Status of Significant
Projects

March 12, 2019

Antonio M. Calcado
Executive Vice President
Strategic Planning and Operations & Chief Operating Officer
# Table of Contents

## New Brunswick

@ Busch
1. Waksman Institute of Microbiology Addition  
   - Budget: $9.0 M  
   - Page: 3  
   - Project Type: Teaching/Research  
2. Busch Livingston Co-Generation Plant Upgrades  
   - Budget: $30.0 M  
   - Page: 4  
   - Project Type: Infrastructure  
3. Student Services One-Stop – New Brunswick  
   - Budget: $36.0 M  
   - Page: 5  
   - Project Type: Student Services  
4. Barbara and Gary Rodkin Academic Success Center  
   - Budget: $65.0 M  
   - Page: 6  
   - Project Type: Athletics  

@ College Avenue
5. New Brunswick Performing Arts Center  
   - Budget: $17.0 M  
   - Page: 7  
   - Project Type: Teaching/Research  

@ Cook
6. Administrative Services Building III Repurposing  
   - Budget: $12.0 M  
   - Page: 8  
   - Project Type: Teaching/Research  

@ Livingston
7. RWJ Barnabas Health Athletic Performance Center  
   - Budget: $115.0 M  
   - Page: 9  
   - Project Type: Athletics  

**New Brunswick Total**  
- Budget: $284.0 M

## Camden

8. Camden Recreation Fields  
   - Budget: $7.5 M  
   - Page: 10  
   - Project Type: Campus Life  

**Camden Total**  
- Budget: $7.5 M

## Newark

9. Honors Living Learning Community  
   - Budget: $81.0 M  
   - Page: 11  
   - Project Type: Campus Life  
10. Olson Hall Laboratory Renovation  
   - Budget: $10.0 M  
   - Page: 12  
   - Project Type: Teaching/Research  
11. Student Services One-Stop and Commuter Lounge at Boyden and Conklin Halls  
   - Budget: $10.0 M  
   - Page: 13  
   - Project Type: Student Services  
12. John Cotton Dana Library Renovation Phase I  
   - Budget: $12.0 M  
   - Page: 14  
   - Project Type: Teaching/Research  

**Newark Total**  
- Budget: $113.0 M

## Rutgers Biomedical & Health Sciences

@ Piscataway
13. Research Tower Vivarium Improvements  
   - Budget: $8.75 M  
   - Page: 15  
   - Project Type: Teaching/Research  
14. School of Health Professions 8th Floor Research Tower Renovation  
   - Budget: $6.4 M  
   - Page: 16  
   - Project Type: Teaching/Research  

@ Newark
15. Newark RBHS Co-Generation Plant Upgrades  
   - Budget: $44.5 M  
   - Page: 17  
   - Project Type: Infrastructure  
16. School of Dental Medicine D South Clinic Renovation  
   - Budget: $7.4 M  
   - Page: 18  
   - Project Type: Teaching/Research  

**Rutgers Biomedical & Health Sciences**  
- Budget: $67.05 M

**Project Total University Wide**  
- Budget: $471.55 M

## Completed Projects Since 2006  
- Page: 19-20
Capital Projects at Rutgers, the State University of New Jersey
New Brunswick @ Busch

1. Waksman Institute of Microbiology Addition Teaching/Research

**Project Description**

This project represents an addition to the Waksman Institute of Microbiology. The 10,500 gross square foot addition will feature a state of the art laboratory and research space. This space will house both wet and dry laboratories, associated support space, conferencing space, administrative offices, and a collaborative break room.

**Key Information:**

<table>
<thead>
<tr>
<th>Cost:</th>
<th>$9.0 M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dates:</td>
<td></td>
</tr>
<tr>
<td>CPAC Approval Date:</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>BoG Approval Date:</td>
<td>October 5, 2015,</td>
</tr>
<tr>
<td>Increased budget BoG Approval Date:</td>
<td>January 25, 2017</td>
</tr>
<tr>
<td>Anticipated Completion Date:</td>
<td>Summer 2019</td>
</tr>
</tbody>
</table>

**Design & Construction Status:**

Construction Underway, 50% complete
2. Busch Livingston Co-Generation Plant Upgrades  

**Project Description**

This project includes replacement of the three (3) aging turbines with a capacity increase of at least 2.8 MW, which will improve reliability and efficiency, reduce energy costs, reduce emissions, and produce energy credits. The new equipment eliminates the use of 8,000,000 gallons of water per year, much of which is discharged to sanitary sewers. The project also includes electrical and mechanical upgrades.

**Key Information:**

| Cost:     | $ 30.0 M |
| Dates:    |          |
|           | BoG Approval Date: April 6, 2017 |
|           | Anticipated Completion Date: Fall 2021 |
| Design & Construction Status: | Design underway |

Busch Campus

![Busch Campus Image]
Project Description

This project establishes a facility that supports student services needs under one roof. Students will benefit from a highly accessible, one-stop service center that allows them to easily address their needs in a single, streamlined location, connected to the transportation hub.

The project consists of the gut renovation of half of the first floor (approximately 13,000 square feet) of the building for the front-facing student services space, with an associated small addition that will allow for an effective entrance and waiting area. The second and third floors (26,000 square feet each) will each undergo substantial renovation including HVAC systems, window units, and new finishes and furnishings. This work will take place in multiple phases.

Key Information:

Cost: $36.0 M

Dates:
BoG Approval Date: October 4, 2018
Anticipated Completion Date: Fall 2020

Design & Construction Status:
Design underway
4. Barbara and Gary Rodkin Academic Success Center Athletics

**Project Description**

This project will transform Rutgers Intercollegiate Athletics and provide complete academic services as well as innovative learning environment to the student athlete.

The facility design is best-in-practice and flexible to accommodate evolving academic services needs. This project will consist of the centralization and relocation of the success center from Hale and RAC, men’s and women’s soccer facility, men’s and women’s Lacrosse facility and the relocation of the Athletics administration. The building is approximately 80,000 square feet on three floors. Soccer and Lacrosse account for approximately 35,000 square feet, the academic success center 30,000 square feet, and administrative offices about 15,000 square feet.

---

**Key Information:**

- **Cost:** $65.0 M
- **Dates:**
  - BoG Approval Date: December 6, 2018
  - Anticipated Completion Date: Fall 2020
- **Design & Construction Status:** Design underway

---

**Busch Campus**
Project Description

The project includes the development of two (2) state-of-the-art theater spaces, dedicated rehearsal studios, academic, and office space. Atop this new theater complex, will be a tower which will provide 250 residential apartments. The initiative will also include the construction of a new 400 car parking facility on Bayard Street. The 450,000 square foot project will develop on the site of the existing George Street Playhouse and Crossroads Theater located on Livingston Avenue in downtown New Brunswick. The associated garage will be built on an existing surface parking lot on Bayard Street currently owned by the NB Cultural Center and TD Bank.

Rutgers will participate in a co-ownership lease of approximately 60,000 square feet theater space.
Project Description

The Administrative Services Building III, which is currently underutilized and mostly vacant, would be transformed into the new and permanent home of the Division of Continuing Studies, centering the core of continuing education to one flagship building for offices and training services.

The project will provide for nine (9) classrooms on the first floor with a total occupancy of 270 students. The second floor will provide space for six (6) classrooms including a computer lab and a recording studio. The six (6) classrooms will accommodate 130 faculty participants. The second floor will have large and small conference areas throughout, as well as huddle rooms.
7. RWJ Barnabas Health Athletic Performance Center

Project Description

The RWJ Barnabas Health Athletic Performance Center is the first major initiative to be realized from the Athletics component of the Rutgers 2030 Physical Master Plan. The 125,000 gross square foot, four (4) story building will provide a state-of-the-art practice facility for Men’s & Women’s Basketball, Gymnastics, and Wrestling. The building will also include spaces for strength and conditioning, nutrition, coaches’ offices, and other spaces to support the athletic programs housed in the building. A ‘Hall of Fame’, spirit shop, and training table will operate off the main public entry lobby.

The parking structure will consist of six (6) level precast structure that will occupy a footprint of approximately 28,000 square feet along the project’s Road E frontage. Approximately 555 parking spaces will be provided.

Key Information:

Cost: $115.0 M

Dates:
BoG Approval Date: April 6, 2017
Anticipated Completion Date: Summer 2019

Design & Construction Status:
Construction underway, 75% complete
Project Description

The Camden County Improvement Authority (CCIA), Rutgers-Camden, and the City of Camden are jointly redeveloping underutilized sites, to create additional recreation and athletics fields. Three (3) critically important fields will be constructed and will be used by the Division III teams as well as the intramural sports program. Additionally, local recreation programs and the Camden Board of Education would have access. The project will include baseball, soccer, and lacrosse fields, bleachers, lighting, and locker and restroom facilities.
Newark

9. Honors Living Learning Community

Project Description

This project involves the creation of a state-of-the-art facility with residential, amenity, and academic spaces that will house approximately 400 diverse undergraduate students including, but not be limited to, veterans, older students, transfer students, and first-generation college students.

The 155,000 gross square foot, five (5) story building will be located within the James Street Commons Historic District and will feature mixed-usage to include; academic spaces, student support functions, HLLC departmental offices, long-term bicycle storage, parking for 322 vehicles and 20,000 square feet for retail establishments.

Newark Campus

Key Information:

Cost: $ 81.0 M

Dates:
CPAC Approval Date: Not Applicable
BoG Approval Date: September 21, 2016
Anticipated Completion Date: Summer 2019

Design & Construction Status:
Construction underway, 45% complete
10. Olson Hall Laboratory Renovation

Teaching/Research

Newark Campus

Project Description

This project involves the renovation of 6,000 square feet of laboratory space, providing upgraded teaching labs and support spaces that meet today’s safety standard and pedagogical needs.

Infrastructure work will include upgrading HVAC and controls systems.

Key Information:

Cost: $10.0 M

Dates:
CPAC Approval Date: Not Applicable
BoG Approval Date: September 21, 2016
Anticipated Completion Date: Fall 2019

Design & Construction Status:
Construction underway, 90% complete
Project Description

The One Stop Student Services Center (One Stop) at Rutgers University-Newark will represent an integrated and coordinated cross-functional service in the areas of financial aid, student accounts, and registration. The center will serve as a “single point of service” across these areas to promote a progressive, simplified, and consistent student experience and a culture that supports student satisfaction and success. This 22,000 square foot project comprises the renovation of 15,500 square feet and the addition of 6,500 square feet.

Key Information:

Cost: $10.0 M

Dates:
- BoG Approval Date: October 4, 2018
- Anticipated Completion Date: Spring 2021

Design & Construction Status:
- Design underway
Project Description

This project consists of the addition of 6,230 square feet to the northwest face of the existing library and renovations to the third floor, which will house the P3 Collaboratory (a collaborative for Pedagogy, Professional Development and Publicly-engaged Scholarship). The P3 Collaboratory provides support for: Teaching Excellence and Innovation, Collaborative Scholarship, Leadership Development, and Career Success.

Key Information:

Cost: $12.0 M

Dates:
BoG Approval Date: October 4, 2018
Anticipated Completion Date: Spring 2020

Design & Construction Status:
Contractor Procurement underway
13. Research Tower Vivarium Improvements

Project Description

The project will provide significant benefit to the researchers of both RBHS and Rutgers-NB by providing significantly improved research facilities. Improvements include upgraded procedure spaces, upgraded zoned control HVAC system, electrical upgrades, envelope waterproofing integrity improvements, and interior finish work.
Project Description

This project includes substantial interior non-structural renovation of the 17,500 square feet of the eighth floor of the Research Tower. This includes new flooring, ceilings, lighting, plumbing, fixtures, furniture, and equipment for classroom instruction, offices, and administrative space. The work also includes minor renovations to the adjacent Physician’s Assistant Modular, to allow increased student population and instruction in that building. This renovation will expand the School of Health Professions presence on RBHS in Piscataway, and will consolidate programs that currently reside in Scotch Plains.

Key Information:

Cost: $6.4 M

Dates:
BoG Approval Date: June 12, 2018
Anticipated Completion Date: Fall 2019

Design & Construction Status:
Construction underway, 10% complete
15. Newark RBHS Co-Generation Plant Upgrades  Infrastructure

**Key Information:**

**Cost:**  $44.5 M

**Dates:**
- BoG Approval Date: April 6, 2017
- Anticipated Completion Date: Spring 2021

**Design & Construction Status:**
- Design Build Procurement underway

---

**Project Description**

The replacement of the three aging turbines with a capacity increase of at least 2.8 MW will improve reliability and efficiency, reduce energy costs, reduce emissions, and produce energy credits. The new equipment would eliminate the use of 8,000,000 gallons of water per year, much of which is discharged to sanitary sewers. This project also includes electrical and mechanical upgrades.
Project Description

This project includes substantial interior non-structural renovation of the 11,700 square feet, which the clinic currently occupies. This renovation will provide 80 operatory clinics with ancillary support rooms/functions which will handle half of the south wing DMD students and their patients. A similar renovation was recently completed on the floor below in the south wing. This included new flooring, ceiling, lighting, plumbing, cabinetry and equipment and new operatories, as well as new dispensary and x-ray rooms.
## Completed Projects Since 2006

<table>
<thead>
<tr>
<th>Year</th>
<th>Project Description</th>
<th>Dollars in Millions</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Busch Campus</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2006</td>
<td>1. Bio Medical Engineering Building</td>
<td>$33.50</td>
</tr>
<tr>
<td>2007</td>
<td>2. Keck Neuroscience Center</td>
<td>$2.40</td>
</tr>
<tr>
<td>2007</td>
<td>3. Wright Rieman Polymer &amp; Protein Wet Lab, Room 371</td>
<td>$3.00</td>
</tr>
<tr>
<td>2009</td>
<td>4. Stadium Expansion</td>
<td>$102.00</td>
</tr>
<tr>
<td>2009</td>
<td>5. University Visitor Center</td>
<td>$7.54</td>
</tr>
<tr>
<td>2010</td>
<td>7. Cell DNA Repository</td>
<td>$3.75</td>
</tr>
<tr>
<td>2011</td>
<td>8. University Housing</td>
<td>$57.00</td>
</tr>
<tr>
<td>2011</td>
<td>9. Center for Integrative Proteomics Research</td>
<td>$47.00</td>
</tr>
<tr>
<td>2013</td>
<td>10. Nelson Biology Laboratories C-Wing Renovation</td>
<td>$10.80</td>
</tr>
<tr>
<td>2013</td>
<td>11. Infrastructure Improvements Project</td>
<td>$10.00</td>
</tr>
<tr>
<td>2017</td>
<td>12. Marco Battaglia Football Practice Complex</td>
<td>$8.50</td>
</tr>
<tr>
<td>2018</td>
<td>13. Chemistry &amp; Chemical Biology Building</td>
<td>$115.00</td>
</tr>
<tr>
<td>2018</td>
<td>14. Richard Weeks Hall of Engineering</td>
<td>$84.00</td>
</tr>
<tr>
<td>2018</td>
<td>15. Busch Campus Infrastructure</td>
<td>$15.00</td>
</tr>
<tr>
<td><strong>Camden Campus</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2007</td>
<td>16. Camden Dining Hall Renovation</td>
<td>$5.30</td>
</tr>
<tr>
<td>2009</td>
<td>17. Camden Law School</td>
<td>$37.00</td>
</tr>
<tr>
<td>2009</td>
<td>18. Camden Recreation Center</td>
<td>$12.00</td>
</tr>
<tr>
<td>2011</td>
<td>19. Early Learning Research Academy (ELRA)</td>
<td>$3.90</td>
</tr>
<tr>
<td>2012</td>
<td>20. Camden Student Housing Project</td>
<td>$55.00</td>
</tr>
<tr>
<td>2016</td>
<td>21. Writers House</td>
<td>$4.50</td>
</tr>
<tr>
<td>2016</td>
<td>22. Alumni House &amp; Development Office</td>
<td>$2.50</td>
</tr>
<tr>
<td>2017</td>
<td>23. Nursing and Science Building</td>
<td>$62.50</td>
</tr>
<tr>
<td><strong>College Avenue Campus</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>25. College of Nursing</td>
<td>$10.00</td>
</tr>
<tr>
<td>2009</td>
<td>26. Student Counseling Center</td>
<td>$5.00</td>
</tr>
<tr>
<td>2010</td>
<td>27. Institute for Health Sciences</td>
<td>$25.00</td>
</tr>
<tr>
<td>2012</td>
<td>28. Gateway Transit Village</td>
<td>$19.60</td>
</tr>
<tr>
<td>2015</td>
<td>29. Bishop Quad Residence Upgrade</td>
<td>$13.00</td>
</tr>
<tr>
<td>2015</td>
<td>30. Seminary &amp; Associated Property Development</td>
<td>$85.00</td>
</tr>
<tr>
<td></td>
<td>• The Honors College</td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td>31. Seminary &amp; Associated Property Development</td>
<td>$208.00</td>
</tr>
<tr>
<td></td>
<td>• Academic Building</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• The Yard</td>
<td></td>
</tr>
<tr>
<td><strong>Cook Campus</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>32. Endocrine Research Facility</td>
<td>$4.50</td>
</tr>
<tr>
<td>2015</td>
<td>33. Institute for Food, Nutrition &amp; Health</td>
<td>$55.00</td>
</tr>
<tr>
<td>Campus</td>
<td>Year</td>
<td>Project Description</td>
</tr>
<tr>
<td>--------------------</td>
<td>------</td>
<td>---------------------------------------------------------------------</td>
</tr>
<tr>
<td>Douglass Campus</td>
<td>2008</td>
<td>Douglass Developmental Disabilities Center</td>
</tr>
<tr>
<td></td>
<td>2013</td>
<td>Robert E. Mortensen Hall, Music &amp; Dance Wing</td>
</tr>
<tr>
<td></td>
<td>2016</td>
<td>Kathleen W. Ludwig Global Village Living Learning Center</td>
</tr>
<tr>
<td>Livingston Campus</td>
<td>2009</td>
<td>Livingston Solar Energy Project</td>
</tr>
<tr>
<td></td>
<td>2010</td>
<td>Livingston Student Center</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>Livingston Dining Commons</td>
</tr>
<tr>
<td></td>
<td>2012</td>
<td>University Housing</td>
</tr>
<tr>
<td></td>
<td>2013</td>
<td>Solar Canopy Project</td>
</tr>
<tr>
<td></td>
<td>2013</td>
<td>Livingston Business School</td>
</tr>
<tr>
<td></td>
<td>2013</td>
<td>Tillett Classroom Renovations</td>
</tr>
<tr>
<td></td>
<td>2013</td>
<td>Livingston Campus Infrastructure</td>
</tr>
<tr>
<td></td>
<td>2013</td>
<td>7 Kilmer Road</td>
</tr>
<tr>
<td></td>
<td>2016</td>
<td>Baseball/Softball Practice Facility</td>
</tr>
<tr>
<td>Newark Campus</td>
<td>2009</td>
<td>Rutgers Business School</td>
</tr>
<tr>
<td></td>
<td>2010</td>
<td>Life Sciences - Olson Hall</td>
</tr>
<tr>
<td></td>
<td>2012</td>
<td>Central Heating Plant Upgrade</td>
</tr>
<tr>
<td></td>
<td>2015</td>
<td>Student Housing at 15 Washington Street</td>
</tr>
<tr>
<td></td>
<td>2016</td>
<td>Redevelopment of the Hahnes &amp; Co. Department Store</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>Business School</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>Life Science Building, Phase II</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>2015</td>
<td>School of Health Related Professions Clinical Lab Renovation</td>
</tr>
<tr>
<td></td>
<td>2016</td>
<td>School of Dental Medicine Oral Health Pavilion C Level Fit-Out</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>RBHS Site Wide Campus Network Protectors Replacement</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>Pharmacy Building Expansion</td>
</tr>
<tr>
<td></td>
<td>2017</td>
<td>School of Dental Medicine Laboratory Renovations</td>
</tr>
<tr>
<td></td>
<td>2018</td>
<td>Clinical Academic Building (CAB) 7th Floor Renovation</td>
</tr>
<tr>
<td>Outlying</td>
<td>2006</td>
<td>Multi-Species Aquaculture Demonstration Facility</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>Food Innovation Center</td>
</tr>
<tr>
<td></td>
<td>2012</td>
<td>Atlantic Cape Community College Facility</td>
</tr>
<tr>
<td>University Utilities</td>
<td>2009</td>
<td>High Voltage Substation Upgrade: Phase 1</td>
</tr>
<tr>
<td></td>
<td>2010</td>
<td>Interior Lighting Retrofit Program</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>High Temp Hot Water Improvements</td>
</tr>
<tr>
<td>Campus Wide</td>
<td>2011</td>
<td>Classroom Enhancement</td>
</tr>
</tbody>
</table>

**Total**                                                      | $ 1,999.96