



# Boston University

Update on the 2013 - 2023 Charles River Campus Institutional Master Plan

January 9, 2020

Submitted by **Trustees of Boston University**

Submitted to **Boston Planning & Development Agency**

Prepared by **Fort Point Associates, Inc.**





## Update on the 2013 - 2023 Charles River Campus Institutional Master Plan

### 1. INTRODUCTION

Boston University (the “University”) is pleased to provide this update on its 2013 – 2023 Charles River Campus Institutional Master Plan (the “2013 – 2023 IMP”) as required by the provisions of Article 80D-7 of the Boston Zoning Code. The 2013 – 2023 IMP, approved on February 15, 2013, was a product of University strategic planning efforts and responded to the call to: strengthen scholarship and research throughout the campus, expand and enhance the College of Arts & Sciences, and improve the residential campus and student life experience. Six years later, the 2013 – 2023 IMP is the driving force behind critical projects taking shape today.

The First Amendment to the 2013 – 2023 IMP (the “First Amendment”) added the Center for Integrated Life Sciences and Engineering located at 610 Commonwealth Avenue to the 2013 – 2023 IMP as a Proposed Institutional Project. The First Amendment went into effect in January 2014.

The Second Amendment to the 2013 – 2023 IMP (the “Second Amendment”) added the existing building located at 700 Beacon Street, which had been acquired by the University, to the list of Proposed Institutional Projects. The Second Amendment went into effect in October 2015.

The Third Amendment to the 2013 – 2023 IMP (the “Third Amendment”) added the existing building located at 1047 Commonwealth Avenue, which the University leased for a two-year period to provide temporary student housing during the Myles Standish Hall Renovation Project, to the list of Proposed Institutional Projects. The Third Amendment went into effect in May 2016.

The Fourth Amendment to the 2013 – 2023 IMP (the “Fourth Amendment”) added a small addition to the existing building known as the BU Castle (renamed as the Dahod Family Alumni Center) located at 225 Bay State Road to the list of Proposed Institutional Projects. The Fourth Amendment went into effect in May 2017.

The Fifth Amendment to the 2013 – 2023 IMP (the “Fifth Amendment”) modified the dimensional requirements for a new academic building to serve the departments and institutes focused on computational and data sciences, located at 665 Commonwealth Avenue, and added digital signage at Warren Towers, located at 700 Commonwealth Avenue, to the list of Proposed Institutional Projects. The Fifth Amendment went into effect in August 2019.

The purpose of this update is to provide an overview of the progress that has been made by the University since the approval of the 2013 – 2023 IMP and First through Fifth Amendments.

## **2. PROGRESS ON PROPOSED INSTITUTIONAL PROJECTS**

Included in the 2013 – 2023 IMP and First through Fifth Amendments are 12 Proposed Institutional Projects (PIPs). The PIPs outlined in the 2013 – 2023 IMP as amended include:

- School of Law, 763 - 767 Commonwealth Avenue, Site BB
- Academic Buildings, 645 - 665 Commonwealth Avenue, Site CC
- Academic Building Addition, 640 Commonwealth Avenue, Site DD
- Science and Engineering Research Building, 30 - 38 Cummington Mall, Site EE
- Academic/Administrative Building, 130 Bay State Road, Site FF
- Myles Standish Hall and Annex Renovation, 610 - 632 Beacon Street, Site GG
- Center for Integrated Life Sciences and Engineering, 610 Commonwealth Avenue, First Amendment
- Academic Building, 700 Beacon Street, Second Amendment
- Temporary Student Residence, 1047 Commonwealth Avenue, Third Amendment
- BU Castle Addition, 225 Bay State Road, Fourth Amendment
- Data Sciences Center, 665 Commonwealth Avenue, Fifth Amendment
- Warren Towers Digital Signage, 700 Commonwealth Avenue, Fifth Amendment

In addition to the PIPs outlined above, the Student Village Residence III project, proposed in the 2013 – 2023 IMP as Site AA and approved in the Planned Development Area No. 38, will be further developed as student housing demand and financing become available.

The University has also proceeded with BPDA and associated City of Boston agency approvals

to repair and update several existing buildings on the campus that required substantial investments in accessibility, signage, and maintenance. These projects will be initiated over the course of the next twelve months and include: 91 Bay State Road (Kilachand Hall) renovation and accessibility improvements; 855 Commonwealth Avenue (BU College of Fine Arts) façade and accessibility improvements; and BU Case Center/300 Babcock Street accessibility, public realm, and wayfinding improvements.

Since the second 2013 – 2023 IMP Update (“2017 Update”), progress has been made on several PIPs, while others are not planned for implementation until later in the 2013 – 2023 IMP term. Provided below is a summary of the status of the PIPs from the 2013 – 2023 IMP, as amended, that have been completed or are currently underway.

### **SCHOOL OF LAW, 763 - 767 COMMONWEALTH AVENUE, SITE BB**

The rehabilitation of and addition to the 18-story School of Law tower was proposed and approved in the 2013 – 2023 IMP in recognition of the critical need to provide a facility with the appropriate space and amenities to meet the contemporary requirements of an excellent legal education. The addition to the Law Tower, as well as the interior renovations and exterior upgrades, were completed in September 2015. The project was the recipient of the 2016 Preservation Award from Massachusetts Historic Commission, the 2016 Preservation Achievement Award from Boston Preservation Alliance, and the 2017 Citation of Merit from Docomomo US. The School of Law is now LEED Gold Certified.

### **ACADEMIC BUILDINGS, 645 - 665 COMMONWEALTH AVENUE, SITE CC**

The academic buildings located at 645 - 665 Commonwealth Avenue were identified and approved as a PIP in the 2013 – 2023 IMP. Sited on an existing surface parking lot at the corner of Commonwealth Avenue and Granby Street, it was envisioned that the property would support a building, or buildings, of “significant height and density” to replace the void in the streetscape. The proposed academic space would be housed in up to 350,000 square feet of Gross Floor Area on a 42,000 square-foot site, thereby providing for a maximum Floor Area Ratio of 8.4. The project would be developed in one or two phases and consider the integration of below-grade parking. The allowed maximum height was 15 stories at 225 feet.

The Fifth Amendment modified the dimensional requirements of this PIP to meet the programmatic and design requirements of a new, iconic building to serve the University’s expanding programs in the area of data sciences. This modified building, named the Center for Computing and Data Sciences, is described in further detail below.

### **ACADEMIC BUILDING ADDITION, 640 COMMONWEALTH AVENUE, SITE DD**

The property at 640 Commonwealth Avenue was identified in the 2013 – 2023 IMP as a PIP. The site offers the opportunity to construct a 50,000 square foot addition to the existing building serving the College of Communications. The University is continuing to define priorities for advancing this project in line with its mission and objectives.

**SCIENCE AND ENGINEERING RESEARCH BUILDING, 30 - 38 CUMMINGTON MALL, SITE EE**

The property at 30 - 38 Cummington Mall was identified in the 2013 – 2023 IMP as a PIP. The site offers the opportunity to replace an existing building and create a new science and engineering research building. The University is continuing to define priorities for advancing this project in line with its mission and objectives.

**ACADEMIC/ADMINISTRATIVE BUILDING, 130 BAY STATE ROAD, SITE FF**

The property at 130 Bay State Road was identified in the 2013 – 2023 IMP as a PIP. The site offers the opportunity to integrate two existing brownstones with a new addition to create an approximately 60,000 square foot academic and administrative space. The University is continuing to define priorities for advancing this project in line with its mission and objectives.

**MYLES STANDISH HALL AND ANNEX RENOVATION, 610 - 632 BEACON STREET, SITE GG**

Myles Standish Hall was originally constructed in 1926 as a suite-style hotel and has been used for Boston University undergraduate housing since 1949. Together with the Myles Standish Annex, which was acquired in 1980, the complex provided 760 student bed spaces.

Renovation of the Myles Standish Hall and Annex maintained the historic structure while adapting the building to meet contemporary housing needs. The renovation maximized bed count and private bedrooms, as well as modern amenities, to provide space for 730 students and advance the effort to retain the number of undergraduate students seeking on-campus housing. The LEED Gold Certified project also provided public realm improvements in the form of new sidewalks, street trees, pedestrian benches and ramps, bicycle racks, and a 5,500 square foot open space plaza. Additionally, traffic calming improvements were made to the intersection of Bay State Road and Charlesgate, and a bike lane was implemented along that portion of Beacon Street.

The Project was constructed in three phases, lasting approximately 28



*The Myles Standish Hall and Annex Renovation rehabilitated building exteriors and created a 5,500 square-foot plaza.*

months from May 2016 until August 2018. Phase 1, the renovation and rehabilitation of Myles Standish West, was completed in August 2017. Phase 2, the Myles Standish East and associated plaza, was completed in May 2018. Phase 3, which began in May 2018, has been completed. The completed project welcomed students at the beginning of the Fall 2018 semester and was the recipient of the 2019 Paul & Niki Tsongas Award from Preservation Massachusetts.

### **CENTER FOR INTEGRATED LIFE SCIENCES AND ENGINEERING, 610 COMMONWEALTH AVENUE, FIRST AMENDMENT**

In response to the increasing demand for more advanced, collaborative, and innovative programs for scientific advancement, the University proposed the construction of the Center for Integrated Life Sciences and Engineering building in Fall 2013. The First Amendment included the addition of a new life sciences and research facility at 610 Commonwealth Avenue and was approved in early 2014. The new building replaced an existing surface parking lot and provides significant benefits to the pedestrian experience along Commonwealth Avenue.



*The Kilachand Center houses collaborative space for the University's top researchers in neuroscience, biological design, cognitive neuroimaging, and neurophotonics.*

The construction of the Rajen Kilachand Center for Integrated Life Sciences and Engineering building began in May 2015. Construction is complete, and the facility was issued a Certificate of Occupancy in May 2017. The building achieved LEED Gold Certification.

### **ACADEMIC BUILDING, 700 BEACON STREET, SECOND AMENDMENT**

The property at 700 Beacon Street is bordered by University-owned properties and was identified as a potential development site for academic purposes in prior Institutional Master Plans. The University purchased the site from Lesley University in 2015 when the institution relocated its Art Institute of Boston Program to Cambridge. At the time of purchase, the site was used for institutional uses by Lesley University. Boston University sought and received approval for the Second Amendment to the IMP to add the building as a PIP and to incorporate the site into the Boston University IMP Overlay Area. The three-story, 37,000 square foot space is used to house various institutional functions such as art studios, labs, office and meeting spaces, and teaching rooms.

### **TEMPORARY STUDENT RESIDENCE, 1047 COMMONWEALTH AVENUE, THIRD AMENDMENT**

To provide housing for the 350 undergraduate students and residence assistants displaced during the Myles Standish Renovation Project, the University sought approval for the short-term use of an existing residential building at 1047 Commonwealth Avenue as a dormitory. The Third Amendment was approved in May 2016. The lease of the property began in August 2016 and expired on June 30, 2018.

### **BU CASTLE ADDITION, 225 BAY STATE ROAD, FOURTH AMENDMENT**

The Dahod Family Alumni Center (formerly the BU Castle) is the site of event, conference, and office space as well as the home of a small pub (Fuller's Boston University Pub) open to members of the University community. The distinctive Tudor Revival mansion was constructed in 1915 and is located proximate to the Charles River.

A small expansion to the Castle was approved in the Fourth Amendment in May 2017. The addition provided space for an expanded dining area, improved kitchen, and accessibility upgrades on the first floor. Other aspects



*The new Dahod Family Alumni Center involved exterior and interior renovations to restore the facade and make the building fully accessible.*

of the project included restoring the exterior facade and making the century-old building fully accessible. Work on the project began in October 2017 and was completed in early September of 2018. The project was the recipient of the 2019 Preservation Achievement Award from the Boston Preservation Alliance.

### **DATA SCIENCES CENTER, 665 COMMONWEALTH AVENUE, FIFTH AMENDMENT**

Located on Site CC of the IMP (645 - 665 Commonwealth Avenue Academic Buildings), the proposed Data Sciences Center will bring together closely allied data sciences disciplines in an iconic landmark building. The amended program is consistent with the 2013 – 2023 IMP with the exception that the proposed maximum height and site area will be exceeded and on-site parking is no longer being considered. The project has received approvals under Article 80B and 80D.



*The Center for Computing and Data Sciences will replace an existing surface parking lot and provide substantial improvements to the public realm, including upgrades to the existing sidewalk, a pedestrian plaza, a courtyard, and a grove of trees.*

Approximately 307,000 square feet will be constructed for the initial phase of development. To reach full build-out of Site CC, future development may include an additional 43,000 square feet of construction. Substantial off-site improvements will enhance the Granby Street and Commonwealth Avenue streetscapes, redesign an existing open space north of the site, and create a pedestrian-friendly area in the laneway behind the building.

Currently known as the Center for Computing and Data Sciences, the project is targeting LEED Platinum certification and will be the University's most sustainable building. Cutting-edge facade treatments and geothermal wells, together with the University's wind purchase agreement and solar generation, will allow the building to be 100% fossil-fuel free.

The project is currently being advanced through the construction documents phase. It is anticipated that construction will commence in early 2020 and be completed in spring 2022.

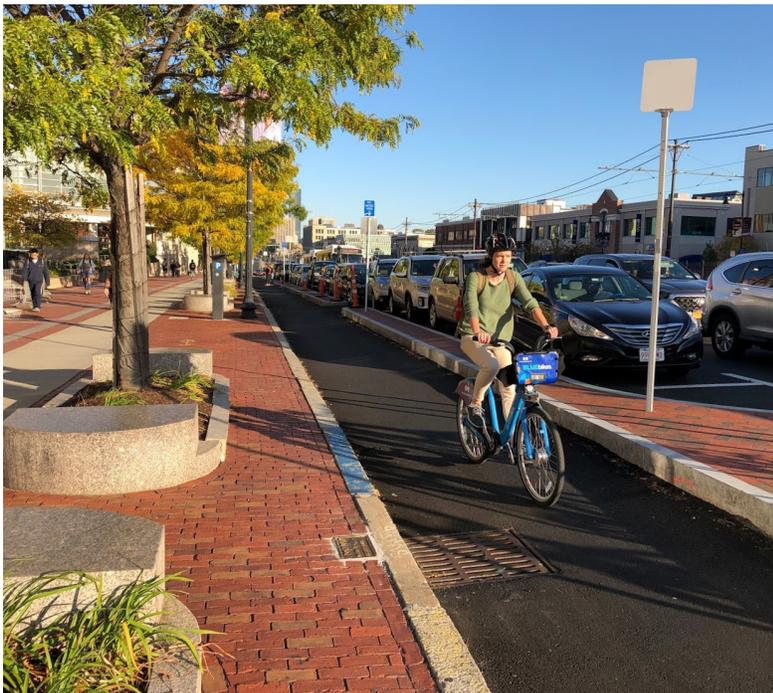
### **WARREN TOWERS SIGNAGE, 700 COMMONWEALTH AVENUE, FIFTH AMENDMENT**

In 2018 the University undertook a comprehensive program to refresh campus signage, including the twelve outdated poster cases located on the first-floor facade of Warren Towers residence hall located at 700 Commonwealth Avenue. New digital screens of the same size will be installed to replace the poster cases in the same locations on the building as approved in the Fifth Amendment.

## **3. PROGRESS ON PUBLIC REALM IMPROVEMENTS**

In concert with the PIPs planned for the term of the IMP, the University identified public realm improvement projects to enhance the pedestrian experience around the Charles River Campus. These improvements include the addition of several pocket parks and improvements to Commonwealth Avenue, Phase 1 of which was completed in 2010, prior to the adoption of the 2013 – 2023 IMP.

### **COMMONWEALTH AVENUE PHASE 2A IMPROVEMENTS**



*Phase 2A featured bicycle lanes separated from vehicular traffic and parking.*

Through a partnership between the Massachusetts Department of Transportation (MassDOT), the City of Boston, and the University, the Commonwealth Avenue Phase 2A Improvement Project continued the Phase 1A streetscape changes along Commonwealth Avenue from Amory Street to Alcorn Street. Integrating multi-year input from area stakeholders, the improvements include fully-accessible Green Line stations, separated bike lanes, protected intersections, transit priority, and buffered sidewalks.

The Commonwealth Avenue Phase 2A project was included in the MassDOT Transportation Improvement Program for funding in 2015 at an anticipated cost of nearly \$17 million, of which the University provided \$2.4 million. Crews began prepping utility infrastructure in the fall of 2016, while major construction began in spring 2017. The project is expected to be completed by early 2020.

### **RAJEN KILACHAND CENTER FOR INTEGRATED LIFE SCIENCES AND ENGINEERING POCKET PARK**

Although not included in the IMP, a new pocket park was proposed and constructed in concert with the CILSE project. In the space between the new CILSE building and the existing Morse Auditorium, the fully accessible pocket park provides a mix of soft and hardscape surfaces in addition to secondary access to both buildings. The park features vertical plantings against the western wall of the Morse Auditorium and small trees and vegetated areas. The pocket park was completed in 2017 and is currently in use.

### **MYLES STANDISH PLAZA**

The renovation of the Myles Standish Hall and Annex included the creation of an approximately 5,500 square-foot open space plaza at the eastern point of the site. The plaza, which was previously an underutilized expanse of pavement, features landscaping and pedestrian amenities to enliven the public realm.

With the addition of a free-standing Boston University sign, the plaza is intended to serve as a dynamic gateway to the University campus. In collaboration with the Boston Transportation Department, changes were made to the intersection of Bay State Road and Charlesgate West that have improved traffic circulation and provided traffic calming measures. Construction of the plaza was completed in August 2018.



*The new plaza provides a dynamic gateway and traffic calming measures.*

## 4. PROGRESS ON UNIVERSITY SUSTAINABILITY

Approved by the Board of Trustees in December 2017, Boston University's Climate Action Plan (the "Plan") has five major commitments:

1. Prepare the University for the impacts from climate change that can no longer be avoided
2. Reduce greenhouse gas emissions to operate the University to net zero by 2040
3. Develop a plan to reduce indirect emissions
4. Integrate climate change into the University's education and research mission
5. Integrate the Climate Action Plan with the University's Strategic Plan

While the Plan is specific to Boston University, it has been developed in the context that climate change is a global problem that extends beyond the University's campuses. Implementing the Plan will elevate the University's position as a leader by addressing the challenges of climate change in its educational programs, research, operations, finance, and community engagement. Specific goals include:

- Reduce building energy use 31% by 2032, including growth,
- Match 100% of electrical demand with renewables beginning in 2020 through a power purchase agreement for wind power in South Dakota (the project is now under construction), and
- Shift to fossil fuel free heating and cooling.

Calendar 2018 was a pivotal year for Boston University's sustainability efforts, kicking off the implementation of the University's Plan. The year's work provided the foundation to position the University as a leader in climate action and sustainability by building capacity to implement, manage, engage, and communicate around the Plan.

Boston University's Sustainability Program comprises a broad range of stakeholder groups throughout the University's campuses to provide a diversity of representation and opinion. The program is administered by *sustainability@BU*, whose mission is to lead the University in a more sustainable direction and integrate sustainability into the culture and structure of Boston University. Through this effort, the University will reduce its use of natural resources, strategically manage operating costs, and improve environmental and social impacts. Engagement efforts include a long-standing monthly communications campaign, a robust student internship program, staff and faculty Sustainability Liaisons, student organizations, Green Office Certification, Move In waste diversion program, Goodwill Not Landfill Move Out donation program, the Sustainability Festival, Earth Week+, and the *sustainability@BU* mobile app. As detailed in the Plan, the University has already made significant progress in reducing CO<sub>2</sub> emissions and energy use, as well as reductions in water use and wastewater

generation, an overall reduction in waste generation coupled with an increased recycling rate, and almost 100% use of green cleaning products.

Operational efforts are primarily focused on seven key areas: Energy Conservation, Climate Action Planning, Green Building Design, Zero Waste planning, Community Engagement, Communications, Food, and Transportation.

### **LEED Gold Certification**

The University began Leadership in Energy and Environmental Design (LEED) certification for major projects in 2008 and has over 1,000,000 square feet of LEED certified space to date, 92% of which has achieved LEED Gold. LEED certification provides a process and system that integrates sustainable design strategies to support the Plan's objectives and bring the Plan to fruition. The Plan established the following LEED criteria:

- LEED Gold minimum (while striving for Platinum) for new construction and major building renovations over 5,000 square feet or \$10 million;
- LEED Gold for renovations and interior projects over 5,000 square feet or \$2.5 million;
- Seek design firms and construction companies with deep experience in green building certification and measured energy performance showing a successful track record of meeting or exceeding the Architecture 2030 Challenge;
- Provide staff training and occupant education on building systems to enable high performance buildings to operate at their potential; and
- Explore and pilot Zero Net Energy certification by 2025.

### **BU Wind**

In 2018, the University executed a Power Purchase Agreement (PPA) for a wind project in South Dakota to match 100% of the University's electricity demand. The project is designed to generate an average of 205,000 MWh of electricity each year from 48.6 MWs of generation capacity. This represents approximately 20 wind turbines and will provide a 53% reduction in Boston University's carbon footprint for campus operations beginning in 2020 when the project comes online.

The University has additionally hosted several workshops on large-scale renewable energy purchasing to enable other institutions and organizations to accelerate their own procurement processes. These workshops have been conducted in collaboration with the Boston Green Ribbon Commission and the Association for the Advancement of Sustainability in Higher Education (AASHE).

### **Groundwater Recharge**

Portions of the University's campus sit within the Groundwater Conservation Overlay District. The University owns most of the historic brownstones along Bay State Road, which

are protected by the district, and has worked with the City to ensure that groundwater levels are maintained in this area. Groundwater recharge is also incorporated in all new major construction projects on the campus through environmentally sensitive site design and best practices in stormwater management.

### City of Boston Programs

- Green Ribbon Commission: Boston University has been a member and supporter of the City of Boston's Green Ribbon Commission since its inception. President Brown sits on the Green Ribbon Commission and the Carbon Free Boston Working Group. The University is also actively participating in the Commission's Higher Ed Working Group, a collaborative body of Boston area academic institutions convening around emerging and best practices on energy efficiency, large scale renewables procurement, climate preparedness, green labs, etc.
- Carbon Free Boston: Boston University's Institute for Sustainable Energy developed the process and implemented the analysis and reporting for Carbon Free Boston to help the City understand the policies and programs that need to be put in place if the City is going to meet its goal to be carbon free by 2050.
- Zero Waste Advisory Committee: The University participated in the City of Boston's Zero Waste Advisory Committee to make recommendations for nineteen Zero Waste options for implementation in the short-, medium- and long-term.

## 5. COMMUNITY BENEFITS

Boston University expresses the great value of its dynamic relationships with the City of Boston through the wide range of educational, cultural, social, legal, and medical community programs and services it provides. The University also makes direct financial contributions to the City of Boston in the form of real estate taxes, payment in lieu of taxes, and linkage payments. The University has a substantial impact on the local and regional economies through direct employment, purchased services, and student, faculty, and staff spending.

### NEW AND ENHANCED COMMUNITY PROGRAMMING SINCE THE 2013-2023 IMP

#### Scholarship Program Expansion – Boston Public School Transfer Students

Since the implementation of the 2013-2023 IMP, Boston University has expanded its signature community benefits program called the Boston Scholars Program. The Boston Scholars Program includes two types of scholarship awards for Boston Public School (BPS) students: the Thomas M. Menino Scholars (formerly known as the Boston High School Scholars) and the Community Service Award. In December 2016, Mayor Walsh and the University announced yet another expansion of the Community Service Award program to include incoming transfer students who are BPS high school graduates, beginning with the fall semester of 2017.

The recipients of these awards represent the talented and diverse population of the City, and many students who participate in the Boston Scholars Program are the first in their family to attend college. These awards provide BPS students the opportunity to graduate from college with a world class education and with little or no debt without having to leave their hometown.

Since 2017, 44 students have received approximately \$2.2 million in funding from this scholarship expansion.

### **Boston Women's Workforce Council**

In late 2016, the University embarked on another important new community benefit initiative in partnership with the City of Boston when it welcomed the Boston Women's Workforce Council to its Charles River Campus. The Women's Workforce Council is a public-private partnership tied to City Hall's Office of Women's Advancement, which strives to take measurable steps toward achieving pay equity.

The University is proud to now house the Women's Workforce Council at its Hariri Institute for Computing and Computational Science & Engineering, which undertakes collaborative, interdisciplinary data research initiatives aimed at providing positive societal impacts. The Hariri Institute has been partnered with the Women's Workforce Council for some time on gathering payroll data for the Council's pay equity initiative, making the Council's location at the University a natural next step in that partnership.

### **Summer Camp with Boston Centers for Youth & Families Leahy Holloran Community Center**

In 2017, Boston University launched a summer camp with the Boston Centers for Youth and Families (BCYF) Leahy Holloran that is led by University staff and coaches. Now in its third year, the summer camp provides 70 BCYF summer camp attendees the ability to participate in a two-day long program and experience the University's world class athletic facilities.

### **City Scholars Summer Fellows**

To continue to invest in the success of BPS graduates while they receive an education at Boston University, the University created the City Scholars Summer Fellows program in 2017. The City Scholars Summer Fellows program provides 10-week full-time paid fellowships at a competitive salary to Boston University sophomores or juniors that are BPS graduates. Funded by the University, the program allows students who show a commitment to public service and an interest in local government to get paid while gaining experience working for the City. Since inception, students have had paid fellowships within various City Hall departments and agencies, including the Boston Parks and Recreation Department, the Boston Planning and Development Agency, Health and Human Services, and the Boston City Council.

### **Boston University's Wheelock College of Education and Human Development Partnerships with BPS**

In June of 2018, Wheelock and Boston University's School of Education officially merged to establish Boston University's Wheelock College of Education and Human Development (Boston University Wheelock). Planning is well underway to develop the initiatives in teacher education and evidence-based research that will propel the new Boston University Wheelock into a leadership position for K–12 education at a major urban research university.

Having a positive impact in local and global communities remains central to everything the new colleges does, including through the following programs:

- Upward Bound and Upward Bound Math Science help prepare low-income and first-generation college students to succeed in higher education.
- The Aspire Institute connects educators, community partners, and families to improve education, human development, and community wellness.
- The Intergenerational Literacy Program offers English literacy classes to immigrant parents and children.
- Jumpstart allows Boston University Wheelock students to mentor preschoolers in Boston's South End neighborhood.
- The Earl Center of Innovation and Learning allows teachers and students to explore technological advances and innovative practices.
- Educators Rising Boston University gives high school students hands-on teaching experiences.
- The American Association of Colleges for Teacher Education Holmes Scholars Program provides mentorship and professional support to doctoral students from underrepresented communities.

### **ECONOMIC IMPACTS**

Boston University is the fourth largest private research university in the nation, the third largest private employer in the City of Boston, and the 14th largest employer in the Commonwealth. Founded in 1839 and chartered in 1869, the University has grown to include 17 schools and colleges offering more than 300 programs of study. The University received \$579.4 million in sponsored research awards in FY2019 and is the first private university invited to join the prestigious Association of American Universities since 1995.

The University places a strong emphasis on excellent scholarship and outstanding teaching as well as path-breaking interdisciplinary research, with major initiatives in neuroscience, systems biology, photonics, engineering biology, data science, urban health, global health and development, and emerging infectious diseases, as well as research in communications and the humanities. With more than 34,000 students from all 50 states and more than 140

countries, and over 10,000 faculty and staff, discoveries and advances take place on the three Boston campuses with exciting frequency. U.S. News & World Report ranks Boston University among the top universities at 42nd nationally and 46th globally and named the University one of the nation's "Most Innovative Universities" for 2018.

The University has an annual operating budget of \$2.5 billion and generates approximately \$3 billion annually in economic activity. Boston University provides over \$11 million annually in financial aid to graduates of the BPS and contributes over \$6 million per year in PILOT payments to the City.

**Table 1: Financial Contributions to the City of Boston**

<b>Financial Contributions</b>	<b>Total</b>	<b>Status</b>
FY2013 PILOT Payment	\$6,043,373	Paid
FY2014 PILOT Payment	\$6,043,376	Paid
FY2015 PILOT Payment	\$6,043,376	Paid
FY2016 PILOT Payment	\$6,100,000	Paid
FY2017 PILOT Payment	\$6,100,000	Paid
FY2018 PILOT Payment	\$6,100,000	Paid
FY2019 PILOT Payment	\$6,300,000	Paid
<u>Castle Renovations DIP Agreement</u>		
Housing Exaction	\$8,340	Paid
Jobs Exaction	\$1,670	Paid
<u>Dental School DIP Agreement</u>		
Housing Exaction	\$792,300	\$113,186 Paid
Jobs Exaction	\$158,650	\$79,325 Paid

### **Transportation and Infrastructure**

Boston University contributes directly to projects that benefit Boston and the surrounding area, including providing matching dollars to city, state, and federal sources to improve the regional transportation network. The Commonwealth Avenue Improvement Project, which the University began in conjunction with City of Boston, state, and federal agencies in 2007, is a prime example of the many public-private partnerships in which the University has participated.

The University has committed more than \$13 million to Commonwealth Avenue Phases 1 and 2, as well as funding for the Kenmore Square Project. Construction and design costs for these projects totaled over \$44 million. Commonwealth Avenue Phase 1 was completed in 2015, and Phase 2A was completed in late summer of 2019.

### Scholarship Aid

The University's longstanding commitment to education extends well beyond its campus boundaries, as is evident in its scholarship programs. Since the 2013-2023 IMP, the University committed a total of \$78.8 million in scholarship money to more than 2,200 students. The amount of aid offered in FY2018 is broken down by program in Table 2, Scholarship Aid.

**Table 2: Scholarship Aid**

Scholarship Program	Amount Offered in FY2018	Number of Recipients
Boston Scholars Program	\$11,750,890	269
Community Service Award	\$7,092,209	176
Thomas Menino/Boston High School	\$4,658,681	93
Cardinal Medeiros	\$2,370,570	47
Boston City Employees	\$507,781	51
SPH Health Care	\$38,232	6
Roxbury Community	\$101,960	2
Bunker Hill Community	\$101,960	2
Total	\$26,622,283	646