Solar expansion

UVA installs rooftop solar panels

The recent installation of three separate rooftop solar panel systems on Grounds is just the beginning of the expansion of the University’s use and production of solar energy.

Hundreds of solar panels were installed on the rooftop of Clemons Library in January, bringing the total solar energy on Grounds to more than 600 kilowatts, enough to power 4,350 compact fluorescent lamp (CFL) lightbulbs for 10 hours. In December, thousands of panels were installed on top of Ruffner Hall and the UVA Bookstore as part of Dominion’s Solar Partnership Program where Dominion-owned solar facilities are installed on leased rooftops throughout Virginia.

Solar panels — also known as photovoltaic panels — capture sunlight and generate electricity through the use of semiconductor materials. Each panel is a sandwich of two layers of silicon, one which holds a positive charge and the other which holds a negative charge. Sunlight “excites” the top layer and electrons “jump” between the two semiconductor materials creating a movement of electrons which produces current.

See SOLAR on page 2

FM staff outfits Laser Lab

Project Services staff has been working to renovate a state-of-the-art lab in Wilsdorf Hall in order to support ground-breaking research.

The renovation — which will be complete in the next few weeks — will provide a lab that is able to simulate a jet engine’s internal conditions.

Once complete, the Wilsdorf Hall Laser Steam Load Lab will be the only one of its kind in the world, according to Mechanical Engineer Jon Bruneau, who is managing the project with Construction Project Coordinator Chris Bentley.

See LASER LAB on page 2
HSPP completes challenging Pinn Hall repair

Health System Physical Plant Zone 2 staff recently developed an innovative solution to complete a difficult and potentially expensive repair in Pinn Hall (formerly known as Jordan Hall).

A routine repair of an exhaust fan posed a challenge due to its location 15-feet above floor level, tightly nestled among other equipment in a mechanical room. The repair required the entire fan to be disassembled and initial plans were to hire a contractor to install scaffolding to reach the fan, something that would have cost the University several thousand dollars and potentially disrupted the research that takes place in this area of the building.

However, a group of maintenance staff across various trades — including Zone Maintenance Supervisor Jake Bajs, Electrician Spiro Jokic, Plumber Steamfitters Slobodan Letic and Bojan Matic, HVAC Installation and Repair Technician Senior Zeljko Matic and HVAC Installation and Repair Technician William Mayo — developed an out of the box approach that was not only safer but cheaper as well. Their plan involved wrapping the fan with two chains that were attached to steel beams above the fan. Staff then used the chains as a pulley, tilting the fan and slowly angling it down to the floor where the repair was performed. The group was recently honored by HSPP Zone 2 Superintendent Gary Allen for their collaborative approach that benefited customers by saving money and benefited staff by ensuring their work could be performed in a safer manner.

SOLAR

In addition to these rooftop systems, the University is also pursuing the use of electricity generated by solar farms. UVA recently entered into a partnership with Dominion that the University (and its Darden School of Business) will purchase the electricity output produced at a new, 160-acre solar facility in King William County for the next 25 years.

The facility — which is owned by Dominion, who will construct and operate it — is expected to produce an estimated 17 megawatts of alternating current, a figure representing about 12 percent of the University’s electric demand.

FM will soon launch a website that will track the energy production of all on-Grounds solar facilities.

LASER LAB

The project team also includes architect Nalls Architecture, engineer Vanderweil and Prabha Pathirana, a Ph.D candidate in the School of Mechanical and Aerospace Engineering who designed the lab and will perform research in the renovated space.

Pathirana’s research will test out different materials to be used within engines under the advisement of Haydn Wadley, a University Professor and Edgar Starke Professor of Materials Science and Engineering at UVA. Wadley’s research team has worked to test the limits of heat-resistant materials used within the interior surfaces of engines in order to increase performance.

Due to the extremely high temperatures that will be recreated in the lab, the renovation team had to increase the power to the space and design several safety measures, including a protective operator’s room in the rare event the equipment fails. In order to eliminate the risk of affecting other research in the building, the team studied the equipment’s vibration transmission through the building and relocated certain equipment outside to minimize risk.

Throughout the project, FM staff has played an active role in the project to solve problems and navigate the way through inspections. “We’re facilitating really amazing research,” said Bruneau.
Education Resource Center nears completion

The Education Resource Center — located between the Emily Couric Clinical Cancer Center and the Lee Street Garage — is expected to be fully open in April. The project — managed by Facilities Management Project Director Joe Rainwater and Senior Construction Administration Manager Keith Schrimp — will provide space for graduate medical and patient education, a relocated outpatient pharmacy and a new centrally-located outpatient imaging center.

The new pharmacy area (relocated from the West Complex) will provide expanded services including 24/7 access, 10 patient windows and three consult stations. The building’s new imaging area will fulfill the need for diagnostic imaging services convenient to the Battle Building as well as the Cancer Center’s radiology area, which will connect directly to the ERC’s lower level. Patients and visitors can easily access the building through connections to the new elevator and stair tower for the Lee Street Garage.

Recent construction activities include the delivery of the MRI, cleaning the site, completing tie-ins to the adjacent buildings and punch-list items. The building’s front drive will reopen in mid-March and substantial completion is expected in late March.

The project’s architect is CO Architects of Los Angeles and the construction manager is Donley’s/McCarthy of Collinsville, Ill. To track the progress of the project, visit the project’s live webcam on the FP&C website.

Project Services trades renovate Pavilions III & VII

Recent work on the Lawn includes renovations of both Pavilion III and Pavilion VII.

Following the completion of work on Pavilion III’s columns and interior last fall, staff have been replacing the building’s roof and constructing a new balustrade. FM’s in house roofing team removed the previous roof and installed a flat-lock metal roof based on Jefferson’s original design with improvements to prevent against leaks. Project Services carpenters then constructed the rooftop balustrade, which was included on Jefferson’s original drawings of the building but later removed. The project team includes FP&C staff James Zehmer and Project Services staff Brian Tinnell.

The project at Pavilion VII will provide permanent ADA access to the building and a new concrete porch slab. The 100-year-old decaying slab was recently demolished and masons worked to repair the brick columns. Following the replacement of the porch slab, staff members will install a new brick and concrete stair and a new permanent 80-foot ADA ramp. The project team includes Project Services staff Jim Keller and Chris Bentley and FP&C staff Sarita Herman and Steve Clark.
SUSTAINABILITY

FM Sustainability Council’s new members share how they strive to lead greener lives

The FM Sustainability Council — which was established in 2015 — is made up of 14 members across various FM departments. The council recently welcomed six new members who answered the following question: “How have you incorporated sustainability into your job/life?”

Elizabeth Campbell, HR&T Training Specialist: I’ve worked to convert paper forms into online platforms and continue to search for additional ways to utilize technology in an effort to reduce waste.

Sarita Herman (Co-Chair), FP&C Project Manager: I’m a big fan of the new filament-style LED bulbs and I’ve been promoting their use in historic light fixtures whenever possible.

Jamie Joyner, Newcomb Zone Manager: I’ve participated and organized stream cleanup efforts in order to help maintain these natural resources for the next generation. At work, my Newcomb Zone Maintenance team is striving to achieve Gold Green Workplace certification.

Marcus Klaton, Plumber Apprentice: I try my best to waste as little as possible by saving scrap pieces and using them first before cutting a fresh piece of material. I separate metal from trash no matter how small the piece may be.

Travis Mawyer, Landscape Supervisor Senior: I have been composting food scraps at home for a few years so it was an easy transition to start composting at work once the containers were provided.

Tanyia Moore, Housekeeping Zone Manager: I let my feet do the walking, which kills two birds with one stone: I’m saving gas/money and keeping the air clean by not driving. I’m also meeting my goal of 10,000 steps per day.

DIVERSITY

Girls Day registration opens March 15

FM will host its second annual Girls Day on Thursday, June 29 from 8 a.m.-3:30 p.m.

This year, all University of Virginia employees (not just FM staff) are invited to register girls between the ages of 12-18 to participate in various planned activities to show off our work. Participants may be any girl you know including a daughter, niece, sister, friend’s daughter, etc.

The event, which aims to increase interest and education in construction and the building trades among young women, will feature behind-the-scenes tours of renovation projects and work sites and hands-on activities with our tradespeople and contractors.

An email with a website link to register will be sent out to all FM personnel in the near future. Registration will take place on the following dates:

- March 15-April 15: FM employees
- April 1-15: All UVA employees

SAFETY

Workers’ Compensation claims now filed online

In order to best serve FM employees, FM Occupational Health and Safety in conjunction with University Human Resources has debuted a new online workers’ compensation/accident reporting system. The online form is accessible on the FM-OHS web page under Forms and also on the main FM website on the For FM Employees tab under Frequently Used Human Resources Forms. The direct website address is here: http://sp2013.fm.virginia.edu/workerscomp.

Immediately following the accident and/or receiving medical attention, the injured employee should complete and submit the form electronically by logging in with his/her computing ID. If an employee is unable to complete the report on their own, the supervisor can log in with their own ID and help the employee complete the form, but the injured employee must be present for this process.

After completing the Accident Report and the Panel of Physicians form, the submitted form will automatically go to the injured employee’s supervisor for review and completion of the supervisor portion of the form. Questions about this process can be directed to OHS at 297-6379 or fm-ohs@virginia.edu.
**RETIEMENTS**

Michael Crawford of Maintenance Central Shops retired January 1 after 43 years. Mike first joined FM as a roofer assistant and over the years moved up the ranks to his most recent position as roof manager. Mike performed inspections of roofs in addition to reviewing designs and regularly providing historical information about the many roofs on Grounds. He worked on re-roofing projects on the Lawn, such as uncovering slate tiles installed around 1830 (he is pictured with one of these tiles from the West Range). He even assisted with accommodating special University visitors, including placing paper over the Rotunda’s oculus to provide shade while Queen Elizabeth II dined in the Dome Room and escorting the Secret Service throughout the building’s attic spaces and roof during President George H.W. Bush’s visit in 1989. In his retirement, Mike plans to spend time with his family and enjoy outdoor activities.

Robert (Robbie/Hot Dog) Campbell of Central Grounds Maintenance retired January 1 after 38 years of service. Robbie worked as a carpenter, spending the majority of his career in the Cabinet Shop, eventually becoming the shop’s supervisor. For 30 years, he built cabinets, bookshelves, doors, windows and more, and often signed his name, the date and the day’s weather on the rear of certain installations. He then moved to the Central Grounds Zone where he worked on nearly every historic building at UVA. Robbie got his nickname “Hot Dog” early in his career after he thoroughly impressed a supervisor by completing a three-day project to install kitchen cabinets in Pavilion III in a record three and a half hours (at the time, “hot dog” referred to someone who showed off their outstanding skills). A total of $633 was collected in honor of Robbie’s retirement and donated to the UVA Children’s Hospital in memory of his son Chris, who passed away in 2003.

Stephanie Burnette of Human Resources & Training retired December 21 after 21 years with the University. Stephanie previously worked at the Thomas Jefferson Health Department for 14 years before she joined FM, working in the CFO office and human resources. In her most recent role in HR&T, she interfaced with employees on a department-wide basis as well as with UHR processing Rewards & Recognition awards, service awards, workers’ compensation and other employee files. Over the years, she often filled in at the front desk in the CFO office when needed, worked with UHR to streamline the workers’ comp online process, helped implement a new Rewards & Recognition program and spearheaded an effort to get all personnel files scanned into a centralized system.

James Goode of Custodial Services retired December 25 after almost 18 years of service. James served as a custodial services worker most recently in Bryant Hall, but spent many years as a floater serving various buildings including one of his favorites Campbell Hall. James was known for his positive attitude and willingness to train new employees with his extensive knowledge of Grounds. In his retirement, he plans to relax and will continue to work part-time for a contractor cleaning company on UVA Grounds.

**Best Wishes to FM Retirees**

Luther Dunnivan  
Trades Utility Senior Worker  
Housing Facilities  

Allison Pipkins  
Custodial Services Worker 3  
Custodial Services  

Sanafe Faye Hocker  
Housekeeping Lead Worker  
Custodial Services  

Melvin Toney  
Custodial Services Worker 2  
Custodial Services  

Apprentice recruitment dates set

Apprenticeship Program applications will be accepted on the Jobs@UVA website from Friday, March 31 until Friday, April 21 at 5 p.m.

Interested applicants may attend the Apprentice Job Fair set for Tuesday, April 4 from 9-11 a.m. at UVA’s Alumni Hall at 211 Emmet St. South.

The program has openings in the following trades this year: carpentry, electrical, HVAC and plumbing. For more information about the program and application process, visit the HR&T Apprenticeship Program website.
COMPLIMENTS FROM CUSTOMERS

To Peggy Napper, Sherwanda James, Cecelia Pomeh, Mary Taylor, Brandon Bailey, Judy Tangoulou, Roxie Kingston, Oretha Dweh, Freddy Ntamulenga & Wanda Hensley: Thank you for the hard work and dedication you have put into the Tuttle-Dunnington dorm in order to create a healthy, positive and clean environment. We appreciate the kindness and enthusiasm you show us every day and hope you know how thankful we are to have you. — Tuttle-Dunnington residents

To Jim O’Rourke & Dionte Simms: Jim recently swung by an office in the Physics Building to check on the lights. He and his helper, Dionte, noticed some CFLs were burned out and offered to replace them on the spot. Turns out the whole fixture was defective, but within 30 minutes they had completely replaced them with LED fixtures and had everything cleaned up and moved out. Normally, I only work with other FM employees who are always friendly, helpful and efficient, which I thought were limited to them as individuals. After getting the exact same treatment from these other two employees, I’m inclined to believe the entire department is doing something right, because every one of FM’s workers I’ve met are top-of-the-line problem solvers. Please thank them for providing the services they do, and being so pleasant and quick while they work between my and other researchers’ schedules. — Ryan Duve, Physics Department

To James Bledsoe & Norman Hughes: I just want to take a moment to write about Norman and James who take care of housekeeping in Skipwith Hall. They do a great job keeping our areas clean. What I am impressed with the most is that they both greet everyone every day when they see them and always smile. I can definitely tell they love their job. — Sathish Anabathula, Associate Director of Power & Light

To William Layne: On behalf of North Grounds and IM-Rec Sports, I wanted to commend one of your employees for his exceptional quality of service management and first-class support. William’s service-oriented work ethic and pride he takes in his workmanship make him a valuable member of the FM team and to UVA. It is clear that he is committed to not only the mission of Facilities Management but the overall mission of the University. I look forward to continuing this strong working relationship with William. — Chris Maslany, IM-Rec Sports

To Dave Roberts & the FM team: Please know that the A.N.G.E.L.S. Society wishes to recognize you for all that you are and do. We are awed by your profound dedication to those around you. We thank you for the community you create wherever you go, and we encourage you to continue to make a difference in whatever way you can. Be well and find joy in the little wonders that surround you wherever you may be. You are genuine and good, and the UVA community benefits everyday from your presence in it. Thank you for grounding yourself in compassion and reaching out to everyone you meet, extending a hand, and pulling them forward with joy in their steps. Never stop displaying your true greatness. — The A.N.G.E.L.S. Society

To Jamie Joyner & Shawn Ragland: Jamie and Shawn both have such a terrific approach to customer service and their efforts have not gone unnoticed. I meet with either Jamie or Shawn on a biweekly basis to discuss challenges at Peabody Hall, and they have encouraged me to reach out with our needs at any time to ensure our building is in tip-top shape. After all, we are the first face of UVA to prospective students (and their parents!). Recently Shawn initiated efforts with the Office of Sustainability to improve the temperatures in our building with what will likely be at little or no cost to our department. Jamie is always quick to respond to requests or provide updates without making me feel as if I am a bother. I have much to learn from his leadership techniques. I can’t say enough about how much the Office of Undergraduate Admission appreciates these two leaders. They work hard to make my job easier and are such an asset to your team! — Rhonda Douthit, Office of Undergraduate Admission

To Beatrice Namahirwe: I just want to thank you for cleaning the floor of my office in Pinn Hall. I know my floor is hard to keep clean because of the machines so I really appreciate it, you did a good job! — Julie Shumaker, Cell Biology Department

NOTED WITH REGRET

Paul Johnson, who was a plumber with Project Services, died December 25. Paul joined FM in October 2004.

Alton Morris II, who previously worked at Facilities Management as an HVAC Mechanic, died November 5.
EDUCATIONAL & PROFESSIONAL ACCOMPLISHMENTS

Career Path advancement

Human Resources & Training offers Career Path programs in Housekeeping, Recycling and Landscape, which includes four stages outlining information on the work skills, competencies, knowledge and experience needed for professional growth and advancement in that field. At the completion of each stage, an employee advances within their position without competing for a vacancy.

The following three custodial services workers were recently recognized for completing the Housekeeping Career Path.

Sherece Lindsay, who has been with FM for 10 years, currently works in Shea House. She found the Career Path classes to be both beneficial and enjoyable. “The Career Path is an opportunity to better yourself and move further in your career,” she said.

Mary Barbour, who has been with FM for seven years, currently works in Hereford and Gooch/Dillard. She found the class she completed on inspecting a building particularly useful to help her better understand a customer’s perspective.

Robin Martin, who has been with FM for 16 years, currently works in Dabney House. She enjoyed the computer classes she completed through the program and said she developed her leadership skills.

Across all Career Paths, the fall assessment period acknowledges 29 individuals who advanced to the next stage of the path. Congratulations to:


• **Recycling**: Khalid Fadheel, David Gorcica and Ronnie Herring, Jr.

• **Landscape**: Shawn Allen, Stephen Allen, Connor Graham, Robert Houle, Mario Lee, James Payton and Clinton Toney.

NEW HIRES, PROMOTIONS & TRANSFERS

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>Anthony Santana</td>
<td>HVAC Controls Tech., Automation Services</td>
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<tr>
<td>Jesse Kidd, Barry Miller Jr. &amp; Raleigh Roussos</td>
<td>Project Coordinators, FP&amp;C</td>
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<tr>
<td>Neil Shifflett</td>
<td>Fire Systems Asst. Technician, Fire Protection</td>
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<tr>
<td>Jason McNew</td>
<td>Utility Locator/Damage Prevention Tech., GES</td>
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<td>Palmer Jackson</td>
<td>Painter, HSPP</td>
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<td>Jesus (Chris) Ferrufino</td>
<td>Mason Plasterer, HSPP Zone 1</td>
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<tr>
<td>Bert Shifflett</td>
<td>HVAC Asst., HSPP Zone 3</td>
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<tr>
<td>George Dorman</td>
<td>Boiler Operator Asst., Heat Plant</td>
</tr>
<tr>
<td>Thomas Hockins</td>
<td>Boiler Operator, Heat Plant</td>
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<tr>
<td>Justin Maxey</td>
<td>Maintenance Tech., Heat Plant</td>
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<tr>
<td>Denis Morris</td>
<td>Maintenance Supervisor, Housing Facilities</td>
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<tr>
<td>Timothy Andrus, Travis Castellanos, Shereaka Dowell &amp; Daniel Thacker</td>
<td>Landscape &amp; Grounds Workers, Landscape</td>
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<tr>
<td>Dale Novotny</td>
<td>Landscape Supervisor, Landscape</td>
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<td>Justin Groome</td>
<td>Trades Utility Sr. Worker, North Grounds Zone</td>
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<td>Cecilia Hodges</td>
<td>Housekeeping Supervisor, North Grounds Zone</td>
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<td>Benjamin Maneno</td>
<td>Custodial Svs. Worker, North Grounds Zone</td>
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<tr>
<td>Freddy Ntamulenga</td>
<td>Custodial Svs. Worker, Housing Custodial</td>
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<tr>
<td>Brian Dodds</td>
<td>Cabinet Builder, Project Services</td>
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<tr>
<td>Stuart Fontaine</td>
<td>Cabinet Builder Supervisor, Project Services</td>
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<tr>
<td>James McDonald, Sean Ray &amp; Emery Wilder</td>
<td>Carpenters, Project Services</td>
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<tr>
<td>Matthew Herndon</td>
<td>Carpenter Lead, Project Services</td>
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<tr>
<td>Hans McInturff &amp; Matthew Pannell</td>
<td>Construction Project Managers, Project Services</td>
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<tr>
<td>Beth Bossinger</td>
<td>Project Services Draftsperson, Project Services</td>
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<td>Albert Augusto, Dennis Flint Jr. &amp; James Watkins</td>
<td>Masons, Project Services</td>
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<td>Glenn Tolbert</td>
<td>Mason Supervisor, Project Services</td>
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<tr>
<td>Garrett Wagner</td>
<td>Electrician Asst., Project Services</td>
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<td>Avery Wood</td>
<td>Trades Utility Worker, Project Services</td>
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<tr>
<td>Christine Alencar</td>
<td>Outreach &amp; Engmt. Specialist Green Labs, Sustainability</td>
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<tr>
<td>Andrew Pettit</td>
<td>Senior Data Analyst, Sustainability</td>
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<tr>
<td>Jeremy Katras</td>
<td>Web Asst., Technology &amp; Innovation</td>
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Leinen appointed to Va. Apprenticeship Council

FM Human Resources & Training Director Rebecca Leinen was recently appointed by Governor Terry McAuliffe to serve on the Virginia Apprenticeship Council.

The council consists of 11 members representing labor and management industries in addition to members from the Virginia Employment Commission, the Virginia Community College System and a local school division that provides apprenticeship related instruction.

The council establishes the standards for apprentice agreements and works with the Virginia Department of Labor and Industry which is responsible for administering the provisions of the Voluntary Apprenticeship Act.
FM STAFF CELEBRATES HOLIDAYS

Customer Service Manager Brenda Buttnar, top left, displays the 133 toys, two bicycles, two book bags and $820 donated to Charlottesville's annual Toy Lift by FM staff in conjunction with the Cardiovascular Research Center. FM employees enjoying the annual Shop Holiday Luncheon included, top row center from left, former Roof Manager Mike Crawford, Historic Mason Brent Ryder and Sheet Metal staff Paul Schools; Landscape & Grounds Worker Mark Thomas, Landscape Supervisor Senior Travis Mawyer, Trades Utility Senior Worker Ken Burchell, Electrician George Davis and Landscape & Grounds Workers Clinton Toney and Maggie Donohue; bottom row from left, HR Associate Crystal Smith, HR Assistant & Event Coordinator Adettra Thomas, former HR Assistant Stephanie Burnette and Training Specialist Elizabeth Campbell; Custodial Services Worker 2 Milton Mozie, Custodial Services Worker 2 Drew Dillard, Custodial Services Worker 3 James Bledsoe and Storekeeper Helper Phillip Cabell.

RICHARDSON HONORED WITH PATRIOT AWARD

FM Computer Systems Engineer Gary Richardson was recently recognized as a Patriotic Employer by the U.S. Office of the Secretary of Defense for supporting employee participation in America's national guard and reserve force. Gary received the award for the support and assistance he provided FM Network Analyst Miguel Faria (pictured far left), a company commander, as he got his unit mobilized for deployment. Miguel's A Company, 392nd Expeditionary Signal Battalion, which is based out of Fort Pickett, Va. and Fort Detrick, Md., deployed 86 soldiers across many countries overseas and has a total strength of 230. During a recent staff meeting, Employer Support of the Guard and Reserve Virginia Program Support Technician Jennifer McGuigan (center photo on right) surprised Gary (center photo on left) by presenting him with the award. Gary acknowledged that it was a group effort to prepare for Miguel's deployment and thanked his fellow coworkers for their assistance.

SAVE THE DATES

January 17-April 28: Hoo’s Well Fitness Challenge.
March 1: Faculty/Staff Undergrad Scholarship Deadline.
March 7: Staff Appreciation Breakfast, 7-9 a.m., Newcomb Hall.
March 10: Spring Break Holiday.
March 24 & 25: Tech Takeback event for recycling personal electronics. More info on ITS website.