contract. It will provide desktops, laptops, multifunction copiers/printers, smart phones, cell phones, pagers, e-mail, calendaring and office automation software.



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Plum Brook Station Goes Hollywood for Avengers Filming

Space Power Facility a Backdrop for Action Movie

The “testing in progress” light shone bright in NASA Glenn Research Center’s Space Power Facility (SPF) last month. But this project was different. From Aug. 8 through 12, the world’s largest space

environment simulation chamber transformed into a set for Marvel Studios’ “The Avengers” movie. Segments of the major motion picture were filmed in the SPF vacuum chamber and assembly high bay, as well as in an open field at Plum Brook Station.

Ron Mohr, deputy chief of Glenn Security, said the security force badged about 150 personnel per day. “We ensured everything from facilities to personnel were protected over a 3-week period, 24/7,” Mohr said. “Even Marvel superheroes need to be protected by security.”

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A week before filming, Plum Brook managers and Glenn’s Office of Protective Services’ staff and support personnel began ushering in 50 tractor-trailers packed with equipment for filming. By Aug. 8, more than 300 actors and crewmembers passed through the front gate.

Photo property of Marvel Entertainment, LLC

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Inclusion in the Workplace

This month I want to discuss a subject which is very important to me personally, and one I hope is important to you as well. Throughout my life and my career, I have found that I perform at my best, and find I am most satisfied with my life, when I can be myself. What I mean is that if I am suppressing my openness, guarded in both my actions and conversations, and am leery as opposed to trusting, then I am expending emotional energy and not giving all I can to the job at hand.

We all have to conform to certain norms in the workplace that might be different than what is accepted in a social setting. However, suppressing one's true behaviors at work is not what I am talking about here. To illustrate what I mean, I would like to share a personal story about inclusion.

In the fall of 2001, or a week after the 9/11 attack, I was in a Federal Executive

Institute (FEI) Program in Virginia. The FEI program is called Leadership for a Democratic Society and the class is divided into groups called Leadership Development Teams (LDT). Each team has about 12 people from different geographic locations and agencies.

The first night of the class there is a group session for each LDT. In the group session, each LDT member shares his or her "life story." One member of my LDT shared that he was gay and in a stable relationship with a life partner. I will share that his disclosure initially made me somewhat uncomfortable, and I made a decision to limit my interactions with him.

Over the course of the next week, I got to know this person much better.



Center Director Lugo

We happened to share a disdain for the food that was being served, so we would go out about once a week for wings and beer. Let me just say that we not only became friends, but we continued our meals away from the campus when the menu wasn't to our liking.

It dawned on me that I had prejudged a person based solely on his lifestyle choice and not based on the value of him as an individual. I made a promise to myself not to ever allow this to happen again.

My point is, we need to do a better job of accepting people for who they are and creating an environment where people feel comfortable being themselves. The last thing we want is for someone to expend energy that does not enhance accomplishing a task.

I found that if we accept people, as opposed to tolerating them for the differences they bring to the job, we can benefit from those differences and build a culture that is more inclusive and productive.

Glenn Managers Offer Career Advice

Student All Hands and Panel Discussion

NASA Glenn Research Center's senior managers know firsthand that choices made in regard to formal education and on-the-job training can greatly influence a career path.

During the Student All Hands Meeting and Panel Discussion on Aug. 12, six Glenn staff members talked about some of the choices they have made and opportunities they have pursued to get to where they are today.

Director of Glenn's Space Flight Systems Directorate Bryan Smith opened the forum by welcoming an audience of over 100, primarily co-ops and students from various NASA internships, and encouraging them to continue pursuing STEM-related careers. He asked the students to consider the type of lifestyle they want, their hobbies, and values they have when making career-related decisions. "What paths do you want to pursue?" he asked, "and how

do you take the hard work and make it useful?"

Panelists joining Smith included Director of Research and Technology Dr. Jih-Fen Lei, Director of the Aeronautics Research Office Dr. Marla Perez-Davis, Mechanical and Fluids Systems Division Chief Derrick Cheston, Office of Human Capital Management Division Chief Lori Pietravoia and Electrical Engineer in the Power Systems Development Branch Karin Bodnar.

After sharing highlights on their individual career experiences, panelists answered questions on a variety of topics, some of which related to fundamental research, community outreach and advanced education degrees.

—By Doreen B. Zudell



C-2010-3089

Panel members, left to right: Dr. Perez-Davis, Dr. Lei, Smith, Cheston, Bodnar and Pietravoia.



C-2010-3091

Photos by Bridget Caswell

Students asked panelists various questions.

Lyons Inducted Into Ohio Women's Hall of Fame

NASA Glenn's Power and In-Space Propulsion Division Chief, Dr. Valerie Lyons, was one of nine women inducted into the Ohio Women's Hall of Fame during a ceremony at the Ohio Statehouse, Aug. 25, in Columbus.

Lyons was inducted in the Science, category, for leadership in research and development of aerospace power

systems including batteries, fuel cells, solar cells, Stirling converters and power electronics. She was also cited for service and mentorship as founder and director of the Aerospace Science Summer Camp for children ages 10 through 15.

Lyons joins more than 400 trailblazing women whose creative and pioneering

spirit are an ongoing source of pride and inspiration for all Ohioans—especially its next generation of leaders. For more information on the 2011 inductees and the Ohio Women's Hall of Fame, visit <http://jfs.ohio.gov/women/>.



Lyons

Movie Filming at Space Power Facility

Continued from page 1

Rick Sorge, test program manager at Plum Brook, oversaw the production from the NASA side. Surge said filming was conducted through a Multimedia Agreement. "We treated the filming as we would any other outside agency that wishes to use the facility for testing," Surge explained. "The studio gave us their requirements and we did a cost estimate (including labor, material, time, etc.) to determine the details of a fully reimbursable agreement."

Part of the agreement required Plum Brook personnel to clean out all items in the chamber so that the facility could become a bare backdrop for the customers to come in and "dress it up" as they wanted. SPF Facility Manager Jerry Carek said about 20 Glenn civil servant and support service contractors were involved in the preparation. Some helped build smaller portions of the set when needed as well.

At a news conference with local media on Aug. 11, Jeremy Latcham, co-producer of the movie, said major cast members filming at Plum Brook included: Samuel L. Jackson (Nick Fury), Jeremy Renner (Clint Barton/Hawkeye), Tom Hiddleston (Loki), Cobie Smulders (Maria Hill) and Clark Gregg (Agent Phil Coulson).

While Latcham would not divulge details of the plot, he said in the movie the SPF would be typecast as a research facility. The interior of the SPF would be recognizable, and Plum Brook sequences would run for several minutes in the film. Latcham affirmed that Plum Brook played a vital role in bringing the movie to Ohio, where 20 to 25 percent of the movie is being filmed. On Aug. 12, the crew broke down the set and packed up to begin more filming in downtown Cleveland.



C-2007-1009

Photo by Michelle Murphy

As SPF Manager, Jerry Carek worked with some of the movie's crew and producers to ensure that the facility was meeting their needs while filming. A highlight, Carek said, was providing a tour of Plum Brook to actor Samuel Jackson.

"We've been involved with filming for documentaries at Plum Brook, but this is our first Hollywood movie," Carek said. "It was a great experience and positive exposure for Plum Brook."

—By Doreen B. Zudell

Pictured left: the SPF vacuum chamber and assembly high bay area.

I3P Details

Continued from page 1

Communications Services will be supported by the NASA Integrated Communications Services (NICS). NICS will provide Glenn the following services: center and agency networks and telephone and voicemail, communications cabling, video conferencing, Glenn LINK/GTV Video, radio system and communications upgrades.

Web Services will be supported by the Web Enterprises Services and Technologies (WEST) contract. The contract includes Web site hosting and Web content-management, integration, and search services.

Enterprise Applications Services will be supported by the Enterprise Applications Service Technologies (EAST) contract. This contract manages NASA's Financial, Human Capital, Logistics, Procurement and Access Credential, and Identity applications services. EAST also supports NASA's Enterprise Applications Competency Center (NEACC) in Madison, Alabama. Glenn Enterprise Application users will continue to request support via the NISC Tier-1 Help Desk at 1-866-427-4367 and will use the Remedy Service Request site at <https://arsweb.msfc.nasa.gov/ISRSuser.asp>.

AeroSpace Frontiers will provide more detailed information on the changes over the coming months. If you have any questions, please send them to grc-i3p-questions@lists.nasa.gov.



Minority STEM Forum



Photo by Tim Dedula

Nearly 400 5th through 12th grade students from nine states and Puerto Rico attended the Minority Student Education Forum, July 19 through 20, cosponsored by NASA's Education Office at Glenn Research Center and Kennedy Space Center. Each day the students participated in activities designed to stimulate their interest in scientific, technical, engineering or mathematics (STEM) careers. The event included panel discussions with some of NASA's most notable current and past senior managers; a tour of the NASA Glenn Visitor Center; astronaut briefings; a robot demonstration; and a variety of hands-on educational activities, all coordinated with the Great Lakes Science Center, the Cleveland Public Library and Cleveland State University. Pictured, left, is Charles Doxley, Flight Communications Branch, guiding students in a balloon staging activity.

Take Me to The Fair

NASA Glenn's exhibit area was located among fair-going favorite attractions at the Ohio State Fair from July 27 to Aug. 7. Glenn staff welcomed visitors to tour and enjoy the 30-foot inflatable shuttle, the 53-foot Journey to Tomorrow traveling exhibit featuring multiple hands-on educational activities, and a free souvenir photo at the "Picture Yourself in Space" photo booth.



Photo by Libby Hancock

HBCU-OMI Symposium



C-2011-2599

Photo by Quentin Schwinn

On July 26 and 27, NASA Glenn, the Ohio Aerospace Institute and the Ohio Space Grant Consortium hosted a joint 2011 "Annual Historically Black College and University (HBCU) and Other Minority Institution (OMI) Collaboration Symposium" at Cleveland State University and the Great Lakes Science Center. Sixty-five Glenn interns presented posters about their summer projects. The students and faculty also networked with colleagues from other institutions and attended a career fair for upcoming graduates hosted by NASA and four other companies. Pictured above: Paul Bartolotta, right, highlights Glenn's efforts on space shuttle's return to flight.

Glenn Steps Up to CFC Challenge

NASA Glenn kicks off its 2011 Combined Federal Campaign (CFC) on Tuesday, Sept. 20. This year's campaign theme is "Step Up."

"The CFC Committee at Glenn is confident that people will step up to the challenge of increasing participation this year. Through your generosity and participation, the goal of \$410,000 will be met," said CFC Chair Fred Holland.

Retirees and contractors may also contribute to the CFC by contacting Avis Mills at 216-433-8715.

Save These Dates!

CFC Campaign Blast Off

Sept. 20, 9:30 a.m., Ad. Bldg. Auditorium

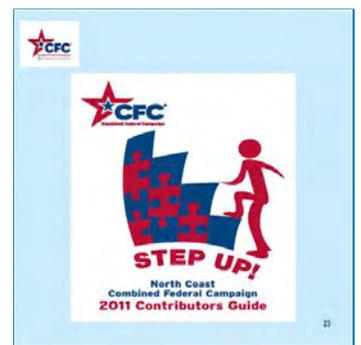
CFC Pacesetter Campaign

Sept. 20 to Oct. 7

CFC Block Party (Agency Fair, Car Show, and Ice Cream Social) Sept. 22, 11 a.m., Bldg. 15

Basket Raffle

Oct. 28, Cafeteria



2011 CFC Executive Team
Fred Holland—Chair
Anne Mills—Co-chair
Ashley Murry—Executive Assistant
Therese Griebel—Senior Advisor
Ronald McClanahan—Loaned Executive

Glenn Implements Electronic Health Records Systems

System Tracks and Manages Occupational Health

Employees of Glenn's Occupational Medicine Services (OMS) Clinic can look forward to spending less time on paperwork and more time on patient care thanks to the recent implementation of NASA's Electronic Health Records System (EHRS).

On Aug. 12, Glenn became the third NASA center to roll out the EHRS, which is supported by the Office of Chief Health and Medical Officer at NASA Headquarters. This effort addresses requirements by the Department of Health and Human Services to document all patient care electronically. Both the medical clinic and industrial hygiene employees went through training on the new system prior to rollout.

From Aug. 8 to 11, Glenn's OMS staff (Singleton Health Services employees) trained for conversion to a central data center using Medgate software. Medgate, a global leader in occupational health and safety software, provided the software in compliance with Occupational Safety and Health

Administration standards.

The new system will allow the medical staff to more easily track patients and reduce paperwork as compared to previous methods. It will ensure better monitoring of health care delivered to patients because the information is readily available for doctor's use. The Medgate software will allow OMS staff to monitor and trend patient care and outcomes.

Dr. Azhar Rafiq, director of Medical Informatics in the Office of Chief Health and Medical Officer at Headquarters, and a NASA Implementation Team from the Kennedy Space Center Agency



Photo by Eli Abumeri

Staff and trainers, pictured, left to right, front row: Nancy Eckhardt, Katie Blume, Joyce Rodusky, Nancy Zimlich and Winnie Wise; back row: Patty Gareau, Dr. Verba Moore, Dr. Azhar Rafiq, Helen Shoemaker, Ginny Markus, Dr. Carrrie Ross-Shelton, Patty Oleksiak and Sandy Groudle.

Occupational Health Support Office—Dr. Verba Moore, Helen Shoemaker and Nancy Eckhardt—were at Glenn to oversee the training and the transition.

“The rollout has been possible by the extensive commitment and efforts of Glenn's occupational health clinic staff,” Dr. Rafiq affirmed.

—By Doreen B. Zudell

Glenn Teams to Share Successful Business Practices

Lean Six Sigma Strategies

Thirteen area organizations have authorized a “show and tell” of their best business practices using Lean Six Sigma (LSS) strategies for the benefit of restoring economic vitality to Northeast Ohio.

NASA Glenn is a founding partner in the Northeast Ohio Lean Six Sigma Forum, established to foster a culture

of innovation and growth through member organizations committed to sharing resources and showcasing areas of operation improved by applying LSS business strategies. LSS is a business management strategy that helps companies determine their core processes and then focus on ways to improve process flow by identifying and eliminating waste.

are committing their LSS process improvement leaders to this partnership: Akron Children's Hospital, American Medical Response, CVS Caremark, Federal Reserve Bank, Gojo Industries, Goodyear, Kent State University, Key Bank, Rockwell Automation, Southwest General Health Center and the University of Akron.

The forum was initiated with guidance from NASA Glenn's Director of Center Operations Robyn Gordon and Chief of Staff Tom Eye to support the center's strategic objective to be an integral part of the Ohio community. Over the past 6 months, a five-member steering committee, primarily composed of LSS Master Black Belt certified process leaders, assembled to solidify the charter



Along with NASA Glenn, the following organizations

Steering Committee members met Aug. 4 at the 100th Bomb Group, left to right: Kluttz, Alan Luck, Key Bank; Kelli Baxter Kent State University; Kris Hilty, Federal Reserve Bank; and Doug Dulin, Akron Children's Hospital.

Photo by S. Jenise Veris

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Retirements



Bailer

Rick Bailer, Office of Human Capital Management, retired on Aug. 9, 2011, with 30 years of federal service, including 17 with NASA.



Soltis

James V. Soltis, Power Systems Development Branch, Avionics and Electrical Division, retired on Aug. 31, 2011, with 26 years of NASA service.

NEO Lean Six Sigma

Continued from page 5

and bring clarity to the vision guiding this community outreach initiative.

“We asked LSS Forum members what they want from this experience and discovered several specific items,” said Robert Kluttz, a Booz Allen Hamilton employee who supports Glenn's Office of Human Capital Management as the LSS process consultant and committee member. “Members want to connect with subject matter experts from other organizations, learn more about software solutions for project portfolio management, access the latest IT technologies and identify partnership opportunities.”

To date, the committee is facilitating the mission effectively and economically through LinkedIn postings and group discussions, emailing training templates and coordinating monthly site visits on a rotating basis to member institutions.

Interested in learning more about this initiative? Contact Robert Kluttz at 216-433-5064 or e-mail Robert.L.Kluttz@nasa.gov.

—By S. Jenise Veris

SFA Honorees Recognized at STS-135 Prelaunch Ceremony

Three Space Flight Awareness (SFA) award winners from NASA Glenn were among a select group invited to participate in festivities at NASA's Kennedy Space Center leading up to the launch of the STS-135 mission—NASA's historic finale to the Space Shuttle Program.

The SFA award honors the outstanding job performances and contributions by civil service and contract employees throughout the year focused on excellence in quality and safety supporting human space flight. Glenn honorees include:

Vicki J. Crable, Systems Verifications Operations Branch, for her sustained exceptional performance in the assembly, integration and test of the Communications, Navigation and Net-working re-Configurable Testbed (CoNNeCT) project in preparation for its launch to the International Space Station, and the Ares I-X Upper State Simulator.

Michael Heryak, IT Operations Office, for his vision and superior leadership in the modernization of the Glenn network infrastructure to support human space flight in collaboration with the Office of the Chief Information Officer at NASA Headquarters, which resulted in a cost avoidance of more than \$4 million.

Christopher C. Sheehan, ZIN/Space Operations Project Office, for outstanding contributions to the Human Research Program's efforts to improve the safety, quality and effectiveness of the crew exercise regime on the International Space Station, as well as for future space exploration missions. He was unable to attend the event at NASA Kennedy.

—By S. Jenise Veris



Lynn Cline, deputy associate administrator for Space Operations, and astronaut Ricky Arnold presented SFA certificates to Crable, above, and Heryak, below.



Photos by Christopher Lynch

Santosuosso, 2011 SELDP Graduate



Photo courtesy of NASA

Pictured, left to right: Marton Forkosh, SELDP advocate; Olga Gonzalez-Sanabria, director of Engineering; Santosuosso; and Michael Ryschkewitsch, NASA chief engineer, following the SELDP graduation ceremony at NASA Headquarters.

George Santosuosso, Avionics and Electrical Systems Division, graduated from the Systems Engineering Leadership Development Program (SELDP) in June. He is one of 20 systems engineers agencywide that completed this yearlong program that helps identify and accelerate the development of system engineers focusing on specific leadership behaviors and technical capabilities critical to success in NASA missions. As part of the program, Santosuosso served an assignment away from Glenn on the Lunar Atmosphere and Dust Environment project at NASA's Ames Research Center.



Calendar

IFPTE LOCAL 28, LESA MEETING: LESA will hold its next membership meeting on Wednesday, Sept. 14 at noon in the Employee Center's Small Dining Room.

POW/MIA OBSERVANCE: Glenn's Veterans Awareness Committee will hold its annual POW/MIA Day observance on Sept. 16 at 1 p.m. in the Administrative Building Auditorium. The program will feature Joe Hudson, a former POW from Operation Iraqi Freedom and the Lorain JROTC honor guard.

HISPANIC HERITAGE MONTH: The Hispanic Month Observance will be Friday, Sept. 23 from 10 a.m. to noon in the Administrative Building Auditorium. Come and enjoy guest speaker, WJW-Fox 8 TV meteorologist Angelica Campos, great food and music. POC: Azlin Biaggi-Labiosa, 216-433-5044.

TUTORS NEEDED: Tutors are needed for students in grades 1 through 8 in Cleveland at the following schools: Clark, Wade Park and Memorial in the areas of science, math, social studies and reading. This community outreach opportunity is encouraged by the Cleveland Federal Executive Board and is open only to civil service employees. Registration is open online through Sept. 23, via the following URL: http://evt.grc.nasa.gov/cle_feb/home/registration/. POC: Giovanna Mignosa, 216-433-2894.

FOLLOW NASA GLENN ONLINE



Article Deadlines

News items and brief announcements for publication in the October issue is noon, September 23. Larger articles require at least one month notice.

READ US ON THE INTERNET:

<http://aerospacefrontiers.grc.nasa.gov>

Hermes
Award
2010-
2011



PUBLIC TOUR SCHEDULED: Glenn's last public tour of the summer season is scheduled for Saturday, Oct. 1. Guests will visit the Zero-Gravity Locomotion Simulator—a ground-based simulator developed to address the detrimental physiological effects of spaceflight. Tours are free, available to U.S. citizens and foreign national students in grades K-12. Reservations are required. Call 216-433-9653 for details.

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

NASA GLENN VISITOR CENTER: FREE General Admission to the NASA Glenn Visitor Center and to the Great Lakes Science Center, every Tuesday, for youth 18 and under and accompanied by an adult.



In Memory

Helmut F. "Fritz" Butze, 98, who retired from NASA in 1979 with over 40 years of federal service, died June 8. Butze was a U.S. Army veteran of World War II, who joined the NACA/NASA workforce as an aeronautics engineer in 1942. He devoted the first half of his career to investigating solutions to related jet engine combustor problems as a member of the Fuel and Combustion Research Division. In his later years, Butze worked in the Airbreathing Engine Research Division. He focused on reducing emissions, Environmental Protection Act contracts and alternative fuels technology. After retiring, Butze continued to make contributions to the field as a part-time scientific consultant and translator of German technical papers into English for Scitran Scientific Translations.

William M. "Bill" Cleber, 82, who retired from NASA in 1993 with 31 years of service, died May 13. Cleber was a personnel management specialist, who served the majority of his career in the Personnel Division's Employee Relations Office, Employee Utilization and

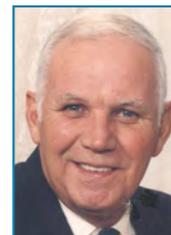


Cleber

Services Section. In 1987, Cleber was named head of the Retirement Coordination Office, where he remained until retirement. He earned several Service/Special Act awards. Cleber was the center's elected member to the Century Federal Credit Union Board of Directors, where he served from 1970 to 1989.

Raymond J. Karabinus, 84, who retired from NASA in 1982 with 36 years of service, died June 19. Karabinus was an aeronautics engineer in the Propulsion Aerodynamics Division, where he retired as a member of the Aviation Wind Tunnel Project Office team. He was a long-time member of the Speakers Bureau, where he shared his passion and pride in being a member of the team that conducted tunnel tests in the center's first 8-by 6-Foot Supersonic Wind Tunnel. The work involved engine concept testing of nearly every type of U.S. military fighter plane and many other aircraft and booster rockets, including Saturn 1-B, Saturn V and Atlas/Centaur.

Charles J. "Chuck" Stauffer, 76, who retired from NASA in 1995 with 36 years of federal service, died July 3. Stauffer was an Air Force veteran and senior electronic engineering technician, who spent his entire 32-year NASA career assigned to the Test Installations Division (TID). He supported TID service sections in the Propulsion Systems Laboratory (PSL) Altitude Chamber, the 10- by 10-Foot Supersonic Wind Tunnel and the Engine Components Research Lab. Stauffer contributed to several projects that merited Group Achievement Awards including the Augmentor Test Rig Buildup and Testing Team, NASA/Army Burner Development Program, and the PSL Facility Rehab. Prior to retiring, Stauffer received an Exceptional Service Medal (1994) for outstanding service, leadership and training in support of aeronautics research.



Stauffer

National Aeronautics and Space Administration

John H. Glenn Research Center at Lewis Field

21000 Brookpark Road
Cleveland, Ohio 44135

www.nasa.gov

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



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Golf Outing Drives Home the Fun

A total of 276 NASA Glenn employees, family and friends gathered at the Mallard Creek Golf Course on July 22 for the second annual Centerwide Golf Outing. Organizer Jeff Haas stated the weather was perfect, as the rain held off until everyone was finished. Participation this year was greater than last year, and next year's outing promises to be even better.



C-2011-2866

Golf outing organizer Jeff Haas, right, tries to keep his team members focused.



C-2011-2726

Director Lugo and Deputy Director Free before the start.



C-2011-2901

Center Director Lugo thanks everyone for another great golf outing.



C-2011-2892

The food was great!



C-2011-2745

The golfers are lined up and ready to go!



C-2011-2709

Golfers warm up to tee off.

Photos by Quentin Schwinn