Guerin Management Center Opens

During a dedication ceremony on July 13, Center Director Dr. Woodrow Whitlow Jr. welcomed the addition of a new meeting facility, the Guerin Management Center. Built on the site of the original Guerin House at Lewis Field, the new facility offers a flexible meeting space for Glenn personnel while preserving a casual setting.

"The new facility will provide safe, functional and accessible meeting space for official functions," Dr. Whitlow said.

The 2600-square-foot conference center contains a 1225-square-foot meeting room, a catering kitchen and rest room facilities, all organized around a central foyer. NASA-related art complements vaulted ceilings, large windows and a fireplace. The meeting space can accommodate up to 87 people, and is handicapped accessible and American Disabilities Act compliant.

Like the historic Guerin House, the new facility takes advantage of views into the Rocky River Valley and wooded area adjacent to the Cleveland Metroparks. While this structure pays homage to its predecessor through historical photographs displayed in the lobby, the new building offers many modern features such as state-of-the-art communications and audiovisual equipment, including video collaboration and wireless technology.

A team of architects and engineers from the Facilities Division designed the new facility, which is registered for certification by the U.S. Green Building Council through its Leadership in Energy and Environmental Design (LEED) program. New Era Builders constructed the building. Additionally, more than 95 percent of the scrap from the construction project was recycled.

"This 'green' building uses about 25 percent less energy than standard buildings," explained Project Manager John Selby, Gilbane Building Company/Facilities Division. "We paid close attention to indoor air quality, increased ventilation, abundant day lighting and extensive use of recycled content building materials."

To reserve the Guerin Management Center, visit the Logistics and Technical Information Division home page or the Web Events Calendar for instructions (both can be entered in the Transporter) or call 3-3046.

—BY DOREEN B. ZUDELL
2009 NASA Honor Awards

OUTSTANDING LEADERSHIP MEDAL
Therese M. Griebel
Dr. Rainee N. Simons
Laurence A. Sivic

EXCEPTIONAL SCIENTIFIC ACHIEVEMENT MEDAL
Dr. Marvin E. Goldstein

EXCEPTIONAL ENGINEERING ACHIEVEMENT MEDAL
John K. Ramsey

EXCEPTIONAL TECHNOLOGY ACHIEVEMENT MEDAL
Dr. Bilal M. Bomani
Dongming Zhu

EXCEPTIONAL ACHIEVEMENT MEDAL
Anita L. Arnold
Dr. James E. Bridges
Derrick J. Cheston
Dr. Renato O. Colantonio
Kaprice L. Harris
Dr. Mary Ann Meador
Adabelle Narvaez-Legeza
Wayne A. Wong

EXCEPTIONAL SERVICE MEDAL
Ronald C. Alexander
John C. DeLaat
Dr. Christopher DellaCorte
William M. Foster
Sandra L. Hardy
Karin E. Huth
Arthur R. Lee
Diane L. Linne
Kevin A. McCormick
David B. McKissock
Linda M. McMillen
Dr. Michael V. Nathal
Carol A. Quinn
Bhim S. Singh
David J. Steigman
Shun P. Tschen
Denise M. Varga

EQUAL EMPLOYMENT OPPORTUNITY MEDAL
Dr. Felix A. Miranda

EXCEPTIONAL PUBLIC SERVICE MEDAL
Carol A. Galica
Ann O. Heyward

CERTIFICATE OF APPRECIATION
Bernhard H. Anderson
Barbara J. Bartos
Thomas J. Benson
Timothy D. Best
Geneva G. Biglin
Margaret C. Bollinger
Barbara M. Esker
Marton Forkosh
Lynda D. Glover
Glen M. Horvat
Dr. Gary W. Hunter
Dr. Fred J. Kohl
Michael J. Krasowski
Mei-Hwa Liao
Dorian C. McKinney
Vedha Nayagam
Dr. Ronald D. Noebe
Monica M. Palivoda
Jean E. Roberts
Denise L. Ryant
Lance C. Warner
2009 NASA Honor Awards

GROUP ACHIEVEMENT AWARDS

Ares I Upper Stage Thrust Vector Control Team

C-MAPSS Development Team

Educational Programs Exploring Team

Glenn HSPD-12 Badging and Physical Access Team

GRC NSSC Financial Management Transition Team

Human Capital Development Team

K-Band TWT Amplifier for LRO

Ka-Band Atmospheric Calibration and Radiofrequency Propagation

LEWICE Ice Accretion Software Development Team

NASA’s 50th Anniversary Implementation Team

Project Management Tool (PMT) Implementation Team

Vehicle Motion Simulator Development

For descriptions on the awards, visit http://www.nasa.gov/centers/glenn/news/index.html Click on NASA Glenn Employees Receive Honor Awards

APPOINTMENTS
Senior Scientific and Professional Corps
Michael J. Patterson
Senior Executive Service
Cheevon B. Lau
John D. Marinaro

PRESIDENTIAL RANK AWARD
Distinguished Executive
Dr. Woodrow Whitlow Jr.

Meritorius Executive
Kenny E. Aguilar
Dr. Gary T. Seng

Meritorius Senior Professional
Dr. Louis A. Povinelli

FORTY-YEAR SERVICE AWARD
Dr. Sunil Dutta (retired)
Operations Directorate
Dr. James L. Smialek
Structures and Materials Division
Aaron Snyder
Plum Brook Management Office

FIFTY-YEAR SERVICE AWARD
Dr. Gerald V. Brown
Structure & Dynamics Branch
Richard K. Shaltens
Thermal Energy Conversion Branch

FIFTY-FIVE YEAR SERVICE AWARD
Earl R. Hanes
Ceramics Branch

SIXTY-YEAR SERVICE AWARD
Richard H. Cavicchi
Inlet and Nozzle Branch

Linne
McCormick
Sivic
Steigman

McKissock
McMillen
Tschen
Varga

Dr. Meador
Dr. Miranda
Wong
Zhu
2009 Center Awards

On July 7, Deputy Center Director Ray Lugo led Glenn employees, family and friends in recognizing this year’s "Best of the Best" among researchers, engineers, technicians and administrative staff during the second annual Center Awards Ceremony. Those honored reflect nominations by their peers, supervisors and contractor managers for significant contributions in support of center missions.

Abe Silverstein Medal

Dr. Robert S. Okojie

For exemplary research and development efforts to create new sensing and micro-electro-mechanical systems for use in harsh environment aerospace and industrial applications.

Craftsmanship Awards

Manufacturing Technologies—Launch Abort System Team
Philip R. Bastian, Ralph P. Fekete, Daniel I. Graf, Robert E. Kohler, Jesus M. Lopez, Tonya L. Merriweather, David A. Pulice, Patrick Spanos and Jean C. Wells

Assembly and Build-up Technologies—Interface Team

Diversity Leadership Award

Eric B. Clark

For his active commitment to diversity values and his positive impact on the NASA Glenn recruitment program and the Northeast Ohio community.

Lancert E. Foster

For his outstanding commitment to the promotion and practice of the principles of diversity and inclusion, both within NASA Glenn and with the external community.

Distinguished Publication Award

Inlet Mode Transition Screening Test for a Turbine-Based Combined-Cycle Propulsion System
John D. Saunders, Vance F. Dippold III, Dr. Jinho Lee and Dr. John W. Slater, with Bobby W. Sanders and Lois J. Weir (TechLand Research, Inc.)
Support Assistant/Clerical Award

Betsy E. DeLaCruz, Dennie W. Gonia, Dora I. Matesic, Jacquelyn M. Rubeck with Rhonda S. Billick, Lisa M. Lapka, Carolyn Massas, Patricia A. Webb and Orma V. Willard (SGT, Inc.)

Procurement Team of the Year
Plum Brook Reactor Facility (PBRF) Decontamination & Decommissioning Team
Robert O. Bayd, Helen M. Ceh, Robert R. Corban, Jerald J. Kennemuth, Robert F. Lallier, Robert P. Lisy, Melissa A. Merrill, Keith M. Peecook, Lawrence J. Schroeder and Jose M. Vega

For going above and beyond with market research efforts in conducting the Plum Brook Reactor Facility Decontamination & Decommissioning procurement. This resulted in the award of the Center’s largest service-disabled veteran owned small business set-aside contract.

Technical Person of the Year
Dr. Michael A. Meador

For being highly proactive in efforts to involve Historically Black Colleges and Universities and Small Disadvantaged Businesses in materials research at Glenn Research Center.

Steven V. Szabo Engineering Excellence Award
GRC Vehicle Motion Simulator Team
Thomas H. Acquaviva, Bryan Fraser, Charles A. Herrmann, John S. Kolacz, Stephen D. Manning Frank D. Quinn, Jr. and Ulrich (Rick) Wiedenmannott

Small Business Prime Contractor of the Year
Efficient Enterprise Engineering, Inc. (Ex3)
For providing outstanding support to the NASA Safety Center. Ex3 is the contractor for Support and Maintenance of the Incident Reporting and Information System.

Small Business Subcontractor of the Year
N&R Engineering and Management Services, Inc.
For providing outstanding support under Glenn’s Safety & Mission Assurance Support Service contract.
Characteristics of Leadership

During Glenn’s 2009 Asian/Pacific Islander American Heritage Month observance, Dr. Norman Tien, dean and Nord professor of Engineering at Case Western Reserve University’s School of Engineering, stressed the importance of developing leaders who are not content with meeting the challenges of a changing world, but rather seizing opportunities to bring about global change. Performances by world-class sitarist Hasu Patel and the taiko drumming ensemble of Icho Daiko enhanced the annual event sponsored by Glenn’s Asian/Pacific Islander Advisory Council and the Office of Equal Opportunity Programs. Pictured left: the program concluded with an invitation to the audience to sample authentic Asian cuisine.

STS–125 Astronauts Get Around Town During Visit

NASA Glenn welcomed three members of the STS–125 mission—Commander Scott Altman and Mission Specialists Andrew Feustel and Michael Good—June 26 to 28. The astronauts presented a post-flight mission briefing with employees, gave media interviews and enjoyed some downtime during a picnic lunch with employees. Native Clevelander Good extended his stay to attend NASA Night at Progressive Field on June 27. He threw out the first pitch, presented to Travis Hafner an Indians’ baseball jersey that flew on the mission and signed hundreds of autographs. NASA exhibits and special scoreboard features about NASA and its employees, including video skits of Indians’ mascot Slider shot at Glenn, reinforced the NASA presence. On Sunday, retired astronaut Guion “Guy” Bluford tossed out the ceremonial first pitch.

Congressional Visits Showcase Glenn

Glenn senior managers and staff recently briefed Congressional representatives on center activities and capabilities. In May, district staffers from Congresswoman Marcia Fudge’s office received their first overview and tour of Lewis Field. In June, Congresswoman Marcy Kaptur toured Plum Brook Station (PBS) for updates on the Space Power Facility, the reactor decommissioning project and potential alternative uses of PBS acreage. In July, Senator Sherrod Brown and his State Director John Ryan visited Lewis Field. Senator Brown met with Center Director Dr. Woodrow Whitlow Jr., participated in a roundtable discussion with center employees and toured the center to learn about work in the areas of the Constellation Program, aeronautics, spaceflight biomedicine and alternative energy.

Dressed for (Space) Success

How have lessons learned from past visits to the moon better prepared astronauts for the return trip? During the June 18 Third Saturday Program at the Visitor Center, former Glenn employee David Foltz, now Extravehicular Activity (EVA) Flight Manager with NASA’s Johnson Space Center, discussed the research associated with a next-generation spacesuit and the technology and state-of-the-art facilities used to plan and train astronauts for spacewalks. In his presentation “Walking Above Cloud Nine,” Foltz used video of previous missions and actual EVA tools to illustrate the skills and preparation necessary for astronauts to safely and successfully execute a spacewalk.
Podway's Energy Inspiring
Carolyn "Carrie" Podway, 48, administrative specialist in the Logistics and Technical Information Division (LTID), Center Operations Directorate, died suddenly on July 11.

Podway was a member of the Glenn workforce for nearly 28 years. She began her NASA career as a co-op student while pursuing a degree in Applied Business Administration at Cuyahoga Community College. Eager for opportunities to make a difference, she worked in a variety of organizations, but none allowed her to interact with so many as her role in LTID. As LTID’s contracting officer's technical representative (COTR), she was the customer focal point for all clerical and administrative tasks under Glenn’s Technical, Information, Administrative and Logistical Services contract.

"Carrie's energy was inspiring and her laughter contagious," said Sue Silver, SGT Administrative and Clerical Services manager. "We started out as business partners, but easily grew into close friends."

As COTR for Acorn Food Services, Podway spearheaded numerous improvements to vitalize services, including bringing back food service to building 500 occupants with the Express Café and upgrading the audiovisual system and other equipment in the Main Cafeteria.

Podway earned numerous performance-based awards. Most recently, she received a 2009 Group Achievement Honor Award as a member of the NASA 50th Anniversary Implementation Team.

"Carrie was a dedicated and talented individual who lived each day with passion and spirit that filled up any room she entered," said Mary Lester, LTID chief. "We don't have to look far to see that we come to work in a place that is better because Carrie was part of it."

Russell V. Trende, 90, who retired in 1983 with nearly 40 years of NASA service, died May 11. Trende was a supervisory electronics technician in Metrology Services responsible for the calibration and repairs of center instrumentation.

Attention Scout Alumni
The Boy Scouts of America (BSA) and Girl Scouts of the USA (GSUSA) will celebrate their 100 years of service to our country's youth in 2010 and 2012. Many NASA employees were Scouts as youth, including two thirds of our astronauts (and 11 of the 12 who walked on the moon). In support of NASA’s participation, group photos are planned of NASA Glenn employees (all inclusive) who earned the Boy Scout’s Eagle Scout rank or Girl Scout’s Gold Award (previously First Class, Curved Bar, Golden Eagle or Eaglet). For more information contact Dennis Stocker at Dennis.P.Stocker@nasa.gov or 216–433-2166.

Correction
In the July AeroSpace Frontiers Lewis Little Folks solar system display article, the name of the student in the photo caption was incorrectly stated as Anjali Ajmani. The student is Sanjana Katiyar.
Large-Scale Models Highlight Glenn Expertise

A new, large-scale model of a futuristic vehicle concept known as the Hybrid Wing Body (HWB) joined the Glenn landscape last month. Prominently displayed on the northwest side of the Hangar, HWB could revolutionize flight by simultaneously reducing fuel burn, noise and emissions.

During a dedication ceremony on July 8, Center Director Dr. Woodrow Whitlow Jr. and special guest Dr. Fayette Collier, manager of the Environmentally Responsible Aviation Project from NASA Langley, touted HWB’s potential and affirmed Glenn’s valuable role in aeronautics research. Glenn is developing simulation tools and conducting engine component testing to demonstrate new technologies for integration into a new propulsion system.

The new aeronautics-related model joins three Constellation Program hardware models, located along Taylor Road near the Administration Building.

The Orion Service Module, constructed in 2005, showcases Glenn’s ability to engineer, design and manufacture space flight development hardware. An in-house engineering team manufactured the one-ton model in just 29 days.

In May 2008, the Ares I Crew Launch Vehicle model debuted in time for Glenn’s open house celebration of NASA’s 50th Anniversary. Glenn leads the design of the electrical power, thrust vector control, development flight instrumentation and purge systems for the rocket’s upper stage. This May, the 25-foot-tall scale model of the Ares V rocket premiered near the Ares I. Glenn leads the departure stage design and definition, including power, thrust vector control and payload shroud development for Ares V.

All four models showcase Glenn’s critical role in the research, design and development of NASA projects that address the nation’s future goals in air and space.

—BY DOREEN B. ZUDELL

Dr. Whitlow cuts the ribbon during the Hybrid Wing Body dedication.

Photos by Marvin Smith and Bridget Caswell