Goodbye summer 2016; that went fast! Students and faculty have repopulated our campuses and the fall semester has begun.

This summer, our facilities group completed a number of major projects, which add to our housing capacity, upgrade classrooms to accommodate ever-demanding “smart” technology, and restored some of our older, historically relevant properties.

The brand new College Avenue Apartments on College Avenue and Hamilton Street yields 442 new student beds, as well as nine retail establishments. The development has become known as “The Yard” because it features a lawn area and an outdoor 350 square foot, high-definition video board.

Also on College Avenue, we completed a $3.9 million roof replacement of the College Avenue Gym. Its new slate roof will add years of life to this 1932 structure.

In Camden, the Alumni House, which is in the historic Cooper Street district was completely renovated and counts among a number of historic buildings in that district that have been preserved through renovation. That’s just a small sample of work done by University Facilities this summer.

If you see our campus police Deputy Chief, Lt. Michael Rein make sure you congratulate him on completing the 10 week, advanced training FBI National Academy course. Participants have to be extraordinarily fit, both mentally and physically to complete that course. Great job, Deputy Chief Rein.

I was truly pleased to hear that several staff members arranged to take a vacation day to go on a group fishing trip. It shows a high level of camaraderie, and I am told it was a day of fun and fishing, but also time to “talk shop” in a more casual atmosphere. That’s a great way to get things done!

Finally, congratulations to Seth Richter who put Rutgers on the world stage with his presentation about stormwater management at a conference held in Beijing, China. Seth was truly a catalyst for sharing our New Brunswick stormwater management expertise with the world.

I am looking forward to a productive fall semester. Our new division is already leaving a lasting mark on the university, and we will continue to be a driving force in its overall growth.

Antonio Calcado

Rutgers Shines at China Conference

“Rutgers sustainable efforts are well ahead of the curve,” is Seth Richter’s conclusion after attending and speaking at the 2016 International Low Impact Development Conference held in China.

“This was a very high profile event for Rutgers, and people from all over the world attended; I was really taken by the interest in our stormwater management presentation,” said the Senior Facilities Project Specialist.

The invitation to the conference came about when a delegation from China visited the Rutgers campus last year. “We had just finished the stormwater master plan, and the delegation was very interested in our stormwater management processes,” Richter said. As a result of that visit, Richter, along with Guo (George) Qizhong, a faculty member for the Rutgers School of Engineering, were invited to attend the China conference and present a peer reviewed technical paper.

(Continued on page 2.)
Rutgers shines at China conference

(Continued from page 1.)

Low Impact Development is considered an ecologically sound and sustainable approach to stormwater management, especially in urban areas where stormwater runoff may cause frequent flooding. As cities and towns grow and modernize and try to provide a sufficient and clean supply of water to the population, stormwater management and low impact development have gained worldwide attention. The natural environment benefits greatly from proper stormwater management, as well.

At Rutgers, stormwater management has become a part of the construction planning process. Over the past four decades of unprecedented growth, Rutgers has created innovative physical spaces on its campuses while treating and managing stormwater within the natural landscape. The approach embraces the many natural resources available on Rutgers campuses, and the results were on display in China.

Many conference presenters had an academic background. Richter’s paper, Low Impact Stormwater Management Development at Rutgers University, was not purely academic, and as a result garnered real interest.

“We approach stormwater management from both the academic and business side because when done right, it saves money,” Richter said. “The Livingston campus is completely sustainable. Many people look at stormwater as an afterthought. We don’t approach it that way. It’s part of the overall planning.”

Richter explained that the Rutgers model is to create “regional” stormwater systems that have three or four buildings within the system. Other facilities often have only one system per building. In a regional system, the addition of another building would require a single pipe to tie into the existing system. The environmental impact of new construction on campus is thus greatly reduced. The approach at Rutgers is noteworthy for its innovation.

The conference drew some 500 attendees from all over the world. “Every morning there was a different keynote speaker. It was the who’s who of the stormwater field,” Richter said. “For me, it was an honor to learn and meet with these experts who I did papers on in graduate school.”

Richter concluded, “While it was great to see what others are doing regarding stormwater management, it was really satisfying to see just how far ahead Rutgers is.”

There was a little time for sightseeing before departing Beijing. Above right is the Terracotta Army one of the most significant archeological excavations of the 20th century, and below right is Beijing’s Summer Palace.

Seth Richter takes questions from conference attendees.

INSIDE is a newsletter for the employees of Institutional Planning and Operations.

If your department has news you would like to share for inclusion in the newsletter, please contact Elizabeth C. Crann
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Fit for Duty
Rein Completes FBI Academy

Deputy Chief of University Police, Michael J. Rein is fit... really fit. In fact, he is both physically and mentally fit having recently completed the 264th Session of the FBI National Academy. Known for its academic excellence, the FBI National Academy Program offers 10 weeks of advanced investigative, management, and fitness training for selected officers having proven records as professionals within their agencies. Its mission is “to support, promote, and enhance the personal and professional development of law enforcement leaders by preparing them for complex, dynamic, and contemporary challenges through innovative techniques, facilitating excellence in education and research, and forging partnerships throughout the world.” Officers participate in a wide range of leadership and specialized training, where they share ideas, techniques, and experiences with each other, creating lifelong partnerships that transcend state and national borders.

Participation is by invitation only, through a rigorous nomination process. Training for the program is provided by the FBI Academy instructional staff, Special Agents, and other staff members holding advanced degrees many of whom are recognized internationally in their fields of expertise. Following graduation, each officer has the opportunity to join the FBI National Academy Associates, Inc., a dynamic organization of more than 16,000 law enforcement professionals who actively work to continue developing higher levels of competency, cooperation, and integrity across the law enforcement community.

This milestone puts Deputy Chief Rein in an elite group of only about 49,898 graduates now representing the FBI National Academy since its inception in July 1935. Of this number, approximately 17,000 are still active in law enforcement work. This milestone makes Deputy Chief Rein the eighth member of the Rutgers University Police Department to complete the training, following in the footsteps of Captain Wyzykowski (1974); Deputy Chief Bottomly (1981); Chief Murphy (1990); Chief Still (1991); Deputy Chief Giordano (1994); Chief Rhonda Harris (2008) and Chief Kenneth Cop (2013).

“It’s a high intensity program which teaches leadership and modern management principles,” Rein said. Rein also completed the optional physical challenge known as the Yellow Brick Road. Participants must run 6.1 miles over a grueling hilly, wooded trail built by the Marines Corps. Along the way participants climb over walls, run through creeks, jump through simulated windows, scale rock faces with ropes, crawl under barbed wire in muddy water, maneuver across a cargo net, and those are just some of the challenges. Rein expressed his gratitude to Chief Cop, as well as his wife and three children, for allowing him to take part in this once in a lifetime opportunity.

Rein, in his 17th year with University Public Safety, also received his graduate and undergraduate degrees from the university. He has completed other law enforcement leadership courses including the New Jersey State Chiefs of Police Command & Leadership Academy and the Federal Bureau of Investigation’s Law Enforcement Executive Development Seminar.

As Deputy Chief, Rein is responsible for the Police Department’s Professional Standards Division, overseeing Internal Affairs, the University’s Shared Services 9-1-1 communications center, department-wide training, as well as Public Safety Security Technologies. When asked to identify a challenge in university (Continued on page 7.)
"Roofing-it" this Summer at the College Avenue Gymnasium
Major Facelift for 1930s Building

On the site of an historic sporting event, and at the heart of the College Avenue Campus, the iconic College Avenue Gymnasium has undergone an eight month-long restoration of its upper reaches, and is now sporting new slate and membrane roofs, copper gutters and flashing, and new trim work. This project is timely, as the Gym is slated to become a focal point of a redeveloped College Avenue Campus, sitting at the head of a quad of new buildings stretching to the Raritan River.

On November 6, 1869, when the site on which the gym now stands was a privately owned lot known as College Field, Rutgers and Princeton played the very first game of intercollegiate football. Two teams of 25 men each and about 100 spectators gathered for the event, which was the result of a building and intense rivalry between the two colleges, situated just 20 miles apart. Rutgers was hoping to even things up after its baseball team suffered an embarrassing 40-2 loss to Princeton. Rutgers won the game 6-4.

The 1893 Robert F. Ballantine Gymnasium, which stood near the present-day site of the Zimmerli Art Museum, was destroyed by fire on January 7, 1930. Because it housed the Reserve Officers Training Corp, the fire was particularly difficult to extinguish due to exploding munitions stored there.

Two years later, on January 5, 1932, a brand new $800,000 gym opened on the College Field site. Alumnus, athlete, actor, and singer Paul Robeson gave a concert for some 2,500 people. Just two months later, on March 4, the Rutgers basketball team would defeat rival Princeton, 28-26, in a game that marked the formal dedication of the new building.

Fast forward to 2015 and the building was showing signs of wear and needed a major reroofing, including the replacement of the original slate roof and copper gutters.

"Slate lasts about 80 years," said David O’Brien, Senior Facilities Project Specialist, who, along with Mark Kinn-Gurzo (a former Rutgers Project Manager), David Nelson, Director of Design and Construction Technology, and Joe Paternoster, Senior Facilities Project Specialist, spent almost a year working with roofing consultant/architect Hatch Mott MacDonald (now Mott MacDonald) planning and preparing designs for the job. The project cost just under $3 million, and was completed in mid-August. "The dollar value of this project makes it the largest roofing project we have done during my time at Rutgers," Nelson said.

Original slate on the pitched portions of the roof was replaced with Dover 98 Blue Black slate from Vermont Slate Company. The center of the roof, as seen from the street, is likely to house mechanical equipment, but the roof received a fully adhered EPDM (rubber) roof. An old, leaking skylight over the dance studio was replaced with new aluminum framing and insulating glass.

In addition to the new gutters were replaced was a portion of the painted wood trim work. "We had fiber-glass reinforced plastic cornice and rake trim," said O’Brien. "Decorative railings on the roof, some of which blew off during Hurricane Sandy, have also been replaced. New steel lintels were installed above the second floor windows along the back of the building, above the pool area," he explained.

The contractor, Bregenzer Bros., is almost as historic as the building. The family firm, founded in 1919, specializes in slate, copper and masonry. The current, and third generation owner, Mike Bregenzer, can be seen hands-on at the work site. He reroofed the gym annex with his crew right through the winter months. The employees are full time, as opposed to seasonal, and in inclement weather can be found in the company shop prefabricating materials for the job.

Bregenzer and his brother, Bill, started working in the family business at about 14 years of age. "It never occurred to me not to be doing this," Bregenzer said. "Working for Rutgers is great. Everyone is professional and they know their stuff." Bregenzer recycles the old slate, which is ground and used for paving and other construction. The old copper is also recycled, melted down and formed into sheets for resale.

With the project complete, the College Avenue Gym is ready for another debut!
Original slate on the pitched portions of the roof was replaced with new Dover 98 Blue Black slate from Vermont Slate Company. The center of the roof, which cannot be seen from the street, is a flat portion which houses mechanical equipment. That area of the roof received a fully adhered EPDM (rubber) roof. An old, leaking skylight over the dance studio was replaced with new aluminum framing and insulating glass.

In addition to the roof, which includes copper snow guards, copper gutters were replaced, as was a portion of the painted wood trim work. “We used fiber-glass reinforced plastic cornice and rake trim,” said O’Brien. Decorative railings on the roof, some of which blew off during Hurricane Sandy, have also been replaced with maintenance-free cellular PVC, and any crumbling or worn brick was replaced. Brick above newly roofed areas has been entirely repointed.

New steel lintels were installed over second floor windows along the back of the building, above the pool area,” he explained.

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With the project completed, the College Avenue Gym is ready for an other debut!

Topping off Ceremony in Newark

A topping off ceremony was held in Newark for the new Life Sciences building. “Topping Off” or Topping Out” is a construction industry tradition in which the final piece of steel is hoisted into place indicating the completion of the first milestone of a project. The last beam is painted white and signed by all the workers.

When complete, the 87,000 gsf Life Sciences Center will physically link existing facilities and be occupied by the Biology, Chemistry and Neuroscience departments.

Pictured below, the final beam is hoisted into place. The center picture shows the Rutgers project team, left to right: Matthew Schott, Senior Facilities Project Manager; Nicholas Fabbroni, Interim Assistant Vice President Project Services; Mirela Ngjela, Associate Dean, Budget and Administration, Faculty of Arts and Sciences; Kirsten VanMeenan, Assistant Dean Sponsored Programs, Faculty of Arts and Sciences; Yelena Schroeder, Business Manager; Phil Huskey, Faculty; Thomas Boland, Director, Facilities Project Services. The last picture shows the painted, signed beam.

“It was great to see significant progress on this very important Newark Campus Capital Project. It was a beautiful day and you could tell by the smiles, while signing and hoisting the beam, the workers were proud of their accomplishment,” Fabbroni remarked.

Crumbling and worn brick was replaced as part of an exterior facelift for the gym.

The gym annex also recived a new roof and snow guards.
Kudos for Special Events Staff

Rutgers–New Brunswick hosted the 2016 Conference of the International Association for College Admissions Counseling from July 11 - 14. Our Special Events staff received a heartfelt thanks from Tania Castaneda who coordinated the conference.

In an email to Maruxa McDonald, who oversees Special Events, Castaneda said, “I wanted to extend my personal thanks and gratitude to you and your team for your incredible contribution to last week’s International ACAC Conference. Thank you so very much for your commitment to our planning committee, and ensuring that both infrastructure and aesthetics of our campus were at their very best. People were so impressed with the condition of our campus, how everything operated, and they will continue to talk enthusiastically for a long time about how our grounds folks were out cheering on the 5K participants so early in the morning! It’s these touches, small and large, that allowed us to create the kind of impression and impact for Rutgers that will influence students’ and families’ all over the world to choose us.”

They are at it again!
Our employees are doing a great job and getting heaps of praise

Rona Lehtonen, Associate Director, Camden campus received this email from a very happy customer!

Dear Rona,

Hello! It’s me, Edward. I meet with you and Chris once a month along with Kate to discuss Science building progress. I just wanted to take a moment to thank facilities for all of the work they have done for me these past few months. Everyone has been wonderful.

I especially want to mention Irene and Nick who never get tired of me calling. John the electrician who has been absolutely amazing. Roger the A/C guy - one of the nicest people I have worked with. He is truly a wonderful example of excellent customer service. The locksmith guy - I just met him yesterday, I think his name is Mike or Mark. He was so nice and professional. Oh and then there is Chip! He’s great!

Steve and Chris have been great also - really great facilitators. I have seen first hand some of the difficulties encountered by your team. I know their job is not easy especially also when you’re short staffed!!

For conclusion, I am very grateful for everything Facilities has done for me and my department and I am committed to doing everything possible to ensure that your experiences with me/ Dept of Biology continue to grow into wonderful experiences. Thank you Rona for all of your efforts. I am very grateful.

Edward :)

Camden Chancellor Announces Winners of 2016 Award for Staff Excellence
Facilities Management Team Selected

Each year, Phoebe Haddon, Chancellor, Rutgers University--Camden, honors the professionalism of Camden campus employees with the Chancellor’s Awards for Staff Excellence in Service. There are individual and team awards.

This year, six of our Facilities Operations and Service Management employees won the Team Awards. The team members are from left, Lori Silverman, Foreperson, Custodial Services; Robert Brant, Foreperson, Grounds; Chancellor Haddon; Christopher Small, Operations Area Manager; Shari Wakely, Business Manager III; Maurice Cotton, Foreperson, Custodial Services.

The group attended a celebratory luncheon with the other honorees sponsored by the Chancellor. Congratulations team!
Tillery Promoted to Facility Manager

Gloria Tillery who recently attained her Gold Seal Boiler operator license has been promoted to Facility Manager, of the RBHS co-generation plant in Newark.

Tillery started in the Power Plant in 1995 as a secretary. She came to know the business well and was encouraged by her supervisor to get her operator’s licenses. She received her black, blue, red seals and finally the gold.

Most recently, Tillery attended a Leadership Conference for Women in Energy held in San Antonia, TX. “It was a wonderful experience,” Tillery said. “It made me more confident and provided very useful suggestions about how to be more efficient on the job.”

“Gloria has been an exemplary employee,” said Ted Elonis, Director Plants and Distribution. “We congratulate her on her promotion and know her dedication to the co-gen will continue.”

Never one to shy from expanding knowledge, Tillery is now learning more about motors and the different lubricants that are used on various machines. “I just want to keep learning and doing more around the plant,” she said.

Tony Sharo Attains NFPA Certification

Congratulations to Rutgers-Newark Area Operations Manager, Tony Sharo, who became a Certified Sprinkler Inspection, Testing and Maintenance Specialist. The certification for facilities managers through the National Fire Protection Association (NFPA) was based on a new set of guidelines, which Sharo also helped to update.

“The NFPA asked for volunteers to develop the new certification,” Sharo explained, “and I responded.”

Through a series of assignments and conference calls over a four month period, a revised set of guidelines and new exam questions were written and approved. The NFPA said in a letter to Sharo, “We appreciate the time you spent over the last few months, on conference calls, developing the exam blueprint, writing the exam items, and other activities that enabled the NFPA to produce this new exam and certification program.”

Sharo was also certified under the new program and will be retested every three years.

Fit for Duty (Continued from Page 3.)

policing, Rein pointed to the annual population change. “We have a very dynamic population,” Rein explained. “About 19 percent of our population leaves each year, so we are constantly readdressing issues.” Technology also poses challenges. “We have to be on top of technology,” Rein emphasized. “We are rolling out body cameras for an increased level of transparency and we are upgrading our 9-1-1 system so that our dispatchers receive an increased degree of information.”

Rein explained that in the past, it was difficult to ascertain the exact location of a caller beyond rudimentary caller ID. Newer technologies now allow for a closer proximity to the location of the caller. Another advancement is the ability to send text messages to a dispatcher. “This is great in a situation where the person cannot make a call or does not want to be heard making a call,” Rein explained. “We will soon have the ability to receive pictures and videos, from callers, in real time. The technology is always changing and we have to evolve along with it.”

In October, Deputy Chief Rein will receive the 40 Under 40 award from the International Association of Chiefs of Police (IACP). The 40 Under 40 Award was developed to recognize 40 law enforcement professionals under the age of 40 from around the world who demonstrate leadership and exemplify commitment to their profession. “These 40 law enforcement professionals encompass an outstanding group,” said IACP President Terrence M. Cunningham, Chief of the Wellesley, Massachusetts, Police Department. “Each one of these individuals was chosen for their commitment to their agencies, their communities and strengthening the law enforcement profession. It is truly an honor to recognize these men and women for their service and the many accomplishments they have achieved so early in their professional careers.”

Congratulations Deputy Chief Rein on these accomplishments!
Retail Plaza News  kite+key, the Rutgers Tech Store
Now Offers University Computer Repair Services

kite+key, the Rutgers Tech Store and has announced the transition of computer repair services from Office of Information Technology (OIT) to kite+key.

The computer repair services allows kite+key to offer a more comprehensive suite of services bundled with equipment purchases.

kite+key offers in and out of warranty repairs for institutional and personally owned technology. Repairs are available for Apple, Lenovo, Dell, Asus, HP, and Microsoft. For additional information please visit our website at https://kiteandkey.rutgers.edu/service-center/.

kite+key is owned and operated by Rutgers University, Institutional Planning and Operations Division. kite+key carries a full line of brand name technology at exclusive educational pricing.

In addition to computer repair, kite+key also offers the following services: Trade-in, Appy Hours, iPhone/iPad Cracked Screen Repair, Accidental Damage and Warranty Protection, Apple Care, Apple Care +, and financing through the Rutgers Federal Credit Union (RFCU). Shop in store or online, kiteandkey.rutgers.edu.

Contact kite+key computer repair at 848-445-5000, email them at kkrepair@rutgers.edu or stop in, 55 Rockafeller Road, in the Plaza at Livingston Campus.

Gone fishin’
Several IPO Division employees took a vacation day August 11 to go fishing.
Everyone reeled in flounder, but Gayle Bernard, Maintenance Mechanic, reeled in three, winning the pool. The outing resulted in a fun day, and, a relaxed setting to talk about fishing and work. “I think we got more work done on a vacation day out fishing than we would have in the office,” Mark Wargo, High Voltage Distribution Supervisor said.

• Mexican-style cuisine
• American coffeehouse chain and coffeehouse mobile truck
• State-of-the-art cinema that hosts first run movies at a discounted price
• Neighborhood gourmet market and grocer
• Apple Authorized Campus store offering a vast array of technology products
• Delightful Asian food, online ordering and free delivery within a 5 mile radius
• Self-serve frozen yogurt chain
• Barber shop owned and operated by former Rutgers University Wide Receiver and current Tight End for the Detroit Lions, Tim Wright
• All-day breakfast, coffee and hearty sandwiches in a retro-style Rutgers diner

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