Employee of the Quarter

Eric Walcott

Congratulations to Eric Walcott, Facilities Operations Zone 5, who was honored with the “Associate Vice Chancellor’s Employee of the Quarter” award for April - June 2011.

The Employee of the Quarter award is presented to an individual with exceptional performance above and beyond expected duties who exhibits outstanding customer service, demonstrates creativity, and initiative resulting in outstanding measurable outcomes during the quarter.

Eric received this award based on the nomination submission by Mike Burriello, former Central Operations Manager. The nomination stated, “After the second natural gas leak within three weeks for a hot water heater at Colvard South, Eric Walcott presented a suggestion to resolve the problem. The leak was apparently due to an underground steam leak, causing the natural gas pipe to weaken and leak. It was located next to the building allowing fumes to enter the building through the air handling system. Eric suggested that we eliminate the need for natural gas to the building and install an electric hot water heater instead. We already had a used one from a 2010 project in Cone and it would fit right into place. Thank you Eric for this ‘out-of-the-box’ thinking.”

Eric’s innovative thinking and initiative have earned him two promotions since being hired in May of 2006. He is a Plumber II.

In a brief interview with Eric, he stated he is grateful to be acknowledged by his peers. What he likes most about working at UNC Charlotte is working with his co-workers. This is evident as his skill and positive interaction with campus customers have also earned him and his co-workers team of excellence awards in Facilities Management’s awards program.

For example, Eric, along with Erik Boice, Dan O’Donnell, Sammy Moore (Zone 5) along with Pete Altman and Jim Gilberti (Zone 6) recently received a team award of excellence for their customer service in Fretwell.

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Here are a few of many accomplishments throughout our organization this year. THANKS to EVERYONE for a job well done!

ARCHITECTURAL PLANNING
- New employee, Nick Patel
- ARCHIBUS Space Planning module improved
- Kicked off ARCHIBUS Capital Renewal and Deferred Maintenance (CRDM) module with FIS, Capital, and campus
- As a university we were successful in getting Advanced Planning (AP) allocations even through these tough economic times. Only one or two other universities received AP money along with us.

CAPITAL PROJECTS
- Developed and implemented Annual Designer Symposium for communicating to design firms of our upcoming projects, process for being selected, introduction of FM staff
- Hired energy manager and continue to move performance contracting forward (ECMs that will give us paybacks)
- Projects started—Football (relocation of rec fields, SAC offices, stadium), Parking Deck H
- Projects completed—Residence Hall 9, Recreational Fields, Tennis Phase I, SAC Offices, Residence Halls Fire Protection, Scott/Holshouser Bridge

DESIGN SERVICES
- Changes in processes and ARCHIBUS for projects increased our efficiencies allowing us to complete 254 projects at $11.2 million
- Greater consistency of project development from start to finish by all Design Services team members
- Internal and external signage development that is code compliant including new ADA enactments and is at a higher level of quality, often at a better price
- Impressive improvements with campus mapping across the board. We are on the verge of something great!
- Parking ADA code compliance - master planning and implementation

FACILITIES BUSINESS OFFICE
- Ended fiscal year within budget
- Though more challenging than ever, successful year-end close-out (billing, payments, etc.)
- Successful completion of the performance appraisal process
- Survived implementation of 49er Mart

FACILITIES INFORMATION SYSTEMS
- Finalizing Space Management Reports
- Building Automation System Inventory and Systems Cleanup
- Finalized new Informal Project Management System
- Completed APPA resource reports for Housekeeping
- Completed Phase One of Key Management

FACILITIES OPERATIONS
- Hired Lee Snodgrass as Director
- Collaboration with FBO-HR resulted in the completion of the electrical training and development matrix and training lab

HOUSEKEEPING/RECYCLING
- Piloting the mini bin program and rolling it out to campus. This has had the added benefit of the whole housekeeping and recycling department being able to work together on a specific project of significance to both units.
- We hit 41% diversion rate for this past quarter and 2,000,000 pounds recycled for the 2010-2011 school year
- Housekeeping improved customer relations and level of satisfaction through follow ups with customers on call in work requests.

REAL ESTATE & LAND USE
- Completed Campus Master Plan
- Completed Greenhouse Gas Report
- Greater real estate involvement across campus divisions.
Congratulations to James Williams and Tony Williams, Facilities Operations Zone 6, who were honored with the “Associate Vice Chancellor’s Team of the Quarter” award.

This award is presented to a team with exceptional performance above and beyond expected duties; exhibits outstanding customer service with fellow workers, and the university staff; and demonstrates creativity and initiative that results in outstanding measurable outcomes during the quarter.

James and Tony helped Sara A. Gagne’, Geography & Earth Sciences, implement her green roof pilot project on the grounds of McEniry. Since early in the fall 2010 semester, James and Tony were instrumental in helping her to locate a site for the project, coordinate meetings with interested parties, and suggesting ways in which the green roof might best be built.

More recently, they built a wooden platform for the project on the grounds of McEniry to demonstrate green roof plants and materials. They both went over and above their duties in doing this. They helped Sara design the platform, suggested ways in which the design might be improved, and provided her with materials for the project. For example, they provided PVC tubing, cut to the appropriate size, to install in the platform for drainage. Tony even drilled tiny holes in the PVC to nail each tube to the platform and provided nails for Sara to do so. This green roof project would not be a reality without the participation of James and Tony. They were a pleasure to work with.

Stanley Trulove, Zone 6 Supervisor, stated the activity of assisting with a green roof is not something they would normally do. He added that James invested a lot of time finding the proper location for this project and Tony helped with implementing the project. Job well done!

David G. Smith, Zone 1 wins the Third Annual Safety Slogan Contest

Our new slogan is...

“Safety is No Accident”

The Prize?

Four passes to the US National Whitewater Center!
THE FOLLOWING TEAMS HAD NO ACCIDENTS APRIL - JUNE 2011

**Facilities Operations**
Automotive, High Voltage/Fire Alarms, Key Shop, Steam Plant, Zone 1, Zone 2, Zone 4, Zone 6, and Zone 7

**Housekeeping Areas**
Charlotte Research Institute, Colvard, Kennedy, Library, North, South, West, and Woodward

**FIRST SHIFT** - Pictured above left to right are: Mike Harris (Housekeeping North), Arzella McCain (Housekeeping South), Lewis Jackson (High Voltage/Fire Alarms), Randy Hudson (Steam Plant), Larry Lane (Automotive), Ronnie Bell (Key Shop), Steve Reis (Zone 4), Dee McFadden (Zone 1), Josh Hyatt (Zone 7), Lacy Brumley (Zone 2), and Bob Fitzgerald (Zone 6).

**SECOND and THIRD SHIFT** - Pictured above left to right are: Hamp Brown (Library), Subhash Pandya (Colvard), Tomasa Bonilla (Charlotte Research Institute), Elizabeth Browne (Friday), Marcus Brown (Kennedy), and Danica Pauler (Woodward). Not pictured - Housekeeping West
To view awards photos and read detailed descriptions of nominations, please visit our web site at:
http://facilities.uncc.edu/award_recipients.asp

**FRIENDLY REMINDER**

Compensatory time earned for the quarterly Employee Awards Program must be used within 90 days of receipt (by October 31, 2011). If you do not use it, you will lose it!

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**INDIVIDUAL AWARD FOR EXCELLENCE**
- Mike Harris (Housekeeping) pictured below
- Rhona Jackson (Business Office)

**TEAM AWARD FOR EXCELLENCE**
- Erik Boice, Dan O'Donnell, Sammy Moore, Eric Walcott (Zone 5), Pete Altman, Jim Gilberti (Zone 6)
- Paul Taylor, John Lattin, Tim Smith, Tom Guenther and Joe Coleman (Zone 1) Robert Braun (Zone 4), Pete Crainshaw (Zone 5)

**APPLAUSE CARD**
- Amanda Caudle, Design Services
- Cristhian Gonzales, Grounds
- Casi Shepardson, Architectural Planning

**Teams**
- Warren Monk, David Haigler, Anthony Thurmond, Matt Bliss, Jose’ Palacios, Dale Kroeze, Joey Cochran and Dennis Lubert (Grounds)
- Mark Neel, Calvin Buchanan, Robert Whisnant, Mike Jones, and Robert Braun (Zone 4)
- David Champion, Ray Dinello, Pam Duff, Nader Ibrahim, Donte Sims, and Shu Wang (FIS)

**PROMOTIONS**
- **Zone 3 - Center City Building**
  - Leon Baker, Maintenance Mechanic III
  - Steve Tillman, Supervisor
  - Samuel Tal lent, Maintenance Mechanic IV

- **Grounds**
  - Charlie Austin, Lead Worker
  - Jacob Taylor, Grounds Worker

**NEW HIRES**
- **Capital Projects**
  - Carl Thompson, Energy Analyst

- **Facilities Business Office**
  - Arnetta Maness-Battle, FM HR Manager

- **Grounds**
  - Zachary Cornwell, Grounds
I have a great story to tell about one of our fellow employees here at UNCC. It is about Samuel Moore of Zone 5 and it is a story of achievement that should inspire us all. But first, I want to tell a little about Mr. Moore and how he got to this point in his life.

Samuel was born in a city called Kenema in Sierra Leone, Africa. In 2003 Samuel moved to D.C. with his aunt and that is where he met his wife who is from Charlotte and they were married in 2005. Today he is a husband and father of two; he has a son named Jonah who is six years old as well as his five year old niece Samaria whom he adopted. Samuel has lived in Charlotte since 2005. He became an employee of UNC Charlotte in September 2005, working in housekeeping and shortly afterward, April of 2006, moved from there to the recycling unit. From the recycling he went to Facilities Operations Shop 14 as a maintenance mechanic in general services and in September 2010 his position was reclassified to Maintenance Mechanic Trade/Plumbing I. He continues to faithfully serve in this position in Zone 5.

Now, on to the big news for Mr. Moore! Since 2004, becoming an American citizen had been weighing heavily on his mind and he was determined to do something about this. So, in November of 2010, he put in his application for citizenship to our great country. On January 4, 2011 Samuel was brought in for fingerprinting, which is part of the process for citizenship, and shortly after that in March of the same year was granted an interview and given the written and oral exams on U.S. history; in which he aced by getting a perfect score of 100%! On April 27, 2011 Samuel was given the honor of being part of the swearing in process and is now an official citizen of this great country! He was honored here on campus back in June with a party on his behalf for his accomplishment and it was a great time had by all who attended.

Let’s all give Samuel Moore a great big pat on the back and wish him all the best in his future endeavors in life as a citizen of the United States of America!

Christy Case, Facilities Operations

"I have learned that success is to be measured not so much by the position that one has reached in life as by the obstacles which he has had to overcome while trying to succeed."

-- Booker T. Washington, Educator
Capital Projects

Capital would like to welcome its newest team member, Carl Thompson, who is joining us from Charlotte-Mecklenburg Schools. Carl will be serving as our Energy Analyst, under a full time, time-limited position funded by the American Recovery and Reinvestment Act (ARRA). Carl is married, has a daughter who resides in Georgia and he likes to play golf!

Despite this very long hot summer, we will be bringing several new facilities online:

**Residence Hall Phase 9**, a six story facility comprised of 1, 2, 3, bedroom suites and 4 bedroom apartments, 438 total beds, has been designated as LEED Silver and definitely adds another focal point along Cameron Blvd.

**Parking Deck H**, with 1162 spaces, will be available for Faculty/Staff/Student & Commuter parking, which should help reduce the temperatures in our parked vehicles significantly. No word yet on the fate of Parking Lot 26.

The **Northeast Recreational Field Complex**, pictured above is a multi-field, (with artificial turf), multi-use recreation facility, with field lights, a 1600sf restroom/storage building and 215 space parking lot, is ready for fall semester sports programs, and thanks to our grounds team, the entrance along John Kirk Drive looks great and appropriately reflects 49er pride.

The **Center City Classroom Building**, our 11 story, 143,000sf, LEED Gold facility, located on the corners of Brevard and Ninth Street in uptown Charlotte, will provide classroom and office space for the Belk College of Business, Architecture, Continuing Education and other departments. It will serve as the University gateway for the uptown community and provide an alternative venue for the University to hold events and functions. Definitely a “must” see!

The long awaited return of **Chick-Filet** (the largest revenue making vendor on campus) and the Post Office, to the newly renovated Prospector is finally here and the appealing redesign and lounging areas are guaranteed to make this a popular hangout! Check it out!!

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The Staff Council was established to create and provide a more harmonious working environment for the staff of the University of North Carolina at Charlotte. Each year the Staff Council hosts a variety of events including the Chili Cook-off and Fall Festival. They also sponsor the Faculty/Staff Textbook Loan Program, which allows eligible UNC Charlotte employees to borrow required textbooks from the Barnes & Noble at UNC Charlotte campus store for classes taken as part of the UNC Charlotte Tuition Waiver Program.

Being a member of the Staff Council is not all fun and games. Representatives are regularly asked to provide input to the Chancellor on issues that affect the entire UNC Charlotte staff family. Facilities Management has five staff members who represent us on the Council. If you have any ideas, suggestions or concerns, make contact with one of the following members.

**Marcia Henderson** (FBO), Mhende31@uncc.edu
Area 11 - Administration

**Michele Kohan** (Housekeeping), mkohan@uncc.edu
Area 12A - Housekeeping (day shift) and Recycling

**Katherine Humphries** (Housekeeping), khumphr9@uncc.edu
Area 12B - Housekeeping (night shift)

**Ronnie Bell** (Key Shop), rbell@uncc.edu
Area 15A - Facilities Operations
Zones 1-7, Central Operations, Motor Fleet & Ground

**Rocky Germani** (Zone 1), rgermani@uncc.edu
Area 15B - Facilities Operations
Zones 1-7, Central Operations, Motor Fleet & Grounds

Marcia Henderson, Facilities Business Office
We are anticipating the transition process for FM (Facilities Management) Workstations and Printers. The date of the transition changed from the end of August 2011 to an unknown date due to other priorities. However, we do want to report the transition to ITS Windows network is currently in the testing phase by ITS, and they will provide a detailed schedule soon. The actual transition will occur over several days and will require extensive patience on our behalf while the transition is in process. During the transition, all FM workstations will be transferred from the FM Windows network to the campus/ITS Windows network and all FM files will transfer from the FM share to the campus share.

The FM Workstation transition to the campus network will involve the following changes/updates:

- The NinerNET password will replace the current FM Windows password.
- As part of the transition, we will lose our current Windows profile and will have to reestablish a new profile.
- Our Windows profiles provide us the ability to keep all of our Windows settings including desktop picture and shortcuts, our Outlook and Word settings, Internet Explorer favorites and settings, etc.

The campus share drive is still being built, which means the files transition will be delayed until we are completely transitioned to the ITS windows network.

The ITS Desktop group is also looking at possibly making our transition to the campus Windows environment while keeping us on our current share drives. For this to occur as part of the FM workstations switch to the ITS windows network, we will have to switch the current share drives over to the campus Windows network also.

When the FM Workstation Share drive is transitioned to the campus share drive, we will incur the following changes:

- The current Share folder security will need to be reset with the new ITS Windows network groups and any special security setup currently on these share folders will have to be reapplied. For example, Department folders would have to be added to a new ITS Windows FM department security group.
- Multifunction Printers and Scanners will need to be re-setup on the new network.

As a reminder, the new FM workstations and printer transition will provide many advantages including Helpdesk support for all workstations and printers, easier system updates and software upgrades, and consistent backups along with the campus standards for our overall FM hardware.

If you have any questions, please contact our Facilities Information Systems personnel at http://facilities.uncc.edu/FIS/contacts.asp

Thank you all for your patience and support during this transition.

Pamela Duff, Facilities Information Systems
The Office Cleaning Program is under way! We are all helping this campus go **GREEN** and move toward Zero Waste!

Some exciting changes took place this summer and they happened right in your office. Each staff member is now doing his or her part to **GREEN** the campus. During the first week in August, Housekeeping gave everyone a mini wastebasket to replace his or her existing four-gallon office wastebasket. This mini bin hangs sidesaddle fashion on your existing blue desk side-recycling bin. All staff now brings their trash as well as their recyclables to the common area where they had already been depositing their recyclables. We have found this simple change has increased recycling 25% in every building on campus where it was tested. Also beginning in August, Housekeeping will clean offices only on Wednesday nights and will no longer empty office trash bins.

**THE ENTIRE UNC SYSTEM is moving toward ZERO WASTE**

During his tenure as president of the UNC system, Erskine Bowles set forth eight mandates for all campuses to work on. One of these eight mandates dealt with reducing the amount of waste generated through campus business activities; waste that subsequently has to be disposed of at a cost to the University system. Mr. Bowles’ mandate on reducing waste is titled, “**The University of North Carolina Sustainability Policy**” and was adopted on October 9, 2009. The mandate on zero waste reads as follows, “*Recycling and Waste Management.* The University shall develop policies and programs that work toward achieving zero waste."


**UNC CHARLOTTE studied it and moved toward ZERO WASTE**

In an effort to work toward achieving this mandate, FM Housekeeping and Recycling studied

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the handling of trash and recyclables in Academic buildings and implemented changes that will reduce waste and increase recycling.

A pilot study on the effect of removing trash receptacles from regular classrooms was run from August through December of 2009 in the Fretwell and Friday buildings. It was discovered that by not having trash receptacles in regular classrooms and by posting signage instructing students that the trash receptacles had been relocated next to the recycling bins, classroom recycling rates increased by 20-25%. The classroom pilot was approved for full implementation in January 2010.

As the pilot programs for removing classroom trash receptacles were nearing approval for full implementation, pilot studies were just beginning to determine if a similar concept would work in private offices. Our own Facilities Management building was first in line for participation. The office study began in November 2009. The Reese Administration building and the Foundation building joined the pilot study just a few months later with Grigg Hall and Atkins Library rounding out the field of study participants when they joined the pilot in October of 2010 and February of 2011 respectively. We are especially grateful to Reese, Foundation, Grigg Hall, and the Library for participating in our pilot survey.

The feasibility studies in the individual offices and cubicles continued through June 2011. On June 13, 2011, Chancellor Dubois and his cabinet approved implementation of the new office-cleaning program in all academic buildings.

During the month of July 2011, Facilities Management (FM) Housekeeping and Recycling representatives conducted educational presentations at each building cleaned by FM Housekeeping. The presentations reviewed the recycling and waste reduction benefits of the program along with the roles, responsibilities, and expectations of the office occupants, housekeepers, recycling technicians and administrative staff. Full implementation in all academic buildings will take place on August 10, 2011.

For more details on the program, please visit the FM Housekeeping web page at http://facilities.uncc.edu/Housekeeping/ or the FM Recycling web page at www.uncc.edu/recycling

Brian Guns, Housekeeping

They worked together to take out a chilled water pump so the vendor could pick it up for repair. The pump was returned the next day, and the men installed and realigned it the next day. By doing this, Facilities Operations was able to get the air conditioning back up and running within 48 hours.

Pictured below, Eric Walcott and Sammy Moore are enjoying the festivities at our 2011 staff picnic.
Design Services wrapped up Fiscal Year 2011 with its biggest results ever completing 246 projects for over $10.6 million. This compares to 205 projects in FY 2007 and $9.1 million in FY 2010.

Drew Averitt completed 50 projects; one project renovated the 5000 level in Colvard with carpet, paint and ceiling tile replacement. It was a complex project covering 25,000 square feet of office and classroom space. All furniture moved out, renovations completed and furniture moved back; all was accomplished in short order during winter break.

John Boal completed the campus wide pedestrian lighting project. Evaluating the service power conditions to the existing and new light locations was challenging. The project scope was to replace as many of the old top hat fixtures with the distinctive citadel fixtures.

Fred Brillante worked closely with Police and Public Safety, Risk Management and the Fire Department to coordinate campus wide installation of 44 Knox-Boxes. The boxes help ensure efficient response to campus emergencies by securing entrance keys and plan documents on the exterior of each building. This project was executed with the use of Zone technicians.
Steve Burt designed the new front entrance and conference space for the Office of the Registrar at King Building. The entrance now provides a more prominent, inviting service area for students and provides a higher level of staff security.

Amanda Caudle completed 44 projects totaling $1.6 million. A Reese Building fourth floor renovation project was complex having several phases to keep staff functional. Much of the work including carpeting, painting and furniture installation that was completed after hours and utilized weekends to minimize disruption.

Essa Dossary worked with Information and Technology Services to complete 13 IT closet upgrades campus wide at an average cost of $10,000. Each closet required detailed analysis of existing conditions, calculations for new power requirements, and State Construction Office review and approval.

Sam Hanna wrapped up the year with $1.4 million in renovation projects. The Hydro Science Lab move to Cameron Hall was an intense project; the equipment purchased by the Department did not meet State Codes. A third party was procured to field verify, test, and label each piece of equipment before the project could be inspected and approved for occupancy.

Kristie Honea, Design Services’ Office Manager and newest team member, turned disaster into success by first learning the functions of her new position in short order just to find out it all had to change with the introduction of 49er Mart. Kristie was able to first become comfortable with “change” and then to continuously find inventive ways, better ways, and even functional ways to solve many of the challenges of her new revamped position. Kristie’s efforts assured Design Services best year yet.

Cheryl Lansford’s primary focus was on furniture designs for Center City, EPIC and Motor sports; all three buildings will move into the installation phase in Fiscal Year 2012. Significant and unique furniture purchases occurred in FY 2011 for the first and third floors of Kennedy Building; installation will complete in July 2011. A complete office renovation for Stanley Wilder (University Librarian) took place in early FY 2011; including the removal of existing drywall to expose the original brick as an interior surface, replacing ceiling lights and tile, installing laminate flooring, and new furniture.

David Love completed a multitude of campus safety walk projects; one included the replacement of 8 older style E-Phones with new E-Phones. Another included one new E-Phone located far from existing infrastructure adding significant complexity to a seemingly simple project. Other safety projects included parking lot lighting upgrades.

Jeff Ross completed 34 projects for over $2.6 million. One project renovated 5 interior stairwells on all three levels of Smith Building; upgrading accessibility and emergency egress. Construction on the new exterior stair tower providing emergency egress from Smith Building third floor will wrap up late in July. All materials and features were designed to match the existing envelope.

Steve Terry revamped significant campus signage and restored many exterior building identification signs to provided a more cohesive look across campus. Colors, fonts and sizes were corrected while offering a cost savings by refurbishing existing signs versus purchasing new. Street identification was installed that did not exist before. Interior signage was installed at Smith, Fretwell, Friday and Reese all complying with accessibility standards in mounting locations, fonts and text heights.

Amanda Felock Caudle, Design Services
FM Training & Development Academy ~ Electrical Lab

On July 20, two things happened that will ultimately bring Facilities Management to even higher levels of employee training and customer satisfaction. The first initiative was the creation of the Developmental Matrix. The first area looked at was the electrician trade with subsequent areas to be completed in time. The “developmental matrix” tool will provide new and existing electricians with specific requirements to learn & grow in their trade.

Secondly, while developing the matrix we quickly realized the need for a dedicated space where training specific to UNC Charlotte electrical needs could take place. A suitable space for delivering this training was identified and through teamwork & collaboration from the matrix team the Electrical Lab was built. We were happy to have Beth Hardin, Vice Chancellor for Business Affairs, and Phil Jones, Associate Vice Chancellor for Facilities Management, with us for the ribbon cutting of the new lab on July 20.

Ask your supervisor for more information or contact Clyde Derberry, FM-HR, at extension 7-0544.

From above left to right: Mike Camp (Zone 4), Paul Taylor (Zone 1), David Smith (Zone 4), Chris McKinney (Zone 6), Doug Murdock (Zone 5), Bob Smith (Zone 2), John Garst (Zone 2), and Anthony Cresenzi (Zone 2)

Above left Phil Jones, Bob Smith, and Beth Hardin listen as Clyde Derberry explains the benefits of the training lab.

John Garst, pictured right, demonstrates the training simulation board for Beth Hardin, Phil Jones, and Doug Murdock.

Beth Hardin and Doug Murdock.
Major Chris Gilbert serves as Executive Officer of the 505th Engineer Combat Battalion (ECB). Under his direction and by his design, the 505th ECB contributed to the completion of the Military Operations in Urban Terrain (MOUT) site at the National Training Center (NTC), Ft Irwin, California is the largest in the Army’s Inventory.

Due to the success of this project, it was featured in a recent article in “Tarheel Guardsman” magazine. The following is an excerpt from the article which is about a training site that Chris master planned and designed between 2002 and 2005.

According to Mr. Bob Gumz of NTC’s G3 (Operations) Section, the newly completed, “National Urban Warfare Complex” or “Tiefort City” includes nearly 900 buildings, a road network, an adjacent Forward Operating Base (FOB), and modern telemetry intended to train an Army brigade. The 505th Engineer Combat Battalion, NCARNG, provided the Master Plan and early building designs for this important training site.

In November 2000, a concept paper was written with the purpose of presenting the requirements of “construction of Urban Operations (UO) training facilities at the National Training Center.” The paper notes that “To adapt to changing operational conditions and remain a vital combat training center for army forces in the 21st century, Ft Irwin must add the ability to train in Urban Operations to its inventory of training abilities.” The training strategy includes Force on Force Operations in a combined arms collective training facility (CACTF) for “rigorous Brigade sized operations.”

In February 2002, a three-man design cell from the 505th Engineers was sent to work on upcoming missions for the NTC G-3. The purpose of the mission was to provide designs for helipads and motor pools. This work was completed in a few days and the team requested an additional mission. The Assistant G3 produced the concept paper and asked the team to come up with an effective means of constructing a massive 4 Kilometer x 4 Kilometer MOUT site utilizing active and reserve component engineers as well as civilian contractors. This began a four-year involvement, which produced a master plan, programming documents, schematic designs of various buildings, and a design schedule.

The team’s master plan mimicked an actual small city; complete with Government, Agricultural, Business, Industrial, and Slum districts. Major buildings included a prison, hospital, factory, palace, train station, university, consulate, and an observation/AAR facility. Private contractors would construct these while active and reserve engineers would build much of the roadways and smaller buildings. The original estimate of probable costs was $38.5M with a scheduled completion date of 2010.

The 505th Team provided schematic designs for all the large buildings and more detailed designs for small buildings comprised of various (Continued on page 18)
Another hot summer is upon us. With many of Facilities Management’s staff braving the heat while working in temperatures above 90 and even 100 degrees as well as those enjoying a fun time in the park, backyard, or on vacation, it is important to be aware and cautious. Everyone is important to us. “Safety is No Accident”

~ ~ ~

Dehydration in Adults

Source: http://www.emedicinehealth.com/dehydration_in_adults/article_em.htm#

Dehydration is a condition that occurs when the loss of body fluids, mostly water, exceeds the amount that is taken in. With dehydration, more water is moving out of our cells and then out of our bodies than the amount of water we take in through drinking.

When we lose too much water, our bodies may become out of balance or dehydrated. Severe dehydration can lead to death.

Causes of Dehydration in Adults

Many conditions may cause rapid and continued fluid losses and lead to dehydration:
* Fever, heat exposure, and too much exercise
* Vomiting, diarrhea, and increased urination due to infection
* Diseases such as diabetes
* No access to safe drinking water
* Significant injuries to skin, such as burns or mouth sores, or severe skin diseases or infections (water is lost through the damaged skin)

When to Seek Medical Care

Call your doctor if the dehydrated person experiences any of the following:
* Increased or constant vomiting for more than a day
* Fever over 101°F
* Diarrhea for more than two days
* Weight loss
* Decreased urine production
* Confusion
* Weakness

Take the person to the hospital's emergency department if these situations occur:
* Fever higher than 103°F
* Confusion
* Lethargy
* Headache
* Seizures
* Difficulty breathing
* Chest or abdominal pains
* Fainting
* No urine in the last 12 hours

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Vital signs
Fever, increased heart rate, decreased blood pressure, and faster breathing are signs of potential dehydration and other illnesses.

Taking the pulse and blood pressure while the person is lying down and then after standing up for one minute can help determine the degree of dehydration. Normally, when you have been lying down and then stand up, there is a small drop in blood pressure for a few seconds. The heart rate speeds up, and blood pressure goes back to normal. However, when there is not enough fluid in the blood because of dehydration and the heart rate speeds up, not enough blood is getting to the brain. The brain senses this condition. The heart beats faster, and if you are dehydrated, you feel dizzy and faint after standing up.

Dehydration in Adults Treatment - Self-Care at Home
Try to get people who are dehydrated (even those who have been vomiting) to take in fluids in the following ways:
* Sip small amounts of water.
* Drink carbohydrate/electrolyte-containing drinks. Good choices are sports drinks such as Gatorade or prepared replacement solutions (Pedialyte is one example).
* Suck on popsicles made from juices and sports drinks.
* Suck on ice chips.
* Sip through a straw.

Try to cool the person, if there has been heat exposure or if the person has an elevated temperature, in the following ways:
* Remove any excess clothing and loosen other clothing.
* Air-conditioned areas are best for helping return body temperatures to normal.
* If air conditioning is not available, increase cooling by evaporation by placing the person near fans or in the shade, if outside. Place a wet towel around the person.
* If available, use a spray bottle or misters to spray luke-warm water on exposed skin surfaces to help with cooling by evaporation.
* Avoid exposing skin to excessive cold, such as ice packs or ice water. This can cause the blood vessels in the skin to constrict and will decrease rather than increase heat loss.

Prevention
The foremost treatment for dehydration is prevention. Anticipate the need for increased fluid intake.
* Plan ahead. Take extra water to all outdoor events and work where increased sweating, activity, and heat stress will increase fluid losses. Encourage athletes and outdoor workers to replace fluids at a rate that equals the loss.
* Avoid exercise and exposure during high heat index days. Plan events that must occur outside during times when temperatures are cooler.
* Avoid alcohol consumption, especially when it is very hot, because alcohol increases water loss and impairs your ability to sense early signs associated with dehydration.
* Wear light-colored and loose-fitting clothing if you must be outdoors when it is hot outside. To cool yourself, carry a personal fan or Mister.
* Break up your exposure to hot temperatures. Find air-conditioned or shady areas and allow yourself to cool between exposures. Taking someone into a cooled area for even a couple of hours each day will help prevent the cumulative effects of high heat exposure.

Outlook
When dehydration is treated and the underlying cause identified, you will recover normally. Dehydration caused by heat exposure, too much exercise, or decreased water intake is generally easy to manage, and the outcome is excellent.

Have a safe and a healthy summer!
Relocation of Recreation Fields 8 & 9 from the CRI campus for expansion of Recreation Fields 4 & 5 (new sod) and 6 (artificial turf for football practice) is ongoing. Just look for the field lights, earth movers and clouds of dust, you can’t miss them!

Meanwhile on the CRI campus, construction continues on the Motor Sports II Building (Oct 2011 completion), the Energy Production Infrastructure Center (EPIC) which is scheduled for February 2012 completion, and Parking Deck I (near EPIC) that will provide 1347 spaces (Jul 2012 completion). Site work is finally underway on the Football Complex and sorrowfully with the loss of “several trees”; one has a better feel for the enormity of this project. Want to follow the construction process, from countdown to kick-off, August 31, 2013? Just view the Live Stadium Webcam at http://www.charlotte49ers.com/.

Dorothy Vick, Capital Projects

In 2005, while at the MOB station at FT Dix, NJ, the 505th Engineers continued its MOUT construction efforts by designing and building several structures for the “Balad” MOUT site. Since returning from Iraq in 2006, the 505th has used its expertise to plan and begin construction of a MOUT site at the Camp Butner Training Site (CBTS). While tiny in comparison with Tiefort City, the CBTS MOUT site has increased the training potential of the facility. The master plan, designs, and early construction work conducted by the 505th provides a road map for the future training areas at CBTS.

The 505th ECB played an important role in the conceptualization and design of the Tiefort City MOUT site. This project will be a critical element in future NTC training rotations and adds realism and complexity to training. Lessons learned from the work there continue to add training value to the NC Army National Guard.
Happy Birthday

8/2  Leona Baker–Davis  Housekeeping  9/20  Donald Teate  Zone 6
8/3  Terry Robinson  Housekeeping  9/20  Shirley Brown  Housekeeping
8/7  Leon Baker  Housekeeping  9/20  Anthony Cresenzi  Zone 2
8/8  Pat Smith  Recycling  9/21  Ken Starcher  Steam Plant
8/9  Subhash Pandya  Housekeeping  9/22  James Mechem  Steam Plant
8/10  Courtney Sherman–Coke  Automotive  9/22  Dale Kroeze  Grounds
8/10  Ray Dinello  FIS  9/23  Jerome Crawford  Automotive
8/10  Hashime Wright  Housekeeping  9/24  Macien Jean–Gilles  Housekeeping
8/11  David Williams  Zone 5  9/25  John Boal  Design
8/12  Joe Coleman  Zone 5  9/26  Devin Hatley  Recycling
8/13  Charlie Austin  Grounds  9/27  Lewis Jackson  High Voltage
8/15  Arnulfo Argueta  Grounds  9/30  Tom Eudy  Grounds
8/16  Jacob Taylor  FIS  10/1  Radmila Pavlovic  Housekeeping
8/16  Dionte Sims  Housekeeping  10/2  John Lattin  Zone 1
8/17  Virgie Fewell  Housekeeping  10/3  Brian Guns  Housekeeping
8/18  James Brown  Housekeeping  10/3  William Clark  Steam Plant
8/18  Diana Parks  Housekeeping  10/5  Chip Lawrence  Grounds
8/19  Mae Harris  Housekeeping  10/6  Sam Moore  Zone 5
8/19  Alexander Guion  Grounds  10/7  Dan Barrier  Grounds
8/20  David Champion  FIS  10/7  Anthony Thomas  Housekeeping
8/21  Jennifer Evans  Capital  10/7  Jon Canapino  Grounds
8/22  Jorge Nuno  Housekeeping  10/7  Chris Gilbert  Architectural Planning
8/26  Joseph Nowinski  Zone 4  10/9  Steve Terry  Design
8/30  Pershell Leak  Housekeeping  10/10  Chikina Barden  Housekeeping
8/31  Lucille Jordan  Housekeeping  10/11  Deborah Deese  Housekeeping
9/2  Elizabeth Haddock  FBO–HR  10/11  Phil Jones  AVC Office
9/2  Lee Allsbrook  Housekeeping  10/13  Brian Kugler  Capital
9/6  Tomasa Bonilla  Housekeeping  10/15  David Weimer  Zone 4
9/6  Franjo Pauler  Housekeeping  10/15  Waide Redwood  Housekeeping
9/7  Lanny Caudle  Grounds  10/17  Reginald Caldwell  Zone 7
9/7  Craig Fox  Capital  10/21  James Williams  Zone 6
9/8  James Manley  High Voltage  10/23  Chris Shores  Zone 5
9/8  Mary Chavez  Housekeeping  10/24  Lillie McDuffie  Housekeeping
9/9  Marijan Pavlovic  Housekeeping  10/25  Kenny Leazer  Zone 5
9/10  Clyde Derberry  FBO–HR  10/25  Sara Brooks  Housekeeping
9/12  Pete Altman  Zone 6  10/25  Dawn Johnson  Housekeeping
9/13  Patricia Teal  Zone 5  10/26  Casi Shepardson  Planning
9/14  David True  Zone 6  10/26  Reginald Fils–Aime  Housekeeping
9/19  Ollabell Stafford  Housekeeping  10/26  Rick Ellis  Capital
9/20  Joann Pearson  Housekeeping  10/27  Marcos Torres  Housekeeping
Dear Facilities Team,

Wow!

Facilities Management just competed one of the most dynamic, hectic, and challenging fiscal years ever. I am impressed with and proud of our Team’s many accomplishments over the past 12 months. Many of those accomplishments are described in this Newsletter, so I won’t try to enumerate them here. I’ll just say Thank You for making UNC Charlotte a better place to live, work, and learn through your efforts.

As challenging as last fiscal year was, the next 12 to 24 months promises to be no less demanding. We face reduced budgets and a loss of multiple vacant positions. The silver lining is that once again, we able to survive the budget reductions without laying anyone off. By this time next year, we will have taken on new missions of operating and maintaining the Center City Building, EPIC, Parking Decks H and I, Residence Hall IX, Motorsports II, Intercollegiate Tennis and the Football Complex.

Construction on PORTAL, Residence Hall X, Energy Performance contract and South Village will have begun. The South Village projects will dramatically reshape the face of the southern part of our campus. These projects include Residence Hall XI, new South Village Dining Hall, realignment of High Rise Road, Parking Deck J, and Regional Utility Plant #4. The mix includes three design teams, four contractors, 2,000 students, and an operational residence dining hall all in a very small area.

Put your seat belts on – the next 2 years will be fast and furious! We will need every ounce of teamwork and continuous improvement we can muster. I am confident you are up to the task.

Continue having a wonderful summer!

Philip M. Jones
Associate Vice Chancellor for Facilities Management