



## STS-119 Crew Excites Employees, Local Students During Visit

Members of the STS-119 crew shared mission experiences and created special memories for center employees and more than 450 NASA Explorer School students at mission briefings conducted at NASA Glenn on May 7.

Glenn's Educational Programs Office (EPO) hosted the morning briefing for students where STS-119 Commander Lee Archambault, pilot Tony Antonelli and Mission Specialists Steven Swanson and Richard Arnold explained each astronaut's mission responsibilities. A 25-minute video followed, providing a personal look behind the scenes of living and working in space.

Prior to the employee briefing, Glenn hosted a luncheon for the astronauts including several center teams that had provided ground support for the historic mission. This



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Photo by Michelle Murphy

mission support crowned two decades of Glenn involvement with station's electrical power capabilities.

The astronauts acknowledged the value of Glenn's expertise. "While the STS-119 crew actually performed the various tasks successfully, missions involve a much larger team—like those here at Glenn and across the agency—who share responsibility for the success of a mission," Archambault said.



C-2009-1426

Photo by Marvin Smith

The STS-119's 13-day mission to the International Space Station focused on delivering the fourth and final set of solar array wings and truss to fully power station, as well as replacing a water filtration system to begin processing purified water. In addition to the above tasks, they also exchanged a new station member.

—BY S. JENISE VERIS

Top: Crew members Archambault, Antonelli, Swanson and Arnold during employee briefing. Bottom: EPO's Cathy Graves and Giovanna Mignosa usher students to the microphone during the question and answer session.

### NASA Administrator, Deputy Nominated

On May 23, President Barack Obama announced his intent to nominate Gen. Charles Bolden, USMC-Ret., as NASA's new administrator and Lori Garver as deputy administrator. Former astronaut, Bolden is the CEO of Jack and Panther LLC, a privately held military and aerospace consulting firm. Garver is the president of Capital Space, LLC. For more details, visit [http://www.nasa.gov/home/bolden\\_nomination.html](http://www.nasa.gov/home/bolden_nomination.html).



Bolden



Garver

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### Looking Ahead for Glenn

The Office of Strategic Management (OSM) primarily supports the Center Director, the Director's Executive Group (DEG) and the Director's Strategic Management Team (DSMT) by helping Glenn anticipate and effectively respond to changes in its environment. OSM does this by ensuring the Glenn Business Management System (BMS) is operating effectively, and by assisting Glenn senior leadership in strategically planning the center's future.

OSM guides and leads the continued effectiveness of the BMS by focusing on strategic management. This focus helps Glenn better respond to the agency's new performance and results principles, policies and procedures that flow down from Headquarters. By doing so, Glenn has useful leadership and governance process tools for technical performance management, guidance, control and evaluation of the center's program and institutional activities.

OSM also manages the implementation and evolution of Glenn's governance structure: the Center Management Council (CMC) and the Operations Management Council (OMC) gather, review and report monthly issues, risks and decisions to the Senior Management Council (SMC); the Engineering Management Council (EMC) operates independently to assure technical excellence throughout the broad range of projects and research initiatives at Glenn; and the CMC provides an integrating function for the Project Review Board (PRB), the Research Review Board (RRB) and the EMC. These councils, in turn, provide monthly working-level reports on status, issues, risks and decisions emanating from all of Glenn's ongoing projects, research and engineering activities, respectively. OSM supports these activities by maintaining and continually improving the overall governance structure and processes, conducting biennial customer surveys to solicit and track Glenn's performance



Randy Furnas  
OSM Director

in satisfying customers and facilitating ISO 9001, ISO 14000 and AS 9100 surveillance and recertification audit evaluations. This information is presented to the OMC and CMC.

OSM recently produced and distributed a Strategic Action Plan Overview (SAPO) and a series of actions stemming from center-level challenges, goals and

objectives defined during and following two DSMT strategic planning retreats. OSM also is currently developing a proposed center-level Strategic Management System (SMS) for Glenn that offers the DSMT an independent capability to perform more effective short- and long-range advanced planning, 2 or more years ahead of the current-year PPBE cycle.

In closing, OSM works to develop and establish strategic management processes that can enable the Center Director and DSMT to better navigate periods of change and uncertainty; assist in accomplishing the agency's missions, goals and objectives; and assure the center's future health. We're looking ahead so the center doesn't get behind.

### NASA Announces Fiscal Year 2010 Budget

On May 7, NASA announced an \$18.69 billion budget for fiscal year 2010 to advance Earth science, complete the International Space Station, explore the solar system and conduct aeronautics research. The budget request represents an increase of \$903.6 million, or 5 percent, above funding provided in the fiscal year 2009 Omnibus Appropriations Act. All totaled, an additional \$2 billion has been added to NASA's 2009 and 2010 budgets under the Obama administration.

NASA Glenn's share of the budget is estimated at \$639 million, which represents the largest initial estimate in recent years. Highlights of this budget include a \$18.4 million increase for the new International Standard Payload Rack program and a \$25.3M increase related to the construction of a 85,000-square foot Centralized Office Building, which will house 300 of Glenn's program, project management and engineering personnel on the main Lewis Field campus.

### Local Astronaut Performs Hubble Repair



Photo by NASA Johnson

Broadview Heights native astronaut Michael Good, left, and astronaut Mike Massimino are pictured repairing the Space Telescope Imaging Spectrograph during the Atlantis/STS-125 mission's fourth spacewalk on May 17. The mission focused on repairing and refurbishing the Hubble Space Telescope to extend its life into the next decade. The crew performed five spacewalks over the 11-day mission, including one that replaced damaged thermal blankets. NASA Glenn researchers in the Research and Technology Directorate were part of a Multilayer Insulation Assessment Team that participated with NASA Goddard in the test, analysis and recommendation of alternative insulation for the blankets.

**NASA and ZIN Technologies Share Award**

# Nortech Recognizes Innovation

The Northeast Ohio Technology Coalition (NorTech) recently conferred the 2009 NorTech Innovation Award on a team of researchers from NASA Glenn and ZIN Technologies, Inc. (ZINT) for a compact wireless biometric real-time monitoring system called BioWATCH. The device is designed to monitor the health of astronauts while in space by sending data to doctors in real time over wireless networks.

Collaborators on this breakthrough technology include Glenn's Dr. DeVon Griffin, Gail Perusek and Marsha Nall with ZINT's Alan Chmiel, Brad Humphreys and Carlos Grodsinsky.

While BioWATCH is still being tested for space flight, the medical research community has already begun to use it. The technology has up to four times longer battery life than monitors currently in use and comes in a smaller, lighter package. Both modular and ambulatory, BioWATCH is the only available instrument that can be used to monitor patients across a broad range of medical conditions such as congestive heart failure, hypertension, diabetes, congestive obstructive pulmonary disease, stroke, myocardial infarction, atrial fibrillation and sleep apnea. It may also be used for vertebral artery dissection monitoring and consumer wellness.

The NorTech award recognizes the achievements of companies, entrepreneurs, universities and nonprofit organizations in Northeast Ohio whose new products, processes and services have made a significant impact in the region and on the global technology economy. For more information on the 2009 NorTech Innovation Awards, visit: <http://www.crainscleveland.com/marketing/nortechia.html>.

—BY JEANNETTE OWENS

**IN THE NEXT ISSUE**  
We look back at the technology while celebrating the 40th anniversary of NASA's Apollo 11 mission.

*BioWatch winners, front, left to right, Dr. Griffin, Humphreys and Chmiel are congratulated by NorTech President and CEO Dorothy Baunach, and back, left to right, Crain's Cleveland Business Publisher and Editorial Director Brian Tucker and Congressman Tim Ryan. Not pictured: Perusek, Nall, and Grodsinsky.*



Photo courtesy of Crains Cleveland Business

## Glenn Pilots Online Professional Development

The NASA Safety Center's (NSC) Technical Excellence Office is well on its way to becoming known as NASA's University of Safety. The office is responsible for overseeing and directing safety training from an agency perspective. Earlier this month, they launched the pilot Safety and Mission Assurance (SMA) Technical Excellence Program (STEP) at Glenn and Johnson Space Center (JSC).



**Q.** What is STEP?

**A.** STEP is an agency-level, career-oriented, professional development program for NASA SMA administered through the NSC Technical Excellence Office. It focuses on six primary SMA-related disciplines (system safety, reliability and maintainability, quality engineering, software assurance, operational safety and aviation safety). The foundation for this program is modeled after the Marshall Space Flight Center Development Roadmap Program and JSC Personnel Qualification Program.

**Q.** What does training involve?

**A.** STEP is divided into four levels. Each level comprises core, discipline and domain training as well as on-the-job training and other enrichment experiences. Level 1 is being piloted now. It consists of 22 courses that are available via the Internet through SATERN. It should take approximately 25 hours to complete the Level 1 curriculum. While the Level 1 curriculum is currently being piloted, the curriculum architecture for Level's 2 through 4 training curriculum is expected by the end of September 2009.

**Q.** When can I start training?

**A.** NASA Glenn (along with NASA Johnson) is piloting the program, which was officially rolled out at Glenn on June 1. The program was developed for civil servants, but any support service contractor with a SATERN account will have access to all of the STEP self-directed study material.

**Q.** Who developed the curriculum?

**A.** Five NSC Technical Discipline Team Leads led a team of agencywide experts, including Alphaport and its subcontractors, in each discipline in developing the curriculum and a training handbook. The STEP Handbook Web site is <http://nsc.nasa.gov/STEP/>.

For questions about this program, contact NSC Director of Technical Excellence John Marinaro, 440-962-3092.

—BY DOREEN B. ZUDELL

## Huge Generators Removed from AWT

In April, workers removed a synchronous motor, one of five generator components associated with the demolition of the Altitude Wind Tunnel (AWT). The motor is approximately 10 feet in diameter and weighs about 40 tons. The generators were used to start the 18000-hp induction motor for the drive fan that created airspeeds up to 500 mph inside the AWT. The tunnel, which began operations in 1944, played a major role in aerospace history by conducting propulsion research during World War II and hosting tests in preparation for the Mercury space program. The AWT has been idle for more than 25 years. All components associated with the generators will be reused or recycled.



Photo by Patrick Edmonds



C-2009-1273

Photo by Bridget Caswell

## Ares V Scale Model Erected

In May, workers installed a 25-foot-tall scale model of the Ares V rocket on Taylor Road adjacent to the scale models of the Ares I crew launch vehicle and Orion service module. The Ares V cargo launch vehicle will be the "heavy lifter" of America's next-generation space fleet, and will serve as NASA's primary vessel for delivering large hardware to space. Glenn is leading the design and development of the rocket's shroud and several subsystems on the upper stage.



Photo by Doreen B. Zudell

## Biggest Losers

Qinetiq employees, Regina Randar, Management Integration Office, and Dave Gubics, Thermal Energy Conversion Branch, were recognized at a picnic and awards ceremony on May 8 for losing the greatest percentage of body fat during the team portion of the 2009 Slimathon program. The two "Biggest Losers" were part of the Qinetiq Energy Team, which took top honors for losing body fat as well. This year, 243 individuals and 35 teams seeking to improve their physical fitness levels and lose/maintain body fat, participated. Participants lost a total of 1273 pounds over the 12-week period. The Slimathon is an annual program offered by the Fitness Center, and has continued to grow since its start in 1990.

## Veterans Remembered

The Veteran's Awareness Committee hosted Glenn's Memorial Day Ceremony on May 22. Safety and Mission Assurance Director Thomas Hartline's keynote address reminded employees and guests of Memorial Day's purpose and encouraged everyone to: remember the sacrifice of our soldiers who fight to preserve our freedoms at home; honor the memory of those who have fallen; and renew our commitment to support our soldiers and their families. Hartline joined David Stringer, director of Plum Brook Management Office, and Michelle Rhodes, Facilities Division, in the traditional Presentation of the Wreath followed by "Taps" played by Berea High School students Tommy White and Cody Wilcoxon. Craig Robinson, KPSI/Office of Protective Services, performed on the bagpipes.



C-2009-1482

Photo by Marvin Smith

## Organ Donations: Final Gifts

Glenn employees are known for their generosity through various local and national outreach activities. But did you know a number of employees have also reached out to others through organ and tissue donation? Currently more than 100,000 people in the United States are waiting for organ transplants, with more than 1700 of those individuals right here in Northeast Ohio. Every 13 minutes a new name is added to the national waiting list. For more information about organ and tissue donation, visit <http://www.lifebank.org/>.

# Calendar

## Cafe Now Offering Breakfast, Lunch in DEB

Acorn Food Services extended its services to the Developmental Engineering Building (DEB, Bldg. 500) last month with the opening of the Acorn Express Café. Located in the DEB Lobby, the café offers items such as hot sandwiches, yogurt, pastry and beverages for breakfast and sandwiches, salads, soups and beverages for lunch. The café is going "green" as well. It recently introduced a travel mug program. The café is conveniently open from 8 to 9:30 a.m. and from 11:45 a.m. to 1:30 p.m. Weekly menu options are posted by the elevators.



Photo by Doreen Zudell

*Pete Kennedy, SAIC/Safety, Health and Environmental Division, left, enjoys the convenience of the Acorn Express Cafe. Pictured, center, is Carrie Podway, Acorn Food Services COTR, and Chaz Colagross, Acorn Food Services.*

In April, Acorn Food Services introduced the frequent buyer Beverage Club in the Main Cafeteria (Bldg. 15). The club provides a free fountain beverage, coffee, cappuccino or tea after the purchase of 11 beverages. Daily and monthly specials are offered as well. Throughout the month of June (through June 26) the feature includes two fried crab cakes on a brioche roll topped with romaine lettuce, Texas pedal sauce and a pickle, served with fried potato chips, side salad and a beverage for \$4.95.

For those who need to work through breakfast or lunch, the Cafeteria's Cyber Café provides wireless support for laptops. Grab a cup of coffee and work in the dining area away from any disruptions!

Planning an office picnic/gathering this summer? Don't forget about Acorn's catering services. Be sure to call early to reserve dates for catering services because they are going fast. For further information, contact Cafeteria Manager Shane Goodman, 3-2986.

—BY DOREEN B. ZUDELL

**THIRD SATURDAY EVENT:** On Saturday, June 20, the Visitor Center (VC) is hosting "Dress for Success." NASA engineers will explain the challenges of walking in space. See an actual spacesuit and the features that make it possible to live and work in the harsh environment of space. Find out what research is taking place for future spacesuits that will take us to the moon and Mars. Mark your calendar for Saturday, July 18, when the VC will celebrate the 40<sup>th</sup> Anniversary of Apollo 11. Visitors will learn about NASA's new spacecraft that will return humans to the moon and to Mars. Contact the VC at 216-433-9653 or log on to <http://www.nasa.gov/centers/glenn/event/vcevent/html>.

**IFPTE LOCAL 28, LESA MEETING:** LESA will hold its next monthly membership meeting on Wednesday, July 8 at noon in the Small Dining Room of the Employee Center.

**FACILITY TOURS:** NASA Glenn celebrates the 40th Anniversary of Apollo 11 on July 18. Visitors can tour the Glenn facilities that contributed to the Apollo Glenn. Admission will be first come, first served. No registration required. Contact 216-433-9653 for more information.

### SUMMER OUTREACH FUN

NASA Glenn's Community and Media Relations Office conducts one of the agency's most ambitious outreach programs geared toward engaging a public audience with the NASA story. Events range from air shows and festival to sporting events and concerts. As the general public visits the NASA exhibits, the most significant part of their experience is typically their personal interaction with NASA staff (employees and contractors). The center is looking for knowledgeable and courteous personnel to engage the public as they explore the NASA exhibit area. To view an event calendar and learn more about how you can staff an outreach event, visit <http://www.grc.nasa.gov/WWW/PAO/staffing/>.

## People

The NASA Glenn team of Dr. Jennifer Xu, Dr. Gary Hunter, Dorothy Lukco (ASRC), Dr. Lawrence Matus and Dr. Mary Zeller from the Communications, Instrumentation and Controls Division, received a Nano 50 Award in Technology for their Novel Carbon Dioxide MicroSensor at the *NASA Tech Briefs'* National Nano Engineering Conference in Boston. The award recognizes their pioneering work in nanocrystalline tin oxide (SnO<sub>2</sub>) materials doped with copper oxide for developing a more simple, inexpensive, energy-efficient process to batch fabricated microsensors used for applications such as fire detection and environmental monitoring. The Nano 50 award recognizes the top 50 technologies, products and innovators that have significantly impacted—or will impact—key nanotechnology commercial markets, from automotive and electronics, to biomedical and materials.



Photo by S. Jenise Veris

*Pictured, left to right, Dr. Zeller, Dr. Xu, Dr. Hunter, Lukco and Dr. Matus.*

## People

### Appointments

The Space Flight Systems Directorate recently announced the 1-year assignments of John Hamley as the acting deputy director and Tammy Harrington as the acting associate



*Hamley*



*Harrington*



*Free*

director. Hamley previously served as associate director of Space Flight Systems. Harrington previously served as deputy chief of the Launch Systems Office. They join William "Randy" Humphries, who is acting director for the directorate.

As a result of a reorganization within the Space Flight Systems Directorate, the Orion Project Office and the Service Module Project Office were consolidated into a single Glenn Orion Projects Office, with programmatic responsibility for all Orion elements at the center. Jim Free has been appointed the division chief of the new office following a detail at NASA Johnson's Orion Test and Verification Office.

Dr. Gary Seng was appointed chief of the newly formed Communications, Instrumentation and Controls Division in the Research & Technology Directorate. Seng previously served as chief of the Structures and Materials Division. The Communications, Instrumentation and Controls Division unites the directorate's Communications Division with the Instrumentation and Controls Division to take advantage of the synergy and resources. Calvin Ramos has been reassigned to the position of deputy



*Dr. Seng*



*Ramos*

chief for Communications for the new division. Ramos returns to Glenn following a 2.5-year detail in the Space Communications and Navigation Office at Headquarters' Space Operations Mission Directorate.

### Promotion



*McCartney*

Timothy McCartney has been selected chief of the Advanced Aircraft Project (AAP) Office. He previously served as Government Program Manager responsible for implementing AAP's overall current project work and representing the center on an intercenter management team, which develops policies and plans and provides strategic direction for the AAP agencywide.

### Awards



*Dr. Steinetz, center, with astronauts Williams and Melvin at the Gala.*

Senior Technologist Dr. Bruce Steinetz received a Stellar Award at the Rotary National Award for Space Achievement (RNASA) Foundation's annual gala held May 8 in Houston. Stellar Award winners, both individual and teams, are recognized for achievement at various stages of a career. Steinetz was selected as a "mid-career" winner for exceptional technical contributions in aerospace seals research and development and for leadership of an internationally recognized NASA Seals Team. NASA astronauts Sunita Williams and Leland Melvin presented the Stellar Awards. The Space Center

Rotary Club of Houston established the nonprofit RNASA Foundation in 1985 to annually recognize outstanding contributions that advance the space program and to create greater public awareness of the benefits of space exploration.

Dr. Marla Perez-Davis, chief of the Project Liaison and Integration Office, was named one of Hispanic Business Magazine's Top 25 Women of Vision, featured in the April



*Dr. Perez-Davis*

1 edition of the magazine's online publication HispanicBusiness.Com. The article featured Perez-Davis and Dr. Ellen Ochoa, a former astronaut who recently became NASA Johnson Space Center's deputy center director, among the finalist for the magazine's Woman of the Year. To read about all 25, visit [http://www.hispanicbusiness.com/rankings/elite\\_women/2009/4/1/women\\_of\\_vision\\_2009.htm](http://www.hispanicbusiness.com/rankings/elite_women/2009/4/1/women_of_vision_2009.htm).

### Retirements

John Snead, Office of Strategic Management, retired on May 22, 2009, with 34 years of federal service, including 27 with NASA.

Charles Towne, Inlet and Nozzle Branch, Aero propulsion Division, retired on May 29, 2009, with 39 years of NASA service.

### In Appreciation

My family and I would like to extend our sincere thanks to all of my friends and colleagues at the center for your thoughts and prayers upon the passing of my sister Lynda. I was humbled at the outpour of love and support that you extended to us, and I thank you from the bottom of my heart. God bless you.

—John A. Hamley

Thank you to everyone for the flowers, numerous cards and heartfelt expressions of sympathy during the recent passing of my mother, Emily Bittner. They were very much appreciated.

—Gloria Richards

# In Memory



*Zaremba*

## Zaremba: Distinguished Through His Service and Humility

**Kenneth Zaremba, 51**, who served as NASA Glenn's Chief Protocol Officer, External Programs Directorate, died suddenly on May 8. Zaremba was a valued and dedicated public servant for more than 30 years, including service in the U.S. Air Force.

Widely known around the center, Zaremba made great strides in his NASA career shortly after graduating the Trade Apprentice Program in 1985. While serving the Test Installations Division in the wind tunnels, Zaremba received NASA Group Achievement Awards in 1988 and 1991. He completed the Leadership Foundation's Development Program in 1995 and the Cleveland Federal Executive Board Community Leadership Program in 1997, before a promotion to deputy branch chief of the Space Support Branch in 2000.

He earned the post of Chief Protocol Officer in 2005, and often referred to it as "the coolest job in the world." In this capacity, he often coordinated visits by VIPs such as the NASA Administrator, the NASA Advisory Council, senators, Congressional representatives and staff. He pursued his work with fervor, according to Howard Ross, acting chief of External Programs.

"Ken was a supervisor's dream," Ross said. "If Ken was on a task, I never gave it a second thought. I never had to. He was usually two steps ahead of the rest of us on all the details. And he did so unflinchingly, always with joy and pride. Ken didn't seek credit or want to stand out. He just wanted to be sure everything was done right so that the lasting impression of all visitors to NASA Glenn was one of great respect and admiration for our work and staff."

For doing what he loved and doing it well, Zaremba will be awarded posthumously

two NASA Group Achievement Awards —as a member of the 50<sup>th</sup> Anniversary Implementation Team and the 50<sup>th</sup> Anniversary NASA Future Forum Team.

On May 14, Ohio Congressman Dennis Kucinich also paid tribute to Zaremba, a longtime friend and a dedicated public servant, by noting his passing in a Congressional Record: "...in remembrance of Kenneth Zaremba and in recognition of his dedication to family, community and to the field of space exploration through his work at NASA."

## CORRECTION

The May *AeroSpace Frontiers* incorrectly identified Donald G. Beremand, pictured below, with a photo of his brother Gerald Beremand, a NASA retiree who predeceased him. The full name for Louis Corpas, pictured below, is Elias Louis Corpas.



*Beremand*



*Corpas*

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DEADLINES: News items and brief announcements for publication in the July issue is noon, June 17. Larger articles require at least 1 month notice. Submit contributions to the editor via e-mail, 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. View us online at <http://aerospacefrontiers.grc.nasa.gov>.



## Genaro Exemplified "NASA Family" Values

**Carmella Genaro, 63**, who served as assistant director at Lewis Little Folks (LLF), embraced the philosophy of the "NASA family." Known as "Miss Carm" to thousands of students and parents throughout her 16 years at the onsite childcare center, Genaro died on May 11 after a brief illness.



*Genaro*

LLF Director Maureen Sartain, who worked with Genaro for 11 years, said nurturing and kindness came naturally to Genaro. Her smiling face and friendly demeanor was known throughout the center, but especially to the children at LLF.

"Carm loved each child unconditionally, and she made each feel special," Sartain said. "Children knew they could come to her for smiles and hugs—and stickers, which she kept in a special drawer in her office."

Genaro treated parents with respect as well. She took time to talk with them about their children and helped to reassure them that their child was in a safe and loving environment. Former students and their parents often visited Genaro to keep her updated on their progress, and she remembered everyone's name.

"Carm knew the importance of mentoring the next generation so they could go on to live productive and happy lives."

# Glenn Encourages Environmental Stewardship

Glenn's Earth Day Committee collaborated on a variety of Earth-awareness activities at Lewis Field, Plum Brook Station and Earthfest at the Zoo from April 11 through 18. The events helped educate Center personnel and the public on Glenn's conservation efforts and encouraged everyone to become more responsible stewards of our environment. Here are some highlights:



## Lewis Field

(1) Ellen Cowher of Lake Erie Nature and Science Center, left, explained features of the Madagascar "hissing" cockroach during a live animal display. Xuan Nguyen, ISS and Human Research Project Office, and Michelle Kenzig, Safety, Health and Environmental Division (with her daughter Justine), looked on. (2) Teresa Monaco, Procurement Division, demonstrated how leaves from a garlic mustard plant, traditionally known as an invasive species, could be made into a tasty pesto sauce. She also organized a garlic mustard pull.



## Earthfest at the Zoo

(3) Patrons lined up to view movies on Glenn's Aerospace Traveling Environmental Exhibit Bus. (4) Bilal Bomani, Bio Science and Technology Branch, explained his work at Glenn on halophytic (salt-loving) plants as an alternative in developing aviation fuels.



## Plum Brook Station

(5) Pete Kolb, Plum Brook Reactor Facility Decommissioning Project, checked out the features of a fuel-efficient scooter from Don Tester Ford. (6) Sarah Langdon, from Back to the Wild Animal Rehabilitation Center, explained barn owl behavior to Plum Brook Operations Support Group employees Jan and Bill VonKamp.

—BY S. JENISE VERIS

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