



New Deputy Administrator Dr. Newman Visits Glenn

On Aug. 20, Center Director Jim Free welcomed NASA's new Deputy Administrator Dr. Dava Newman to NASA Glenn for a full day of activities and tours. During an All Hands meeting, Newman expressed her enthusiasm for visiting Glenn and connecting with fellow aerospace researchers.

"I look forward to working with you as we push forward on our journey to Mars and fulfilling our promise to advance exploration of our solar system and beyond while maintaining global leadership in aeronautics," Newman affirmed.

Continued on page 2



Dr. Newman, right, marvels at the size and capabilities of the Reverberant Acoustic Test Facility at Plum Brook Station during a tour conducted by Jerry Carek.

Around the Center



GRC-2015-C-5147

Photo by Marvin Smith

NASA's William Gerstenmaier visited; recognized Rodney Spence, right. See page 2.



GRC-2015-C-4356

Photo by Jim Polaczynski

The 2015 Center Picnic offered decade-themed games and more. See page 3.



GRC-2015-C-5059

Photo by Marvin Smith

Guest speaker Rear Adm. Fred Midgette, left, assisted with the Honor Awards. See page 5.

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This special 12-page issue highlights the NASA Honor & Center Awards.



Dedicating Today and Every Day to Safety

Over the past year, I've discussed topics in this column that impact health and safety in our workplace and personal lives. On Sept. 23, many of these topics—and their importance—will be showcased in a dynamic way during Glenn's Safety and Health Awareness Day. The day is packed with speakers, panel discussions, information booths and our annual health walk. This is a day for us to break from our schedules to reflect on the good practices that keep us safe, healthy and successful in our missions. Most importantly, it's a day to become empowered to speak up about safety and take responsibility for the safety of ourselves and others. See you there!

Safety and Health Awareness Day is Sept. 23 and Every Day!

—Jim

Dr. Newman, Gerstenmaier Visit

Continued from page 1

Previously with MIT, Newman noted that Glenn subject matter experts mentored her students and supported her own space life sciences research. She cited the partial gravity simulator and Space Acceleration Measurement System (SAMS) among the Glenn-developed technology used in her research. She also noted the value of the Glenn-developed FoilSim application for the cool visualizations that help make learning aeronautics fun and inspiring for her students.

Newman spent the balance of the day touring various Lewis Field and Plum Brook Station facilities. Much of the tour centered on work that is integral to advancing NASA's journey to Mars.

Gerstenmaier's Town Hall

Associate Administrator for the Human Exploration and Operations Mission Directorate (HEOMD) William Gerstenmaier—a native of Akron, Ohio, and former NASA Lewis (Glenn) aerospace engineer—visited Glenn, Aug. 5. He conducted a Town Hall meeting, met with senior staff, attended the student poster sessions and toured various

facilities at Lewis Field and Plum Brook Station.

At the top of the Town Hall, Gerstenmaier presented a NASA Space Flight Awareness (SFA) Award to Glenn's Rodney Spence, Space Communications and Spectrum Management Office. Spence was recognized for his support to the Space Communications and Navigation (SCaN) Program's assessment of the potential impact to NASA's space global positioning system (GPS) applications from broadband interference.

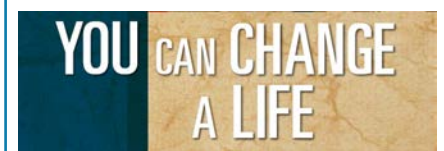
Gerstenmaier confirmed such Glenn contributions and others that enable the agency to continue moving forward in human spaceflight and the journey to Mars. He also cited crew module flight readiness, combustion fluid dynamics, heat transfer and advanced solar array technologies for in-space propulsion as areas of achievement.

Gerstenmaier stressed that space is not just a place to visit. "We've established operations and are constructing in low Earth orbit," he said. "Now, we have to build sustainable projects—with an eye toward Mars."

By S. Jenise Veris

Aeronautics Strategic Plan Released

Dr. Jaiwon Shin, NASA's Associate Administrator of the Aeronautics Research Mission Directorate (ARMD), has released the ARMD Strategic Implementation Plan. The plan culminates the past year and half of work to transform NASA into an organization that is more strategically focused on carrying out the innovative research necessary to meet the future needs of a globally interconnected aviation community. Visit <http://www.aeronautics.nasa.gov/strategic-plan.htm>, to read the plan.



2015 Combined Federal Campaign

Sept. 17 – Dec. 31, 2015

Pacesetter Campaign: Sept. 16–Oct. 9

Kick-Off & Agency Fair

Thursday, Sept. 17

Kick-Off: 9–10 a.m.

Agency Fair: 10 a.m.–1 p.m.

Ad Bldg. Auditorium

Tailgate & Chili Cook-Off

Friday, Oct. 9, 11 a.m.–1 p.m.

Cafe Dining Room

Basket Raffle

Friday, Oct. 23, 8 a.m.–1 p.m.

Cafe Dining Room

Plum Brook CFC Festival

Friday, Nov. 6, 11 a.m.–1 p.m.

Engineering Bldg.

International Food Fair

Friday, Nov. 20, 11 a.m.–1 p.m.

Ad Bldg. Foyer

Art Show

Friday, Dec. 4, 11 a.m.–1 p.m.

MIC Auditorium

Pie the Manager

Thursday, Dec. 10, noon–1 p.m.

Cafe Dining Room

Chair: Andrea Bonesteel

Co-Chair: Mary Jo Long-Davis

Loaned Executive: Haley Proszek

★★★ 2015 CENTER PICNIC ★★★



The past and present came together during the Center Picnic at the Lewis Field Picnic Grounds, Aug. 5. The theme “Celebrating US—Standing on the Shoulders of NACA” recognized a century of NACA/NASA achievements. Civil servants, contractors and retirees enjoyed lively music, refreshments and sunshine! Glenn directorates and offices sponsored games and activities that spanned 10 decades. To view additional information about the activities, visit <http://events.grc.nasa.gov/centerpicnic/>.



GRC-2015-C-4332

The Director's Office and the Office of Chief Financial Officer teamed for a remake of “YMCA” using NACA and NASA lyrics.



GRC-2015-C-4328

Employees relax, mingle and enjoy lunch.



GRC-2015-C-4374

The new Glenn Band shares their talents.



GRC-2015-C-4340

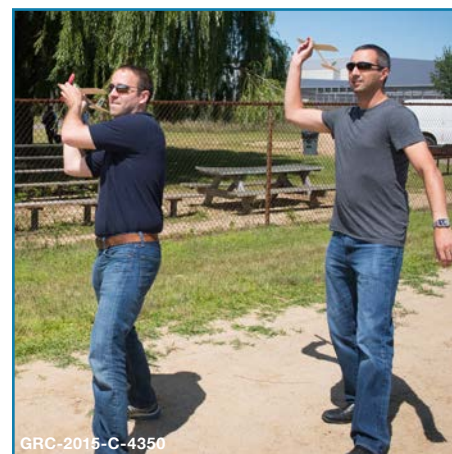
Photos by Jim Polaczynski

NACA and NASA retirees attend the picnic this year to reminisce and have fun.



GRC-2015-C-4339

Center Director Jim Free cuts the cake!



GRC-2015-C-4350

Employees enjoy the 1930s-era National Air Races game sponsored by the Aeronautics Directorate and NASA Safety Center.



GRC-2015-C-4337

Matt Murray randomly shares the microphone and keeps the party rocking.



News and Events

Astronaut Foreman Addresses Summer Interns *Bids Farewell to NASA*



GRC-2015-C-4151

Photo by Bridget Caswell

Prior to retiring from NASA on July 31, astronaut Mike Foreman visited Glenn to talk with summer interns and fellowship program participants, July 23. He shared video highlights of his STS-129 mission, while discussing his space experiences. Foreman, a native of Wadsworth, Ohio, flew on two space shuttle missions and performed five spacewalks during his NASA career. He also held a variety of technical assignments in the Astronaut Office. Foreman served as Glenn's External Programs Division chief from June 2010 to May 2011. The Center Operations staff hosted a farewell picnic for Foreman to wish him well.

GO-BIKE Club Makes Significant Donation



Over the past three summers, Glenn's GO-BIKE club has collected unused/unwanted bicycles to give to local refugees placed in Cleveland. On July 15, GO-BIKE member Marilyn Groff, pictured far right, delivered 40 bicycles, previously owned and donated by Glenn employees, to refugees who gathered at the Hope Center in West Park. The bikes will be used for enjoyment by children and as transportation to and from work for adults. The club has donated more than 180 bikes through the nonprofit organization Building Hope in the City.

GRC Hall of Fame Ceremony Set

In honor of the NACA Centennial and the upcoming Glenn 75th Anniversary, the center has established a GRC Hall of Fame. This is a prestigious honor that recognizes those who came before us and those whose shoulders we stand on.

Employees had an opportunity to nominate retirees who they believe to be pioneers, trailblazers and profoundly important to the history of the center. This year's inductees, focusing on NACA-era employees, will be inducted in a ceremony, Sept. 25, from 1 to 3 p.m. in the MIC Auditorium. This includes a reception. Look for details on *Today@Glenn*. POC: Anne Mills



Speaker Series Stresses Creativity, Innovation



Glenn's Creativity and Innovation (C&I) Speaker Series offered fresh perspectives toward enhancing the center's C&I methods and initiatives. Joe Pulizzi, content marketing expert and founder of the Content Marketing Institute, spoke on July 9. Joseph Yanoska (pictured), executive director of Interactive Operations, at American Greetings Interactive, spoke on Aug. 4.



NASA's Agency Honor and Center Awards 2015 Honor Awards—

OUTSTANDING LEADERSHIP MEDAL



Amy L. Bower

For exceptional leadership in the advancement of Institutional Safety and Occupational Health efforts at the Glenn Research Center

Gregory J. Follen

For outstanding programmatic/supervisory skills, achieving continuous success during a significant transitional period for the Aeronautics Mission Directorate and the Center

John A. Hamley

For outstanding leadership of the Radioisotope Power Systems program to advance spacecraft power system capabilities to enable new NASA exploration missions

Damian R. Ludwiczak

For exceptional service as the Deputy Principal Lead Engineer for the Crew and Service Module, directly contributing to the success of Exploration Flight Test-1 (EFT)

David E. Taylor

For outstanding leadership of NASA Glenn's Plum Brook Station and significant Agency projects through innovation, collaboration, and personnel management

Wayne A. Whyte

For outstanding leadership as the International Spectrum Program Manager for NASA

EXCEPTIONAL SERVICE MEDAL



Anita L. Arnold

For exceptional Human Resources service to NASA in the areas of Employee and Labor Relations in the Office of Human Capital Management

Thomas J. Benson

For exceptional contributions to the Agency's mission of inspiring and engaging the next-generation aerospace workforce

Christopher J. Blasio

For exceptional service and technical expertise in leading and implementing a highly effective radiation safety program that has resulted in making GRC a safe place to work

Jeffrey A. Chambers

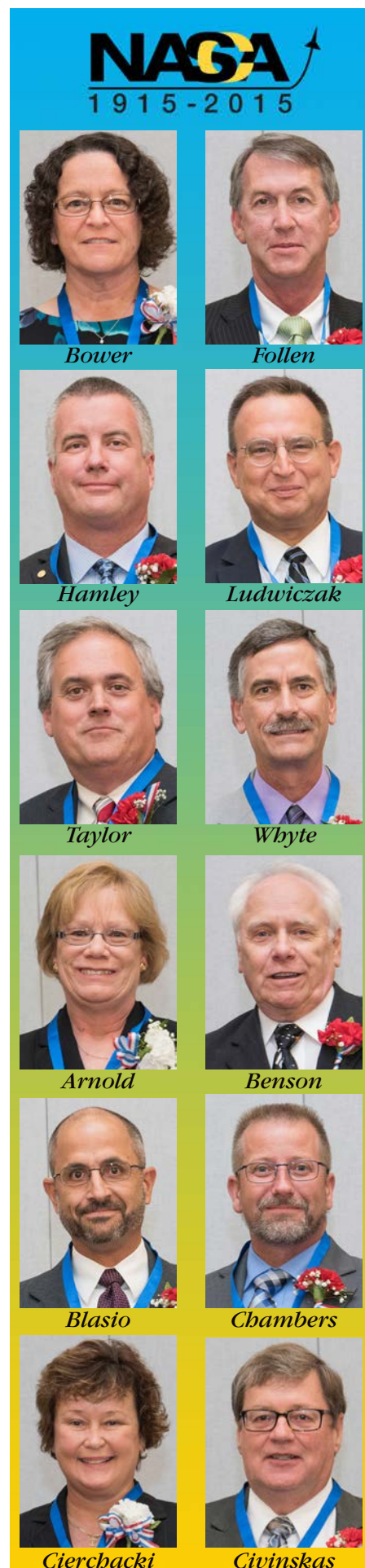
For exceptional performance in facilities project management and engineering for many projects having critical significance to the fulfillment of the mission of GRC

Irene Cierchacki

For outstanding service, creativity, and expertise in support of major programs, projects, and initiatives with Agency impact, particularly at the NASA Glenn Research Center

Kestutis C. Civinskas

For sustained, exceptional service to NASA, and specifically to NASA's aeronautics missions and goals, through programmatic planning, development, and execution



Bower

Follen

Hamley

Ludwiczak

Taylor

Whyte

Arnold

Benson

Blasio

Chambers

Cierchacki

Civinskas



Crawford



Henry



Hojnicky



Lekki



Leone



Sicker



Zalewski



Clemons



Clough



Smith



Easterling



Ellis

Susan M. Crawford

For exceptional service to NASA's Aeronautics missions and goals through budget management and project execution

Laura A. Henry

For consistent, exceptional success as a litigator, significantly improving NASA's precedential legal posture and setting a standard for other NASA attorneys to emulate

Jeffrey S. Hojnicky

For outstanding knowledge of electrical power systems and exceptional skills in creating highly sophisticated analytical models that impact critical human spacecraft designs

John D. Lekki

For outstanding technical leadership in advancing sensor-systems technologies through the Vehicle Integrated Propulsion Research (VIPR) series of engine testing

John F. Leone

For exceptional leadership and vision in managing, maintaining, and improving the testing and operations of the GRC wind tunnel and propulsion research facilities

Ronald J. Sicker

For exceptional service to the ISS Research Program in advocating and expanding NASA's capabilities to conduct significant research on the International Space Station

Robert A. Zalewski

For exceptional service as an innovator and leader in the management and execution of an efficient, cost-effective information technology environment supporting NASA programs

EXCEPTIONAL PUBLIC SERVICE MEDAL



Eric C. Clemons

For exceptional public service in managing the Glenn Engineering and Scientific Services (GESS) contract, plus leading strategic business development opportunities and partnerships

for the benefit of NASA Glenn Research Center, the Agency, and the State of Ohio

Martha L. Clough

For demonstrating outstanding service as the Leidos Program Manager for the Safety, Health, Environmental and Mission Assurance (SHEMA) contract at GRC

Jeffrey C. Smith

For exceptional management of technician resources, the apprenticeship program, and the lifting device program in the test facilities at NASA Glenn Research Center

EXCEPTIONAL ACHIEVEMENT MEDAL



Donald F. Easterling

For exceptional achievement in completing the complex 25-year environmental remediation program eliminating GRC's liability for legacy environmental damage

Brenda L. Ellis

For exceptional achievement mitigating NASA's top IT security risks and fostering mission and project success through implementation of Agency training and awareness products

Danielle M. Griffin

For outstanding improvements to the Glenn Research Center Mishap Reporting and Investigation Program that ensures employee health and safety

Francis T. Jennings

For the consistent production of high-quality communications products that effectively share GRC's technology expertise and accomplishments with diverse audiences

Dennis R. Kay

For exceptional visionary leadership as Lead Systems Engineer for NASA's Identity, Credential, and Access Management (ICAM)

George Kopasakis

For outstanding development of higher fidelity dynamic modeling of propulsion systems for supersonic civil aircraft

James D. Stegeman

For exceptional achievement as the GRC Technology Manager for the Space Communication and Navigation (SCaN) Program to develop key enabling technologies for NASA

Vicente J. Suarez

For outstanding and significant technical achievements in the structural engineering design and development of spaceflight hardware

Robert T. Tornabene

For outstanding contributions to the assembly, integration, and testing of the Saffire (Spacecraft Fire Safety) flight

combustion experiments that will provide critical science data on large-scale flames

Irene A. Wirkus

For outstanding efforts as the technical lead for the successful NASA Mishap Information System implementation, resulting in cost savings and enhanced security and performance



EXCEPTIONAL PUBLIC ACHIEVEMENT MEDAL

Scott Belock

(photo not available)

For exceptional management and operation of the satellite machine tool repair program at NASA GRC

Mohammad Kassemi

For exceptional research achievements in the effects of long-term microgravity on human health and on the performance of cryogenic propellant systems and materials processing in space



EXCEPTIONAL ENGINEERING ACHIEVEMENT MEDAL

Robert J. Bruckner

For exceptional engineering achievement in resolving the external Active Thermal Control System ammonia

pump failure investigation for the International Space Station

Donald E. Van Drei

For exceptional engineering achievement in the implementation of the Time-Triggered Gigabit Ethernet Data Network for the Multi-Purpose Crew Vehicle



EXCEPTIONAL SCIENTIFIC ACHIEVEMENT MEDAL

Timothy P. Gabb

For exceptional research achievements advancing the understanding of turbine engine disk alloys critical to higher efficiency turbine engines

Robert K. Goldberg

For exceptional achievement in the development, validation, and dissemination of theoretical models and computational tools for impact analysis of composite engine structures



EXCEPTIONAL TECHNOLOGY ACHIEVEMENT MEDAL

Marc A. Gibson

For exceptional achievement in advancing the technology readiness of high-temperature water heat pipes for a broad array of NASA and commercial applications

Frances I. Hurwitz

For exceptional development of a broadly applicable aerogel technology for advanced insulation capable of 1200 °C use temperatures

Rainee N. Simons

For outstanding contributions to the development and advancement of high-power, high-efficiency space traveling wave tube amplifier technology in support of NASA missions



EARLY CAREER ACHIEVEMENT MEDAL

Stephen J. Barsi

For outstanding early career performance and leadership in cryogenic propellant management and chemical propulsion that enables future exploration missions

Othmane Benafan

For exceptional scientific contributions to the field of shape memory alloys and innovative advancements in aeronautics and space actuation systems

Joseph A. Downey

For outstanding technical achievement and innovation leading to the demonstration of the highest recorded data rate through NASA's Tracking and Data Relay Satellite System

Justin S. Gray

For exceptional vision and leadership of the OpenMDAO effort, contributing to its ongoing innovation in the multidisciplinary design and analysis optimization (MDAO) field and its widespread adoption within and external to NASA

Jared P. Reed

For outstanding facilities engineering contributions to fulfill the mission of the Glenn Research Center





Goldberg



Gibson



Hurwitz



Simons



Barsi



Benefan



Downey



Gray



Reed



Connolly



Meyers



O'Connor



EQUAL EMPLOYMENT OPPORTUNITY MEDAL

Joseph W. Connolly

For outstanding contributions to advancing opportunities for under-represented minorities in science, technology, engineering, and mathematics careers



SILVER ACHIEVEMENT MEDAL—INDIVIDUAL

Clayton L. Meyers

For exceptional demonstration of NASA's core values of teamwork and excellence in the execution of project management responsibilities on aeronautics research projects

Lisa M. O'Connor

For exceptional demonstration of NASA's core values in the execution of responsibilities for the Aeronautics Directorate at NASA Glenn

SILVER ACHIEVEMENT MEDAL—GROUP

High Rate Ka-band Waveform Experiment Team

For outstanding technical achievement, excellence, and innovation in developing and flight-validating the high-rate, bandwidth-efficient Ka-band waveform for the Space Communications and Navigation (SCaN) Testbed

PIV Smartcard Team

For exceptional team performance in the implementation of NASA's PIV-Mandatory initiative at the Glenn Research Center

Saffire Vibration Testing and Analysis Team

For outstanding mission contributions and stellar group achievement in performing Saffire vibration tests and analyses

The Mechanical Vibration Facility (MVF) Table Team

For exceptional achievement in the execution of the Mechanical Vibration Facility Table project

GROUP ACHIEVEMENT AWARD

BOPPS Mission Team for Planetary Science

For exceptional achievement developing and successfully launching the Balloon Observation Platform for the Planetary Science stratospheric balloon mission

Design of Solar Electric Propulsion System Technology

For exceptional design of an advanced electric propulsion system applicable to near-term NASA solar electric propulsion missions and extensible to future human exploration

Facilities Application Consolidation Project

For outstanding accomplishments achieving successful centralization, optimization, and cost efficiencies across GRC's business application infrastructure

GRC 1'x1' SWT Team

For outstanding team effort in the successful completion of 1'x1' Supersonic Wind Tunnel testing and analysis of nozzle plume and shock interaction effects on sonic boom

GRC Orion Exploration Flight Test-1 (EFT-1) Team

For exceptional achievements that contributed to the success of the Orion Exploration Flight Test, the first space-flight of Orion

Harmful Algal Blooms Airborne Hyperspectral Team

For outstanding achievement in conducting airborne campaigns and enabling new remote sensing and analytical capabilities for monitoring harmful algal blooms in Lake Erie

NASA Mishap Information System

For the exceptional and timely deployment of the NASA Mishap Information System and migration of 20,000+ mishap reports, which enhanced security and performance

SCaN Compatibility Test Set Team

For outstanding achievement in the design, development, and delivery of a state-of-the-art reconfigurable system for space network compatibility testing

Solar Cell Experiment on the International Space Station

For exceptional innovation in designing, fabricating, validating, and delivering the Solar Cell Experiment for integration onto the International Space Station

Vacuum Facility 5 (VF5) Upgrade Project Test Team

For outstanding achievement of doubling the effective pumping speed of an already-recognized world-class facility, Vacuum Facility 5, during the recent upgrade project

VIPR 2 Engine Testing Team

For outstanding achievement in advancing technology readiness levels of more than one dozen new sensor systems through on-wing engine testing

SENIOR EXECUTIVE SERVICE

Robert M. Button

Robert M. Button was appointed to the position of Deputy Chief, Power Division, effective October 5, 2014

Dawn C. Emerson

Dawn C. Emerson was appointed to the position of Chief, Communications and Intelligent Systems Division, effective September 21, 2014

Kaprice L. Harris

Kaprice L. Harris was appointed to the position of Chief of the Office of Acquisition, effective December 28, 2014

Susan L. Kevdzija

Susan L. Kevdija was appointed to the position of Deputy Director of the Facilities, Test and Manufacturing Directorate, effective September 21, 2014

John M. Sankovic

John M. Sankovic was appointed to the position of Director of the Office of Technology Incubation and Innovation, effective September 21, 2014

James J. Zakrajsek

(photo not available)

James J. Zakrajsek was appointed to the position of Deputy Chief of the Materials and Structures Division, effective October 5, 2014

PRESIDENTIAL RANK AWARDS

The President of the United States
of America has conferred upon

Thomas Hartline

the rank of Meritorious Executive in the Senior Executive Service for sustained superior accomplishment in management of programs of the United States Government and for noteworthy achievement of quality and efficiency in the public service.

Janet L. Kavandi

the rank of Meritorious Executive in the Senior Executive Service for sustained superior accomplishment in management of programs of the United States Government and for noteworthy achievement of quality and efficiency in the public service.

Center Awards

ABE SILVERSTEIN MEDAL

Brett A. Bednarczyk

For development of novel integrated computational materials engineering (ICME) and multiscale analysis methods and tools for advanced composite materials and structures

STEVEN V. SZABO ENGINEERING EXCELLENCE AWARD

Hall Effect Rocket with Magnetic Shielding (HERMeS)

For the magnetic, plasma, thermal, and structural design activities resulting in the successful demonstration of the HERMeS Hall thruster

Li C. Chang
Wensheng Huang
Lauren K. Clayman
Hani Kamhawi
Christopher M. Griffiths
Ioannis G. Mikellides
Thomas W. Haag
James L. Myers
Rich R. Hofer
John T. Yim

CRAFTSMANSHIP AWARD

Robert E. Kohler

For skillful assembly of the three Spacecraft Fire Experiment (Saffire) flight units and significant contributions to the success of the Spacecraft Fire Safety Demonstration project

2013 DISTINGUISHED PUBLICATION AWARD

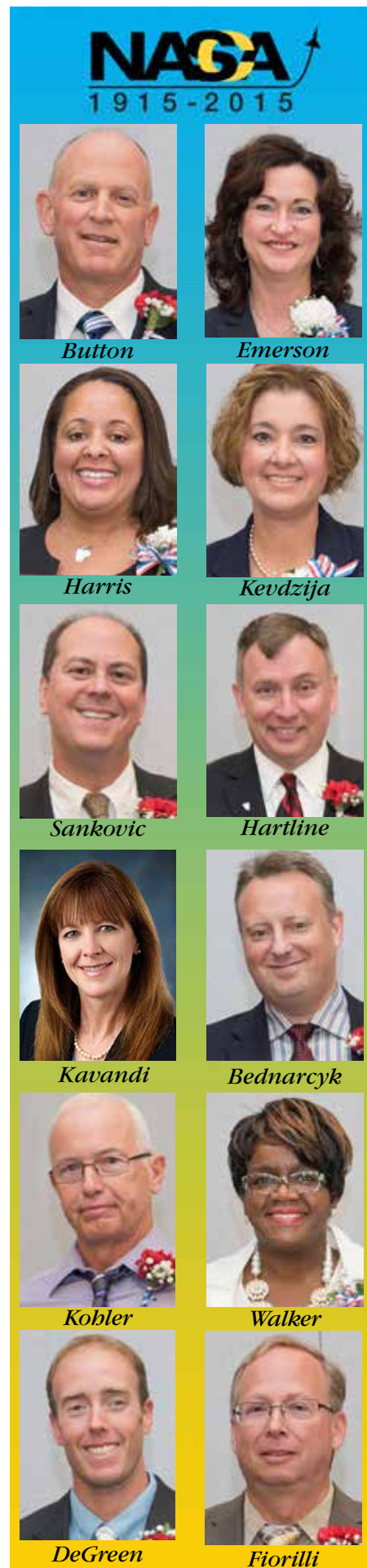
Advanced Optical Diagnostics for Ice Crystal Cloud Measurements in the NASA Glenn Propulsion Systems Laboratory

Timothy J. Bencic
Jonathan P. Kirkegaard
 (Jacobs Technology)
Amy F. Fagan
David P. Rohler
 (Plexar Associates, Inc.)
Judith F. Van Zante
Arjun Maniyedath
 (Plexar Associates, Inc.)
Steven H. Izen
 (Case Western Reserve University)

2014 DISTINGUISHED PUBLICATION AWARD

Derivation of Microwave Refractive Index Structure Constant (C_N^2) of the Atmosphere From K-Band Interferometric Phase Measurements

James A. Nessel
Robert M. Manning





Long-Davis



Bonesteel



Brinkman



Roser



Clevenger



Gonzalez



Smiley



Olmsted



Chambers

Credits:

Citations are reproduced from the Honor Awards Book.

Note: Some citations in online issue were updated with corrected information on 9/14/15. Design and Layout by Kelly Shankland. Photos by Marvin Smith.

DIVERSITY LEADERSHIP AWARD

Darlene S. Walker

For continued advocacy and commitment to diversity, as well as pioneering work in the advancement of science, technology, engineering, and mathematics (STEM) with under-represented, under-resourced students across the country

SAFETY AWARD

John J. DeGreen (individual)

For exceptional application of safety practices and requirements, and commitment to utilizing best practices to improve safety at Lewis Field and Plum Brook

Timothy J. Fiorilli (m.a.c. Paran Consulting Services)

For exemplary technical expertise, guidance, and dedication to the MIC Legionella Investigation Team to ensure a healthful work environment for all GRC employees

Process Systems Safety Committee (PSSC) (team)

For exemplary performance and collaboration in ensuring the safe operation of institutional process systems vital to GRC's research mission

SCaN GRC S-Band Ground Station Team (team)

For excellent coordination and implementation of safety practices in the design, implementation, and successful performance verification of the SCaN Testbed GRC S-Band Ground Station

SUPERVISOR AWARD

Mary Jo Long-Davis

For demonstrating outstanding leadership and management skills as Chief of the Inlets and Nozzles Branch

SUPPORT ASSISTANT/CLERICAL AWARD

Andrea R. Bonesteel

For superior executive support services to the Office of Human Capital and spirit of collaboration and team work to meet Directorate and Center needs

Samantha L. Brinkman

For exceptional performance of duties and delivering a level of service exceeding expectations to the Chief Financial Officer Organization and to the Associate Director's Office

Kathryn M. Roser

For outstanding performance of executive administrative duties in support of the Center Director's Office at the Glenn Research Center

Debra K. Clevenger (SGT, Inc.)

For exceptional administrative support to, and invaluable knowledge of, the Space Science Project Office, including significant support of the CLOUD science and NEXT-C Projects

Carmen D. Gonzalez (SGT, Inc.)

For continued excellent support to the Combustion Physics and Reacting Processes Branch and the Fluid Physics and Transport Processes Branch, including willingness to accept the role as the LT division summer intern coordinator

Renee K. Smiley (SGT, Inc.)

For a cooperative team attitude approach in the Logistics and Technical Information Division, including extensive research and data entry in creating several new databases used by the Division

GRC LARGE BUSINESS PRIME CONTRACTOR OF THE YEAR

Leidos, Inc.

GRC SMALL BUSINESS PRIME CONTRACTOR OF THE YEAR

Vantage Partners, LLC

GRC SMALL BUSINESS PROCUREMENT PERSON OF THE YEAR

Aaron A. Olmsted

GRC SMALL BUSINESS TECHNICAL TEAM OF THE YEAR

ISS Distillation Assembly Bearing Development Team

GRC SMALL BUSINESS PROGRAM PERSON OF THE YEAR

Jeffrey A. Chambers

SERVICE AWARDS

50-Year Service Award

Gustave C. Fralick

Hugh M. McLaughlin

45-Year Service Award

Robert J. Shaw

40-Year Service Award

Thomas J. Benson

Robert D. Buttler

Terrell J. Jansen

William H. Jones

Barbara A. Mader

Jeffrey F. Paulin

Robert M. Plencner

Jerri A. Vokac

Welcome to the NASA Family



GRC-2015-C-3291

Photo by Bridget Caawell



GRC-2015-C-3462

Photo by Marvin Smith

Glenn welcomed nine new employees, trainees and a Department of Veterans Affairs intern to the workforce in June. They include, top photo, front row, left to right: Drew Ahern, Propulsion Division; Mary Howell, Office of the Chief Information Officer; and Christopher Colwell, Facilities Division; back row, left to right: Gerald Voltz, Office of Education; and Michael Borghi, Propulsion Division. Bottom photo, left to right: Timothy Adcock, Testing Division; Jana Sjoquist, Accounting & Financial Analysis Division; Janet Lane, Facilities Division; and Donald Hammett, Testing Division. New hires that reported in the months of July and August will be posted in an upcoming issue.

Retirements

Scott Benson, Space Science Project Office, Space Flight Systems Directorate, retired July 31, 2015, with 30 years of service.

Emergency and Inclement Weather Lines
Lewis Field: 216-433-9328 (WEAT)
Plum Brook Station: 419-621-3333

More Than a Memory

*Dr. Fordyce*

Fordyce Encouraged Employee Input

Former Center Deputy Director Dr. James "Stuart" Fordyce, 83, a 1994 retiree with 28 years of service, died Aug. 8. Fordyce joined NASA in 1966 as a research scientist. He made significant contributions through research in electrochemistry and managed a broad spectrum of programs in space power and terrestrial energy. Fordyce served as director of Aerospace Technology for 7 years prior to his appointment as center deputy director in 1991. He was a strong advocate of empowering employees by soliciting their ideas and input. Following retirement, he joined the Ohio Aerospace Institute, serving as chief scientist until 2006.

Dr. Robert D. Ingebo, 92, a 1995 retiree, died July 7. Ingebo was a World War II Navy veteran and chemist who served NASA for 45 years as an aerospace research engineer. He was internationally known for his research on the properties and performance of fuel nozzles used in aircraft turbine engines. He also contributed to the development of hypersonic propulsion systems and materials needed for today's commercial airplanes. Ingebo retired from NASA's Aerothermochemistry Branch of the Internal Fluid Mechanics Division.

*Dr. Ingebo**Kenipe*

Kenneth E. Kenipe Jr., 60, a dedicated volunteer for NASA Glenn's Visitor Center and outreach efforts for nearly 30 years, died unexpectedly July 21. He supported a wide range of educational and community outreach activities. However, his passion was being a docent presenting educational programs, particularly on the solar system, to the public and school groups. Kenipe was the pastor at the West Park Baptist Church in Cleveland.

Calendar

NATIONAL HISPANIC HERITAGE MONTH: The Hispanic Advisory Group will host its Hispanic Heritage Month Observance, Sept. 16, from 10 a.m. to noon, Ad Bldg. Aud. This year's theme is "Hispanic Americans: Energizing Our Nation's Diversity." Myra Rosario, president of Latino Cleveland Media Group and executive producer and host of "Yo Soy Latino Cleveland" on WKYC Channel 3, is the speaker. Food for purchase will be available. POC: Avis Hudson-Bradford, 3-6072

SATURDAY TOURS AT LEWIS FIELD: Glenn's last facility tour is Oct. 3. Tour buses depart from the Main Gate every hour starting at 10 a.m. One-hour tours begin with a multimedia presentation in the Briefing Center Auditorium. Come "Explore Locomotion on Planets" in Glenn's Simulated Lunar

Operations (SLOPE) facility. For more information, visit <http://www.nasa.gov/centers/glenn/events/tours.html>.

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

DISABILITY AWARENESS MONTH: The Disability Awareness Advisory Group will hold its annual observance, Oct. 28, from 2 to 3:30 p.m., Ad. Bldg. Aud. Dr. Maricela Lizcano, Materials Chemistry and Physics Branch, is the speaker. This year's theme is "My Disability is One Part of Who I Am." POC: Kathy Clark, 3-8354

Connect with Glenn



National Aeronautics and Space Administration

John H. Glenn Research Center at Lewis Field

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Cleveland, Ohio 44135

www.nasa.gov

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 Office of Communications & External Relations in the interest of the Glenn workforce, retirees, government officials, business leaders and the general public. Submit short articles and calendar items via e-mail to the editor: doreen.b.zudell@nasa.gov or 216-433-5317.

October 2015 Calendar section deadline: Sept. 18, noon
News and feature stories require additional time

Editor: **Doreen B. Zudell**, SGT, Inc.

Assistant Editor: **S. Jenise Veris**, SGT, Inc.

Managing Editor: **Kelly R. DiFrancesco**



Read *AeroSpace Frontiers* online at <http://www.nasa.gov/centers/glenn/news/AF/index.html>

Glenn Visitor Center Activities Focus on Exploration

Linking Space to Earth

NASA Glenn and the Great Lakes Science Center (GLSC) recently co-hosted events to help the public learn about some of the challenges of traveling and living in space.

The festivities began with Space Adventure Week, a celebration of NASA's exploration of space, held in Glenn's Visitor Center at the GLSC, July 27 to Aug. 2. Glenn staff conducted space and aeronautics presentations and demonstrations that aligned with NASA's six communications priorities.

A live downlink from the International Space Station (ISS), July 31, highlighted the weeklong celebration. Glenn Deputy Director Janet Kavandi moderated the 20-minute in-flight educational conversation. Summer campers at the GLSC and MC² Science, Technology, Engineering and Mathematics (STEM) high school students spoke with Expedition 44 crewmembers Scott Kelly and Kjell Lindgren.

A free admission day, Aug. 17, enabled guests to peruse the Glenn Visitor Center and the other galleries throughout the day. NASA Glenn provided exhibits and staff who highlighted research activities at Plum Brook Station.

By Doreen B. Zudell



GRC-2015-C-4291

Photo by Bridget Caswell

Kavandi moderates a downlink as students speak with ISS astronauts during Space Adventure Week at the GLSC.



Photo by David DeFelice

Dave McKissock talks about Deep Space Exploration during Space Adventure Week at the GLSC.



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During free admission day at the GLSC, Nicole Smith highlights Plum Brook Station Mars exploration research activities.