

FACILITIES FOCUS

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Calcado Unveils New Brunswick Master Plan

**A Message
from the
Vice President**

“There are very few places in the United States that can lay claim to 250 years of planning. It makes us unique,” said Vice President of University Facilities and Capital Planning, Antonio Calcado. “We are talking about planning for a university that has a 250 year history.”

ON THE DRAWING BOARD

Calcado recently shared with the Facilities group what the future Rutgers will look like based on the development of a University Master Plan. The specifics of this plan are for the New Brunswick campus. “The Newark campuses did not have Chancellors in place 18 months ago when

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Antonio Calcado presented the Master Plan to the Rutgers Board of Governors on February 3.



BRICKS AND MORTAR

GRADUATE SCHOOL LOUNGE FILLS COMPLEX SPACE



The low ceiling in the unfinished space under the Housing parking deck on the RBHS campus presented some challenges.



A door with semi-private decorative glass separates the game room, lounge area, and kitchen from a quieter study area.

When the housing facility opened on the RBHS Campus in 2006, it was an exciting day for the students studying the health professions. The building--the first residence quarters on the RBHS campus--filled up quickly, but the street level retail space proved a little more complex. Because of unforeseen construction issues, the retail space had lower ceilings than originally specified. The floor to ceiling space measures about 11 feet, but the duct work makes it even lower in some spots, about 8 feet.

Eventually a Subway shop opened, but there was still space left. One section in particular did not have a lot of windows and, as such, would be less than ideal for a retailer. The Graduate School of Biomedical Sciences (GSBS), however, was looking for lounge space for its students. School officials and student leaders were shown the space and agreed it would work for their needs.

Construction on the GSBS lounge started in November 2014, finishing touches are being added, and furniture has been ordered. The transformation of the space was well executed and the big empty concrete block is now gone, replaced by bright walls, vinyl wood-look floors and fresh sheet rock and paint. The ceiling treatment results in an urban chic look: Acoustical tiles provide stylish cover over the duct work, but also reduce noise. The main lounge will have a TV and games; a decorative glass door separates the lounge area from a study hall. The lounge will open in March or April. We will include pictures of the furnished space in a future issue.



Because of the low ceilings, fire sprinklers are protectively caged.



Acoustical ceiling tiles not only dampen noise, but provide a modern, decorative cover over the duct work.



The 8,120 square foot renovation is almost complete.

CANCER CENTER SHELL SPACE RENOVATIONS COMPLETE

University Hospital needed a new location for its EPIC Healthcare Training space. The new space had to have a waiting area, five medium size classrooms and one large classroom that could be divided into two smaller rooms when needed.

When the Cancer Center on the RBHS Campus was constructed in 2006, raw space on D Level was left available for future expansion. A 10,600 square foot section of that area was dubbed suitable for the new training center, and construction began. The new space includes a waiting area, nominal size classrooms, a large classroom with room divider, a conference room, workstations, a storage room, a pantry, the server/electrical room, restrooms, and circulation space.



At left, a renovated hallway leading to and from the new Training Center. At right, new workstations.



A kitchen and pantry, below, is part of the newly completed Training Center, as is a conference room (right) and large roomy waiting areas (bottom right).



COMINGS AND GOINGS

Bidding adieu to longtime employees

Retirement wishes go out to three longtime Facilities employees: Joe Witkowski, Bharati Shah, and Gene Amato.

Joe Witkowski was serving as Executive Director, Utilities at the time of his retirement. "Joe was an invaluable member of Facilities," said Antonio Calcado, Vice President of University Facilities & Capital Planning. "While his career has been progressive he has made an everlasting mark on our Utilities department. He has been instrumental in saving millions upon millions of dollars through innovative projects as well as through reorganization to maximize efficiencies. His contributions will have an everlasting effect."

Calcado added that Witkowski had been an original core team member for over 13 years.

Bharati Shah, Head Accounting Clerk, University Facilities, has retired after 25 years of service. She is pictured with a few co-workers with whom she had lunch her last day. Best wishes Bharati.



Bharati Shah, front left, enjoys a farewell luncheon with co-workers, from top left, Michele Aronowitz, Doreen Drik, Ghislaine Darden, Madalyn Saed, Phuong Nguyen, and Loretta Deloatch.

In RBHS Newark, Facilities employees said goodbye to Gene Amato, who spent more than 36 years in Facilities. According to Campus Manager, James Campoli, Amato actually started working at the University (legacy UMDNJ) as a refrigeration contractor installing walk-in boxes and cooling towers in the Medical Science Building, then under construction. He was hired November 17, 1998. "Gene has incredible knowledge of the institution's physical history," said Campoli, "and the knowledge has benefitted all of us to varying degrees." In an email to those who worked with Amato over his many years, Campoli mentioned a few situations in which his knowledge was critical to sustained operations and recovery in threatening situations: the Hospital Interior Gutters, East Coast Blackout, and super-storm Sandy.

"In addition, Gene spearheaded our Y2K effort, months of planning for something that never happened," Campoli recalled. Numerous co-workers wrote reply emails recalling their fond memories working with Amato and attesting to his value on the job and excellent character. Best wishes Gene, and to all of our retirees, health and happiness.

KUDOS KORNER

Hi Randall,

Recently.... your department gave me an hourly worker to clean Milledoler Hall, so I want to share my thoughts about this recent staff change.

Mr. Jose Eduardo is a friendly and very professional custodian. He worked very efficiently even in times when large student crowds block our hallways and the physical stress of lifting large amounts of garbage..... More often than not, many staff members and student workers know Jose only due to his excellent work which is the biggest virtue of someone working at this position. I know of his work because I've seen it firsthand and everyone reports to me about his efforts.

His work ethic reminds me of a custodian named Maria Walsh; she cleaned my building a few years ago and some of the staff asked me if Jose was trained by her. She's an exceptional custodian. (What a compliment, right?)

The Executive Vice President of Academic Affairs has noticed that Jose goes above and beyond in his cleaning responsibilities, and positive compliments from the new Executive Dean on the Honors College New Brunswick made it very clear I had to let you know everyone here is very pleased.

Jose also has integrity and empathy for others' belongings. One morning, he found a backpack in the Lecture Hall on December 9th with textbook, lecture notes, credit cards and money still inside and he hastily turned it over to me so the student.... could be united with her things.

It's very obvious that Mr. Eduardo is conscientious and proud to be a part of Rutgers. When I find myself apologizing for some mess the students left in the Lecture Hall or for too much trash beside the trash receptacles after an evening lecture, he always replies, "It's okay...I have a job to do and there's nothing wrong with that."

He works quickly and efficiently, which is a testament to the Facilities hiring staff, and every day he exemplifies one of my favorite quotes by Henry Wadsworth Longfellow, "It takes less time to do things right than to explain why you did it wrong."

I truly hope Mr. Jose Eduardo will be a part of the College Avenue custodian staff, and if he can't continue to clean Milledoler Hall, please consider placing him in the new Honors College building when it opens because he's a meticulous dedicated worker. He also has a great knowledge of implementing custodial procedures and systems in a manner befitting Facilities' reputation. He has made the mayhem of the Milledoler Hall basement construction extremely bearable.

There are very few people that know the meaning of taking pride in their work but I'm glad Facilities' is working diligently to placing strong custodians on John Blendowski's team.

CHRISTMAS DAY OUTAGES REPAIRED

Kudos to Mark Wargo, High Voltage Distribution Supervisor, and his staff who responded to two separate building power outages on the Busch Campus on Christmas Day. Of course, this meant time away from their families and altering holiday plans. Wargo, along with high voltage electricians, Tim Murphy, Michael Sullivan, and Douglass Thomas investigated the problems and restored power that day.

HIGH PRAISE FOR FACILITIES CUSTODIAL STAFF

When someone takes the time to sit down and write a letter of praise for an employee, it is worth noting. In this case, two different individuals took the time to compliment our custodial staff. Their letters follow with minor edits for brevity.

I hope that this finds you doing well. Wishing you the best as we glide right in to the holidays.

John—before we take off, I wanted to compliment whole heartedly your staff and give credit to those that service us at the Zimmerli Art Museum.

As you know, I work with Awilda who makes sure that each month all my events are covered with custodian services. She takes the initiative to come in to the museum, sit with me, go over the requirements and puts together a work schedule so we don't miss any events and that the custodians are hired for the correct times. This is such a helpful thing for us. It keeps us both on track with knowing the requirements for all events. At these events, I have either Maria, Rodeme or Rosa here. Each of them are always professional, timely, courteous and friendly. They honestly cannot do enough for the clients (us) to make sure that we are being serviced the way we need to be. Whether they are on the floor keeping things tidy and clean, or in the restrooms doing the same, or taking out the garbage, Maria, Rodeme and Rosa have a smile on their face. The staff at the museum is very happy to have them present at our events and I would be grateful if you would please let them know how much we appreciate them. I can honestly say that we couldn't have such successful events if it wasn't for your terrific staff present. Certainly they are also present every day of the week keeping the museum looking beautiful.

Thank you John for supplying us with great people. Happy Holidays to everyone.

Best regards,

John Blendowski's custodial crew received warm accolades as evidenced in the emails at left. From left, Jose Eduardo, Awilda Marte, Rosa Sanchez, Maria Gomez, Radhames Gomez, and Blendowski, Foreperson Custodial Services.



FACILITIES PLAYS KEY ROLE IN RUTGERS AGAINST HUNGER DRIVE

The annual Adopt-a-Family program sponsored by Rutgers Against Hunger (RAH) collects nearly 1,000 boxes of food and gifts for distribution to some 14 social service agencies serving 252 families in need.

University Facilities' Grounds & Operations unit is responsible for picking up most of those donations and delivering them to social service agencies. This year, the staff picked up 900 boxes and delivered to 13 agencies.

The Adopt-a-Family program is one of many initiatives employed by RAH in order to collect and distribute food and needed items to the agencies. RAH was founded in 2008 and since then has collected over 184,000 pounds of food and raised approximately \$211,000 for food banks and pantries statewide. In an email, from

Leslie Fehrenbach, Secretary of the University whose department coordinates RAH, Fehrenbach said, "We wouldn't be able to run this program without the help and support of Tony Calcado and his wonderful staff. They are terrific to work with and even the social service agencies comment on how wonderful the delivery staff is to help unload and deliver all of the boxes."

Great job Facilities!

We cannot give enough thanks to Dianne Gravatt and her University Facilities staff for all of their hard work distributing donation boxes, and executing the pick up and delivery of all the food and gift items. Their dedication to the Adopt-a-Family program is essential to its continued success.--Julia Crimi, Program Coordinator, Rutgers Against Hunger

CALCADO ADDRESSES STAFF UNVEILS NB CAMPUS MASTER PLAN

we started this process. All of our campuses will catch up to where we are in New Brunswick. A vision is well underway for the entire University."

Frank Wong, Executive Director of University Planning & Development explained the progression. "A master plan from 2003 was a road-map, and not a blue print for campus development over the past 12 years. Our current plan is informed by a university strategic plan. That was not the case in 2003." Wong also explained that the change in administrations from President Lawrence to President McCormick, and now President Barchi has led to the development of the new University Strategic Plan. "The current physical master plan shows how we can create a physical environment that supports the strategic vision and fulfills the academic needs of the institution. The current plan, called Rutgers 2030, is the most robust and comprehensive physical master plan effort ever undertaken at Rutgers University in its 250 year history."

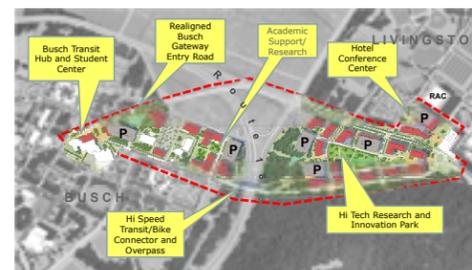
The plan, Calcado said, is student focused. He noted five planning principles that emerged from the survey which shaped the plan: learning, student life, transportation and connectivity, and enhanced technology.

"More retail and amenities are in demand today. Students want a large variety of choices in eating establishments and venues such as the movie theater on Livingston, as well as an increased number of retail stores."

Campus connectivity and transportation will get a great deal of attention as the plan is implemented. Rutgers with the second largest bus system in the state, only behind New Jersey Transit, is also one of the biggest systems in the country. Rutgers buses make over 90,000 trips a day. Tuesdays, Wednesdays and Thursdays are the busiest

days; ridership decreases slightly on Mondays and Fridays. "Our buses are not going away. If we can reduce the number of trips by about ten percent, it would relieve some congestion problems." Calcado continued, "We do not want to be responsible for students missing classes, not getting to classes on time, and even potentially having to delay graduation because they could not get between classes quickly on the buses. This, we are told, is happening. We are looking at a number of options including making more classes available closer to where students live. We want to start moving knowledge rather than people."

Proposed Improvements



Related to the transportation issue is the way the river bifurcates the New Brunswick campuses. "The river should unite, and not separate our campuses. We need a pedestrian bridge, dedicated bus lanes, and pedestrian and bike corridors." Calcado displayed prototype images of what pedestrian bridges would look like, and added that boardwalks are also recommended in the master plan in order to take students over to Boyd Park, or a footpath over to Johnson Park. "Surprisingly, our surveys showed that our students use our county and local parks heavily. We would like to create easier access to these locations, but it also tells us we need more recreation space. Intramurals, for example, have exploded. There needs to be a greater emphasis on health, wellness, and recreation."

Another goal is to create hubs of activity which also include commuter touchdown spaces. "Commuter needs are largely ignored, and given that they make up half the student population, the needs of our commuting students must be included in our plans. These proposed hubs would address commuter needs, as well as the 400 campus clubs that we now have. These hubs would clearly enhance the student experience."

Two underserved areas are family housing and

faculty housing, Calcado explained. "We are looking at developing a faculty housing village to address these needs. It will help with recruiting junior faculty. We also need to address married and family housing."

Calcado reviewed the RBHS Piscataway campus which was part of UMDNJ pre-merger. "RBHS is on the Busch Campus, but it sits on the outskirts. There is only one place to eat in those buildings. In addition, the buildings sit on Hoes Lane turned away from the main campus. While we cannot turn the buildings around, maybe we can apply some landscaping and redirect building entrances. There are no amenities out there; this is an area in need of a hub."

Calcado cautioned that because of the historical significance of the Cook Douglass campus, there is a different type of expansion recommended for each campus. "Cook Douglass requires more in the way of preservation of our buildings with upgrades to the interiors."

Proposed Busch-Livingston Research District



Other highlights of the Master Plan include more public/private collaborations, specifically the development of a research park which ties into the Livingston Campus. A hotel conference center is back on the drawing board after plans were on hold given the slow economy and its effect on the hotel business. "We have a developer and operator, and while it is still a year or two off, it will happen," said Calcado. Also on the drawing board, in the same general location, on the Livingston Campus, are

plans for a parking deck with athletic space on the top floors.

Calcado explained that one of the more ambitious parts of the plan is creating a connection between College Avenue and the Livingston Campus. "To make this work and enhance the student experience, Records Hall and Students Services need to be relocated." Calcado explained the recent purchase of 33 Knightsbridge Road office building is a big step towards this part of the plan.

"Some of these departments will move into Knightsbridge and we will be able to renew this area which would include new housing, a space for all of the cultural centers, and new dining halls. This is where we would open up a footbridge to Johnson Park and a boardwalk to Boyd Park."

Calcado concluded his 90 minute presentation by saying, "For too many years, we put up a lot of buildings, but they made no impact on the campus itself. When we did Livingston, the goal was to transform the campus. We succeeded and want to do this on the other campuses. All of this is very do-able, and I believe a lot of this will be implemented. It is not that difficult, and will make a huge difference in the University."



Rutgers Board of Governors listens to a mildly condensed version of the plan Facilities employees previewed.

Center of the Student Experience



Gloria Tillery Grabs the Gold

Gloria Tillery, Management Assistant, RBHS Cogen Plant, was highlighted in our autumn issue as she was getting ready to take the test for her Gold Seal boiler operator's license.

Gloria, who came to RBHS in 1995 has steadily worked on her boiler operators licenses and has now achieved the top level certification!

According to Patrick McCabe, Examiner Engineer, at the New Jersey Department of Labor Workforce Development Bureau of Boiler & Pressure Vessel Compliance, there are very few women who are Gold Seal licensed in New Jersey. "We don't keep our records broken down by male/female, but I would say there are fewer than 10 women statewide who have achieved the Gold Seal operator's license," McCabe said. "Gloria is only one of two women that I have personally tested."

Great job and great example Gloria.





RUTGERS NETS ENERGY EFFICIENCY GRANTS

The New Jersey Board of Public Utilities has approved incentives totaling \$1.15 million for Rutgers to implement energy efficiency technology upgrades on each of its campuses. The incentives are provided through New Jersey’s Clean Energy Program™ Large Energy User Program (NJCEP/LEUP).

University Facilities’ Utilities Operations unit, has aggressively pursued these grants in the past, and, in fact, a report from the Environmental Protection Agency estimated that since 2009, these initiatives have resulted in savings of some \$41 million in operating costs. This current award is expected to result in an annual savings of over

\$600,000. The upgrades will include retrofitting lighting and high efficiency motor installations.

“I am particularly pleased,” said Vice President of University Facilities & Capital Planning, Antonio Calcado, “because, under our new structure, Facilities submitted this application on behalf of the entire university system. We have many projects at Newark, Camden, RBHS and New Brunswick. Not only will these projects result in over \$600,000 in annual energy savings, but better lighting and by extension a new look in many areas.”

Michael Kornitas, Director of Sustainability and Energy, University Facilities & Capital Planning, added, “The best thing about the LEUP is that the University is able to strategically plan its energy reduction by targeting specific needs on multiple campuses. We know that funds will be available for that plan and that the LEUP’s quick payback period means the University sees a positive cost saving in a short period of time.”

NJCEP incentives of \$1,153,952 will offset the total incremental project costs of \$1,538,603. When installation is completed, the energy efficient equipment is expected to save 5,145,199 kWh, annually, or the equivalent of electricity savings that would power 620 New Jersey homes.

HR TRAINING

Project Rise on the rise

Project Rise classes, wherein Facilities staff, who are non-native speakers, can learn English and improve their computer skills, have recently grown by almost 50 percent.

With the integration of Housing into University Facilities, the Housing staff is eager to learn or enhance English skills, and take advantage of the other opportunities including computer skills, filling out forms, and help with Citizenship applications for those eligible.

Classes are 90 minutes long and held within the work shift. Interested employees should talk to their foreperson and the foreperson will contact Project Rise instructor, Barbara Meyer at 848-445-2836. The schedule is shown here.

Day	Shift	Skill Level	Time	Location
Monday	1st: CAC, B/L	Intermediate	12—1:30 pm	FTC Trailer
	2nd: B/L, CAC, C/D	Intermediate/Advanced	2:30—4:00 pm	FTC Trailer
Tuesday	1st: C/D	Beginner	12—1:30 pm	Dudley Rd Conf. Room
	2nd: C/D	Beginner-Intermediate	2:30—4:00 pm	Dudley Rd. Conf. Room
Wednesday	1st: B/L, CAC, ,C/D	Intermediate/Advanced	12—1:30 pm	FTC Trailer
	2nd: B/L, CAC, C/D	Intermediate/Advanced	2:30—4:00 pm	FTC Trailer
Thursday	1st: B/L, CAC	Intermediate/Advanced	12—1:30 pm	FTC Trailer
Friday	1st: B/L	Beginner	10-:00—11:00 am	FTC Trailer
	1st: C/D, B/L	Intermediate/Advanced	12—1:30 pm	FTC Trailer