



MAYOR'S PILOT TASK FORCE
Community Contribution Report
May 14, 2009

EXHIBIT I
BENEFITS TO THE CITY OF BOSTON FROM BOSTON UNIVERSITY

Direct Payments

| | FY 2008 | FY 2003-2008 |
|---|---------------------|----------------------|
| Tax, In Lieu of Tax, and Linkage Payments | | |
| Net Real Estate Tax (3,058,342 sq. ft. on 106 properties) | \$ 4,022,705 | \$ 23,381,880 |
| Payments In Lieu of Tax ⁽¹⁾ (2,023,240 sq. ft. on 10 properties) | 4,664,692 | 23,477,026 |
| Linkage Payments (School of Management, Photonics, and National Emerging Infectious Diseases Lab) | 192,389 | 1,066,834 |
| Subtotal, Tax, Payments In Lieu of Tax, and Linkage Payments | \$ 8,879,786 | \$ 47,925,740 |
| Miscellaneous Fees | | |
| Routine Permits, Inspections, and Fees | \$ 233,053 | \$ 884,086 |
| Major Construction Fees and Permits | 235,296 | 4,245,463 |
| Parking Licenses and Rentals | 36,236 | 218,124 |
| License Renewals - Food, Liquor and Entertainment | 45,425 | 175,143 |
| Subtotal Miscellaneous Fees | \$ 550,010 | \$ 5,522,816 |
| TOTAL DIRECT PAYMENTS | \$ 9,429,796 | \$ 53,448,556 |

(1) The PILOT agreement with the City of Boston is for a period of twelve years (FY2000 - FY2011). For each fiscal year of the term, the amount payable by the University is determined by inflating the base amount (\$2,796,051) by an annual adjustment percentage (never to be less than 2% or more than 6%). In addition to the inflation adjustment, the University is obligated to make payments for new buildings constructed in the City of Boston, which would be exempt from taxation based on the following schedule:

- \$1.00 per usable square foot for laboratory, research, and affiliated office space;
- \$0.50 per usable square foot for academic and classroom space;
- \$0.75 per usable square foot for recreation or sports facilities.

No payments are required for space used for housing or parking.

BENEFITS TO THE CITY OF BOSTON FROM BOSTON UNIVERSITY

Scholarships, Initiatives, and Services

| | FY 2008 | FY 2003-2008 |
|---|----------------------|-----------------------|
| Scholarships (total value or awards made available, not actual expenses incurred) | | |
| Boston High School - awarded to seniors graduating from Boston Public High Schools | \$ 7,489,434 | \$ 39,064,888 |
| Boston City Employees - awarded to full-time city of Boston employees taking part-time classes | 345,114 | 1,381,492 |
| Boston Teacher - awarded to city of Boston teachers for enrollment in one class | 9,700 | 173,014 |
| Cardinal Medeiros - awarded to seniors graduating from parochial high schools in the Archdiocese of Boston | 1,798,895 | 9,410,768 |
| City Lab - awarded to high school graduates to participate in the biotechnology certificate program and obtain employment in the field | 214,620 | 651,524 |
| Community Health Scholars - awarded to public health practitioners to pursue an MPH part-time | 117,936 | 901,420 |
| Roxbury Community College - awarded to a student transferring from Roxbury Community College | 34,930 | 99,790 |
| Subtotal Scholarships | \$ 10,010,629 | \$ 51,682,896 |
| Step UP Initiative (includes salaries, overhead, transportation, etc.) | \$ 329,125 | \$ 329,125 |
| The city-wide project that directs key resources from BU and four other top universities to ten Boston Public Schools. The goal is to give Boston students the best education possible and to help them reach their full potential. | | |
| Athletic/Recreational Facilities | \$ 233,669 | \$ 1,292,164 |
| Includes donated ice time, use of athletic fields, gyms, department vans, FitRec Facilities, Track & Tennis Center and distribution of free tickets to sporting events) | | |
| Physical Plant | | |
| Commonwealth Avenue Capital Improvement | \$ 2,418,854 | \$ 2,507,754 |
| Trash Pickup | 110,000 | 1,196,489 |
| Street Cleaning and Services | 890,720 | 5,056,116 |
| Street and Sidewalk Snow Removal | 299,671 | 3,141,355 |
| Subtotal Physical Plant | \$ 3,719,245 | \$ 11,901,714 |
| Boston University Police Department (serving Charles River Campus and the Medical Campus) | | |
| Parking Tickets Issued by University Police | \$ 18,225 | \$ 125,225 |
| Parking Meter Rentals | 26,317 | 96,867 |
| Police Details | 93,045 | 764,784 |
| Salary and Benefit Expense | 8,144,056 | 41,388,997 |
| Operating Expense | 884,959 | 4,412,139 |
| Capital Expense | 86,379 | 722,879 |
| Subtotal Police Department | \$ 9,252,981 | \$ 47,510,891 |
| TOTAL SCHOLARSHIPS, INITIATIVES, AND SERVICES | \$ 23,545,649 | \$ 112,716,790 |

EXHIBIT II

BOSTON UNIVERSITY'S ECONOMIC IMPACT ON THE CITY OF BOSTON

(As of June 30, 2008)

I. OVERVIEW

Boston University has been and continues to be a major resource to the City of Boston. This report describes Boston University's economic impact on the City of Boston and the University's programs and services that contribute positively to the quality of life in the City. It documents how the local economy and citizens benefit from a combination of all Boston University spending (including the spending of students and their out-of-state visitors); the employment opportunities that result from University spending; and the many cultural, educational, and social services that are offered by University faculty, staff, and students.

Boston University's economic impact on the City of Boston totaled more than \$1.16 billion in FY-2008, and the University accounted for a total of 14,578 jobs in the City. The University directly employed 12,954 individuals who lived in Boston, and an additional 1,624 jobs resulted from University spending. Overall, Boston University is the fourth-largest employer in the City of Boston. The following exhibit (Table 1) summarizes the economic and employment impact on the City.

| | <u>City of Boston</u> |
|--|---------------------------|
| Boston University's Direct Spending for Employee Salaries & Benefits and the Purchase of Goods and Services | \$486,415,452 |
| Direct Spending by Boston University Students and Their Out-of-State Visitors | \$248,876,822 |
| Additional Spending Created by Boston University's Spending and the Spending by Boston University Students and Their Out-of-State Visitors | \$428,673,017 |
| TOTAL ECONOMIC IMPACT | \$1,163,965,291 |
| TOTAL EMPLOYMENT IMPACT | 14,578 JOBS |

II. THE BOSTON UNIVERSITY COMMUNITY IN THE CITY OF BOSTON

The Boston University community in the City of Boston comprises more than 39,000 people. That number would increase several-fold if we included the spouses and dependents of our employees, the parents and siblings of our students, and the families of our alumni. The Boston University community is presented in Table 2.

| | City of Boston |
|--------------------------|-------------------|
| EMPLOYEES ⁽²⁾ | 4,310 |
| STUDENTS | 21,270 |
| ALUMNI | 13,596 |
| TOTALS | 39,176 |

⁽¹⁾ Based on home addresses of employees and alumni, and local addresses of students.
⁽²⁾ Employee counts exclude 8,644 student employees in FY2008.

The Employees of Boston University

The employees of Boston University include the faculty and staff on the Charles River Campus, the Medical Campus, and the Boston University Academy, as well as those based at other sites including Tanglewood, Woods Hole, and numerous area hospitals. In accordance with accepted reporting practices, we also include the employees of Boston University's subsidiary corporations, 660 Corporation, University Inn, LLC, and Lure Restaurant Group, LLC, and the employees hired by four management firms that provide the University's food services (ARAMARK and SportService) and parking services (Curbside and Standard Parking). The 660 Corporation, a for-profit entity that is subject to appropriate federal, state, and local taxes, operates the University's convenience stores. University Inn and Lure Restaurant Group are for-profit entities that are also subject to appropriate federal, state, and local taxes, and operate the Hotel Commonwealth and its restaurants.

As shown in Table 2, Boston University employed 4,310 City of Boston residents in FY-2008. This figure excludes the University's 8,644 student employees, and includes all full-time, part-time, and casual employees.

Boston University Students

With 32,735 students enrolled in the fall of 2007, Boston University was the fourth-largest independent institution of higher education in the United States and the largest in Massachusetts. Eighty percent of the students enrolled full-time, and 40% were in graduate or professional programs. Table 2 shows that 21,270 students resided in the City of Boston during the academic year. In FY-2008, a total of 10,656 students lived in University residences in the City of Boston. Boston University houses 72.5% of its full-time undergraduate students.

Boston University Alumni

Nearly 13,600 alumni of Boston University reside in the City of Boston. It is also worth noting that a significant percentage of the University's out-of-state students subsequently become residents of the City upon graduation. A recent study showed that 8.1% of the out-of-state freshmen who came to Boston University from fall 1999 to fall 2003 still reside in the City of Boston.

In 1986, Boston University established the Boston University Community Service Center to provide faculty, staff, and alumni with volunteer opportunities in the community. The volunteer opportunities include programs in youth tutoring, youth recreation, collecting food for shelters, delivering meals to homebound people with AIDS, and recycling. In FY-2008, an estimated 2,000 volunteers spent more than 70,000 hours in volunteer community service programs offered through the Community Service Center. Other examples of community involvement are reported in the Social Programs and Services section of this report.

III. ECONOMIC IMPACT

The economic impact of Boston University on the City of Boston totaled more than \$1.16 billion for FY-2008 (the fiscal year ending June 30, 2008). As summarized in Table 3, this consists of direct spending by Boston University (\$486.4 million); Boston University students (\$219.3 million); and the students' out-of-state visitors (\$29.5 million). It also includes the indirect spending (\$428.7 million) that is generated by the direct spending.

| | City of Boston |
|--|----------------------|
| DIRECT BOSTON UNIVERSITY SPENDING | |
| Salaries and Benefits | \$200,588,512 |
| Purchased Goods and Services | \$285,826,940 |
| Total Salaries, Benefits, and Purchases | \$486,415,452 |
| DIRECT STUDENT AND VISITOR SPENDING | |
| Student Spending | |
| Essential Living Expenses | \$181,101,645 |
| Non-essential Purchases | \$38,250,272 |
| | \$219,351,917 |
| Out-of-State Visitor Spending | \$29,524,905 |
| Total Student and Visitor Spending | \$248,876,822 |
| TOTAL DIRECT SPENDING | \$735,292,274 |
| INDIRECT SPENDING CREATED BY THE DIRECT SPENDING OF THE UNIVERSITY, ITS STUDENTS AND THEIR OUT-OF-STATE VISITORS | \$428,673,017 |
| TOTAL ECONOMIC IMPACT | \$1.16 B |

What does Boston University spend?

Boston University's direct spending consists of expenditures for employee salaries, employee benefits, and the purchase of goods and services. These direct expenditures are used in conjunction with the appropriate economic multipliers from the U.S. Department of Commerce to compute the resulting levels of indirect spending. Table 4 shows Boston University's expenditures for salaries and benefits as well as the economic impact of the expenditures. Similarly, Table 5 shows the University's expenditures for the purchase of goods and services and the resulting economic impact.

Employee Salaries and Benefits: As shown in Table 4, the economic impact of Boston University's expenditures for salaries and benefits totals nearly \$349 million in the City of Boston. These figures do not include additional income earned by University faculty and staff for professional consulting, publishing, or lectures.

In FY-2008, Boston University spent a total of \$200.6 million on salaries and benefits for employees living in the City of Boston (\$160.1 million on salaries and \$40.5 million on benefits).

| TABLE 4 BOSTON UNIVERSITY FY 2008 EMPLOYEE SALARIES AND BENEFITS | |
|--|----------------------|
| | City of Boston |
| SALARIES | \$160,068,100 |
| BENEFITS | |
| FICA | \$10,535,667 |
| Pensions | \$10,461,472 |
| Health Insurance | \$12,004,444 |
| Tuition Remission | \$4,424,884 |
| Workers Compensation | \$764,525 |
| Unemployment Compensation | \$613,854 |
| Life Insurance | \$402,413 |
| Disability Insurance | \$746,080 |
| Other | \$567,073 |
| TOTAL BENEFITS | \$40,520,412 |
| TOTAL SALARIES AND BENEFITS | \$200,588,512 |
| ECONOMIC IMPACT | \$348,502,479 |

Purchases of Goods, Services, and Capital Expenditures: In FY-2008, Boston University purchased a wide variety of goods and services from 3,482 City of Boston companies (see Table 5). These purchases ranged from paper clips to trucks, sophisticated computer equipment, architectural designs, and construction contracts.

The economic impact of Boston University's purchases totaled more than \$383.0 million in the City. The purchases included nearly \$158.0 million of capital expenditures made to City of Boston contractors for large-scale construction and renovation projects designed to improve Boston University's physical facilities. These capital expenditures have supported the University's continuing commitment to enhancing student life on campus.

Boston University has made major investments in improving the student experience through outstanding new housing and dining options, enriched academic facilities, and programming that helps build community. In FY-2008, construction continued on Phase 2 of the John Hancock Student Village, a new apartment-style residence that will house an additional 960 students and is scheduled to open for fall 2009. With this addition, Boston University will house 80 percent of its undergraduates, a significant step toward its goal of 85 percent.

Housing is also a critical issue on the Medical Campus because of the premium on safe, affordable residences in Boston's South End. In 2007, the University approved the purchase of land for a residence at Albany and Fellows streets, a location that will support the around-the-clock schedules of medical students and residents. The purchase occurred in fiscal 2008. Additionally, planning for construction of a new classroom building, which will incorporate a library, is under way on the Medical Campus.

TABLE 5
BOSTON UNIVERSITY
FY 2008 PURCHASES OF GOODS AND SERVICES

| | City of Boston |
|---------------------------------|----------------------|
| NO. OF VENDORS & CONTRACTORS | 3,482 |
| OPERATING EXPENDITURES | \$127,843,135 |
| CAPITAL EXPENDITURES | \$157,983,805 |
| TOTAL GOODS AND SERVICES | \$285,826,940 |
| ECONOMIC IMPACT | \$383,064,221 |

What do our students and their out-of-state visitors spend?

The economic impact of the spending by Boston University students and their out-of-state visitors totals nearly \$432.4 million in the City of Boston. The details are presented in Table 6 on the following page, and they are discussed below.

Boston University students spend an estimated \$219.4 million in the City, above and beyond their tuition, room, and board payments to the University. This consists of approximately \$181.1 million for basic or essential living expenses (such as books, transportation, other incidentals, and off-campus housing) and another \$38.3 million on non-essential expenses (including entertainment, health clubs, private music and dance lessons, cable television, etc.).

In addition to student spending, Table 6 shows that spending by the out-of-state visitors to Boston University students totals more than \$29.5 million in the City of Boston. As a point of reference, more than 79% of the University's fall 2007 entering freshmen were from out-of-state, and nearly 66% of the total student body were from out-of-state.

| | City of Boston |
|--|----------------------|
| STUDENT SPENDING ⁽¹⁾ | |
| Spending on Essentials/Basics | |
| Academic Year | \$175,626,152 |
| Summer Term | \$5,475,493 |
| | <u>\$181,101,645</u> |
| Spending on Non-essentials | |
| Academic Year | \$35,057,550 |
| Summer Term | \$3,192,722 |
| | <u>\$38,250,272</u> |
| Total Student Spending | \$219,351,917 |
| Number of Students | 21,270 |
| SPENDING BY OUT-OF-STATE VISITORS TO BOSTON UNIVERSITY STUDENTS | |
| | \$29,524,905 |
| TOTAL STUDENT AND VISITOR SPENDING | \$248,876,822 |
| ECONOMIC IMPACT | \$432,398,589 |
| <small>(1) Student Spending excludes tuition, fees, and other expenses paid directly to Boston University.</small> | |

What financial resources does the University attract to the area?

Boston University's outstanding reputation as an educational and research institution attracts substantial financial resources to the local area. These include tuition income from out-of-state and international students; federal and private funding for research and financial aid; financial gifts from out-of-state alumni; and spending by out-of-state visitors. Specific examples for FY-2008 are outlined below.

- More than \$612 million of tuition and fee income was brought into the City by Boston University's out-of-state students who constitute nearly 66% of the University's enrolled students. A portion of that money is from the University's 4,789 international students.
- Boston University received nearly \$237 million of federal funding through grants and contracts for research and training.

- Boston University received more than \$18 million of federal student aid funds.
- Boston University received \$243.8 million from foundations, private corporations, and other non-federal sources for research, training, and student aid.
- Boston University alumni, friends, corporations, and foundations donated nearly \$80 million to the University and nearly \$50 million of that amount was from sources outside of the Commonwealth of Massachusetts.
- More than \$29.5 million was spent locally by out-of-state visitors to Boston University students.
- Millions of additional dollars were spent locally by the tens of thousands of people who came to Boston to attend University events including homecoming, athletic events, cultural and social events, reunion programs, colloquia, and professional development programs.

What direct payments and services are provided to local communities?

Boston University makes significant contributions to the City of Boston through a combination of direct payments and services. The direct payments include payments in lieu of taxes; real estate property taxes; linkage payments; and payments for permits and license renewals. Boston University also performs many municipal services which otherwise would have to be funded by the community. Specific examples for FY-2008 are outlined below.

- Boston University and its subsidiary corporations paid more than \$4.0 million in real estate property taxes to the City of Boston. Since FY-1981, the University has paid almost \$23.4 million in real estate property taxes to the City of Boston.
- Boston University paid nearly \$4.7 million to the City of Boston for voluntary payments in lieu of taxes. Since FY-1981, these payments total nearly \$43.0 million.
- Boston University paid more than \$192,000 in linkage payments to the City of Boston. Since FY-1981, these payments total almost \$1.1 million.
- Boston University employs its own Police Department and residential security staff, consisting of 53 police officers, and 96 security guards who provide protection to the University community, including neighboring property, 24 hours a day, seven days each week. The police force is a deterrent to crime in the neighborhoods close to the Charles River Campus, and its members patrol the Medical Campus in the South End, helping to reduce crime in that area. University Police also provide backup assistance to the Boston, Brookline, Cambridge, and Massachusetts State Police when needed.
- As part of the Ride-Along Program, the University's Director of Community Relations accompanies Boston and Brookline police patrols that respond to off-campus party and noise complaints. The director notifies the Dean of Judicial Affairs regarding issues involving off-campus student violations of the student code.
- As part of their campus patrol, Boston University police officers issue parking tickets on behalf of the City of Boston. More than 1,400 such tickets with an aggregate value of \$18,225 were issued in FY-2008.
- Boston University provides daily maintenance of sidewalks, MBTA tracks, and streets around the campus. The University removes snow and trash. It also plants and repairs trees and does pest control. In FY-2008, the cost of these activities totaled nearly \$1.2 million.
- Boston University pays City of Boston police details for work at construction projects and high-attendance events. In FY-2008, these payments totaled more than \$93,000.

- Boston University manages its own rubbish removal program. In FY-2008, the University paid private contractors \$110,000 for rubbish removal services on the Charles River Campus.

IV. EMPLOYMENT IMPACT

In FY-2008, more than 14,500 jobs in the City of Boston were attributable to Boston University. The University and its subsidiary corporations directly employed 12,954 individuals who lived in the City, and an additional 1,624 jobs were required to support the more than \$1.16 billion of direct and indirect spending attributable to Boston University in the City of Boston. The additional or indirect jobs were computed using employment multipliers provided by the U.S. Department of Commerce. According to a report by the Boston Redevelopment Authority, Boston University is the fourth-largest private employer in Boston. Boston University's employment impact is summarized in Table 7.

| TABLE 7 BOSTON UNIVERSITY FY 2008 EMPLOYMENT IMPACT | |
|---|---------------------------|
| | <u>City of Boston</u> |
| DIRECT JOBS ⁽¹⁾ | 12,954 |
| INDIRECT JOBS | <u>1,624</u> |
| TOTAL JOBS | 14,578 |

(1) Includes 8,644 student jobs in FY2008.

EXHIBIT III

BOSTON UNIVERSITY'S SOCIAL PROGRAMS AND SERVICES IN THE CITY OF BOSTON

(As of June 30, 2008)

In addition to the monetary impact Boston University has on the city of Boston, numerous community programs and services are funded directly by the University or indirectly through research grants and support from various foundations. These programs include neighborhood health centers; Boston Scholarships; academic enrichment and remedial help programs; free or discounted concerts and lectures; the University-owned and -supported radio stations; the use of recreational facilities for high school competitions; and the many community volunteer programs that are coordinated by the University's Community Service Center (CSC). The CSC provides volunteers with opportunities to address community concerns in a meaningful and mutually beneficial way. More than 2,000 volunteers serve through CSC and other Boston University programs or services at more than 160 agencies annually. A representative listing of programs and services with brief descriptions follows. Programs and services specific to Boston are listed in section A. Those that provide services to the Boston community and beyond are listed in section B.

A. BOSTON SPECIFIC PROGRAMS AND SERVICES

EDUCATIONAL

Afterschool Programs Volunteers provide homework assistance and recreational activities for students of all ages. Specific sites include Head Start Jamaica Plain, the Smith Leadership Academy Charter School in Dorchester, Tenacity at the Reggie Lewis Center, and Mission SAFE in Roxbury. *Information: 617-353-4710*

Boston High School Scholarship Program Every year, Boston University provides approximately 20-25 full-tuition, four-year scholarships to students who graduate from Boston public high schools. Since its inception in 1973, the Boston High School Scholarship Program has awarded more than \$125 million in scholarships to some 1,719 students. The scholars are selected by a three-person committee comprised of representatives from the University, the Boston Public Schools, and the Mayor's office. BU Undergraduate Admissions hosts an annual informational breakfast for Boston's guidance counselors. Interested students at the public high schools are encouraged to attend the presentation, which is provided by an admissions representative. Boston University is also committed to rewarding academic achievement and ensuring that a BU education is available to as many qualified students as possible from the Boston Public High Schools. Beginning with the freshmen enrolling in fall 2009, the University will award need-based grants sufficient to meet students' eligibility for need-based assistance without an expected loan commitment to all admissible students. These awards are also renewable for up to eight semesters (four years) of undergraduate study when the student maintains academic and financial need requirements. *Information: 617-353-9418*

Boston Scholars Academic Orientation & Retention Support Boston University offers a one-week academic orientation to the Boston High School Scholars in advance of their freshman year. Through a program of interdisciplinary study, which is taught by University faculty, students experience college-level lectures, practice college-level writing, and participate in discussion groups. Retention support for enrolled Scholars is provided through extensive advising services. *Information: 617-353-3551*

Boston University / Boston Schools Collaborative This collaborative program provides a variety of services and access to University resources for selected Boston public schools. Services include technical assistance and professional development activities for teachers and school administrators, as well as a variety of higher education awareness and academic support programs for students. *Information: 617-353-3551*

Boston University Initiative for Literacy Development (BUILD) This School of Education program, formed in 1997, is a cooperative effort by the Boston University/Boston Public Schools Collaborative, the Student Employment Office, and the Financial Assistance Office at Boston University. With federal Work-Study funds made available by the University in support of the federal America Reads and the local Read Boston programs, 130 literacy tutors provide assistance at seven afterschool programs, six in-school programs, and one community-based program, serving elementary school children in Boston and Chelsea. *Information: 617-353-3551.*

Boston University Science & Mathematics Education Center In 1990, responding to the need for innovation in science and mathematics education, faculty at Boston University established the Boston University Science & Mathematics Education Center. This Center helps scientists and mathematicians share their expertise with middle and high school teachers and their students. Faculty who initiate curriculum and educational development projects in these areas receive support from the Center, and local teachers, in turn, share their insights with University faculty. *Information: 617-353-7100*

Cardinal Medeiros Scholars The Cardinal Medeiros Scholarship Program awards scholarships annually to graduating seniors from Catholic high schools in the Archdiocese of Boston. The recipients of the four-year, full-tuition awards are nominated by their schools and are chosen for their academic achievement, leadership ability, and contributions to their schools and communities. Scholarships are awarded by a committee of representatives from Boston University Undergraduate Admissions and the Archdiocese of Boston. Since its inception in 1986, the University has offered more than \$28 million in scholarships and has admitted 291 scholars. *Information: 617-353-2320*

CityLab It has been well documented that elementary and secondary schools often lack the resources and expertise necessary to provide students with hands-on science experiences that have human health applications. CityLab is a regional biotechnology learning laboratory that provides such scientific experiences via its well-received curriculum supplements for middle and high school students and their teachers. Located in an urban medical center, CityLab is the umbrella under which the Boston University School of Medicine (BUSM) concentrates its extensive pre-college science education efforts. It is a hands-on, inquiry-based biotechnology laboratory program that was established in 1991 and has since served more than 65,000 students. CityLab has two dedicated laboratories at BUSM and, with the introduction of a mobile biotechnology laboratory (MobileLab) in 1998, CityLab now serves approximately 6,000 students per year in grades 7–12. It has evolved as a successful model for both local and national efforts to improve pre-college science education, as evidenced by the long waiting lists to secure a visit to the BUSM CityLab or MobileLab and by the growing number of CityLab satellites and mobile laboratories (presently eight satellite locations and three MobileLabs) that have replicated many facets of this program. The BUSM CityLab has also disseminated its curriculum supplements directly through school visits and teacher workshops and indirectly through the satellites and mobile laboratories to hundreds of teachers who have incorporated the units into their teaching. To date, an estimated 275,000 students have participated in a laboratory experience that utilizes CityLab materials.

Boston University, through its commitment to CityLab, is particularly sensitive to the needs of the local community, striving to enhance student and teacher access to state-of-the-art laboratory space, equipment, and pedagogical resources in molecular biology. Such opportunities for teachers and students are often beyond the means of even the most affluent schools, yet authentic opportunities to actively use the concepts and techniques associated with the burgeoning science of molecular biology is a necessity if students are to reap the benefits of the growing biotechnology and clinical research industries in our region. CityLab, through utilization of both its mobile laboratory and on-site laboratories at the School of Medicine, commits 56 class visits exclusively to Boston Public Schools each year. This amounts to an estimated in-kind contribution of \$45,000 per academic year. In addition, CityLab provides \$500 scholarships to Boston Public School students who attend the SummerLab Biotechnology Program held each year during the first week in August. Boston University's CityLab looks forward to maintaining its continued support of teachers and students in Boston Public Schools by providing access to laboratory-based learning experiences in biotechnology, molecular biology, and clinical sciences. *Information: 617-638-5623*

CityLab Academy is a free BUMC academic and job skills training program for graduates of Boston high schools that are interested in pursuing a successful career in biotechnology. CityLab Academy offers a rich nine-month life sciences training program and scholarships for qualified applicants. Students take two courses during the fall and two courses during spring semesters. Coursework consists of classes in Medical Terminology, Introduction to Biomedical Laboratory Sciences, Biotechnology and Cell Culture Techniques. Tuition is free and includes books, calculators and bus passes for all students. Scholarships for this program have been funded, in part, by a contribution of more than \$866,000 from Boston University over the last three years. In fiscal 2008, Boston University provided \$214,620 in scholarships.

The nine month academic program takes place between September and May; classes are held Mondays through Fridays from 5:30-8:30 pm on the Boston University Medical Campus in the South End. In addition to science-based courses, CityLab Academy provides students with life and job skills seminars and internship and job shadowing opportunities to help ensure job success. Boston University graduate students act as mentors throughout the nine month program.

Upon completion of the program, CityLab Academy students receive a Certificate in Biomedical Laboratory Sciences and are awarded twelve undergraduate credits from Boston University's Metropolitan College. Past CityLab Academy graduates have obtained jobs at Genzyme, Pierce Biotech, Boston Scientific, and Boston Medical Center. For more information on CityLab Academy, visit <http://www.bu.edu/citylabacademy>

COACH (College Opportunity and Career Help) This program provides a corps of Boston University students serving as coaches for the college awareness and college application process for students at Charlestown High School and English High School in Boston. From October through May, coaches meet weekly with small teams of juniors and seniors using curriculum materials developed by the Education Resources Institute. The University contributes program costs of approximately \$16,000. *Information: 617-353-3551*

Early Learning Center Serving children between the ages of three and seven, this public preschool program, which operates from 8 a.m. to 5 p.m., offers both instruction and afternoon enrichment activities. Boston University provides the instructional staff for the afternoon hours. The Center opened in 1987 with the assistance of faculty from Boston University, Wheelock College, and Simmons College, and with personnel from the Boston Public Schools system. It has become a national model for early

education programs. The program has its own facility located in the Baldwin School in Brighton.
Information: 617-353-3551

Field Placements of Education Students All students pursuing licensure programs in the School of Education must complete field placements in an appropriate school or community agency. The School has been linked with local public schools since 1918, and has placed thousands of Boston University students in classrooms. Students assist teachers and social service agencies in the Boston area and throughout the world. *Information: 617-353-3212*

Scholarship Assistance The University annually provides a continuing investment in the educational future of the City of Boston, its young people, and other members of the community. In addition to the Boston Scholars Program, BU offers annual special scholarship programs for Boston City employees, Boston teachers, graduates of nearby Brookline and Chelsea high schools, graduates of local Archdiocesan schools, and children of Boston and Brookline firefighters killed in the line of duty. The cumulative expenditure for all such scholarships since 1980 is more than \$128 million. *Information: 617-353-2328*

School of Education Consortium Council Since 1977, the School of Education (SED) has sponsored a consortium of seven local public school districts, including a Boston Public School Cluster and a number of human service agencies. These units are represented on the School of Education Consortium Council that also includes faculty members from the School of Education. SED students complete fieldwork in a variety of settings offered by the Consortium. The Council members advise the School of Education faculty on matters of curriculum as well as those related to the SED student placement and practicum experiences. In exchange, Boston University provides the funding for educational projects within the Consortium's districts and member agencies. Among such projects have been after-school enrichment programs, artist-in-residence series, and participation in a literacy workshop for teachers at the secondary level. *Information: 617-353-3212*

Step UP Boston University is part of a five-university collaboration with the City of Boston and the Boston Public Schools. Working with two partner schools — the William M. Trotter Elementary School in Dorchester and the Boston English High School in Jamaica Plain— as well as all ten schools involved in the initiative, the University provides specific programs and initiatives that respond to needs identified by the partner schools. Coordinated services offer academic support for schools, quality extended learning opportunities, health and wellness programs, and opportunities for parent engagement.
Information: 617-353-3551

Upward Bound and Upward Bound Math / Science These programs provide academic enrichment and remedial help, on an annual basis, to 125 Boston and Chelsea public high school students through intensive classroom work during the academic year and a six-week residential tutorial and enrichment program in the summer. The University contributes a portion of the housing and meal costs for participants, totaling more than \$81,000. *Information: 617-353-3551*

HEALTH CARE AND RELATED

The Boston University Medical Campus in the South End of Boston includes the **School of Medicine** and the **Division of Graduate Medical Sciences**; the **School of Public Health**; the **Goldman School of Dental Medicine**; and **Boston Medical Center (BMC)**. The Center was formed by the 1996 merger of the Boston

University Medical Center Hospital and Boston City Hospital. The BMC is the principal teaching affiliate of the Boston University School of Medicine. With its mission is to provide consistently accessible health services to all, Boston Medical Center is the largest safety net hospital in New England. This rich concentration of medical educators, researchers, and health care professionals represents a major resource for residents of the many Boston communities that receive direct services, especially the South End, South Boston, Roxbury, and Dorchester. **The Boston Medical Center** provides free care to patients unable to pay. Many projects run by the Medical Center are described below, but there are dozens of other contributions to health care delivery, preventive medicine, and education carried out by individuals throughout the Medical Campus. The **College of Health & Rehabilitation Sciences: Sargent College** and the **School of Social Work** on the Charles River Campus also offer a wide variety of physical and mental health care services to the community.

Action for Boston Community Development (ABCD) Head Start The School of Dental Medicine conducts Early Head Start oral health screenings for children enrolled in ABCD Early Head Start Centers located in Dorchester, East Boston, Bradshaw, and the South End. It also participates in ABCD parent workshops and provides a variety of dental health promotion activities. *Information: 617-638-5222*

Albert & Jessie Danielsen Institute Established to promote the benefits for human well-being of a close connection between psychology and religion, the Danielsen Institute consists of four endeavors: a mental health clinic, a training program for psychotherapists, an academic program, and a research center. Serving more than 600 people each year, the Danielsen Clinic provides mental health therapy, pastoral counseling, and psychiatric consultation to individuals, couples, groups, families, and special focus groups in the Greater Boston area. Fees are covered by many health insurance plans, and the Institute also offers sliding scale fees for self-pay cases.

The Danielsen Institute's Research Center for the Study of Religion & Psychology conducts research in many areas where psychology and religion interface, securing grants for large projects and guiding the research of students in the academic programs. Currently, the Center's largest research project, funded by the Metanexus Institute, concerns "religious and psychological well-being." The Danielsen Clinic is licensed by the Commonwealth of Massachusetts, accredited by the American Association of Pastoral Counselors, and affiliated with the Samaritan Institute. The Training Program provides placements for Boston University graduate students in the mental health field, psychology interns, post-master's social workers, and post-doctoral psychologists, and offers continuing education for area psychologists and social workers. The Program also provides training for psychiatry residents from local medical schools and residency programs. The internship program is accredited by the American Psychology Association. The Academic Program supports the study of pastoral psychology and psychology and religion in various degree programs in the Boston University School of Theology, as well as a doctoral program in Counseling Psychology and Religion in the Graduate School of Arts & Sciences. *Information: 617-353-3047 or www.bu.edu/danielsen/*

American Student Dental Association (ASDA) Oral Health Outreach at Yawkey Club This is an on-site dental health education, screening, sealant, fluoride, and referral program at the Yawkey Club, a Boys and Girl's Club in Roxbury. Program activities include an ASDA-planned dental health fair with dental "stations" focusing on various aspects of dental health, including brushing and flossing, the negative effects of tobacco on oral health, tooth protectors, the importance of regular dental visits, and the importance of healthy eating to promote good oral health. *Information: 617-638-5222*

Applied Professional Experience (APEX) Program This innovative educational program, established in 1989, provides first- and second-year dental students with the opportunity to work in a variety of community-based dental health centers in the Boston area. Dental students provide needed auxiliary services to the community health centers while gaining valuable experience in caring for the underserved population. The dental staff benefits from a cadre of experienced, well-educated interns while also gaining an opportunity to mentor future colleagues. Community health centers participating in the APEX Program include Boston Health Care for the Homeless, Boston Medical Center, Brookside Park Health Center, Codman Square Health Center, Dimock Community Health Center, Dorchester House, Geiger-Gibson Health Center, Lynn Community Health Center, South End Community Health Center, VAMC Bedford, and Whittier Community Health Center. *Information: 617-638-8523*

Arthritis Center This Center's staff is active in a number of community efforts for arthritis patients in the inner city of Boston, providing professional staff at the Boston University Medical Center and participating in community programs, including arthritis support groups, service on medical advisory boards, and speaking to patient groups. *Information: 617-638-4318*

Associated Early Care & Education This program provides affordable childcare for infants, toddlers, and preschool children of working families in the Greater Boston area. The School of Dental Medicine provides an oral health program offering dental health education, oral screenings, and fluoride varnish applications to children, as well as staff and parent training at the Jamaica Plain, Sunnyside, Ruggles/Gilday, and Castle Square sites. *Information: 617-638-5222*

Blackstone Elementary School Field Trip The School of Dental Medicine facilitates a field trip to the dental school for third-grade students from Blackstone Elementary School in the South End. Students and teachers participate in an interactive PowerPoint discussion about dental health and healthy eating, and enjoy creative dental activities in the Simulated Learning Center. A nutritious lunch is provided and "goody bags" containing toothbrushes, floss, and other oral health-related items are given out. During this annual event, the children are "dental students for a day," gaining exposure to various career options in dentistry. *Information: 617-638-5222*

Boston Area Health Education Center (BAHEC) This Center, founded in 1978 at Boston City Hospital, is part of the Boston Public Health Commission and provides academic enrichment activities, health education, and health-related internships for inner-city adolescents interested in pursuing health careers and professions on the Boston University Medical Campus. Special initiatives consist of a college/career information resource library, computer education classes, and an adult education exchange program. *Information: 617-534-5258*

Boston Asthma Games In partnership with the Boston Public Health Commission Van and Asthma Program, the School of Dental Medicine offers dental health information, education, and dental screenings to children with asthma and their families participating in this annual event. The Boston Asthma Games enables children with asthma to be physically active while learning to better treat and manage their asthma. The Asthma Health Project is an initiative of the Boston Public Health Commission and Children's Hospital in Boston. *Information: 617-638-5222*

Boston Coalition for Adult Immunization (BCAI) Each year, medical faculty and students participate in an immunization campaign for Boston's vulnerable residents. At BCAI flu clinics, students distribute immunization information in numerous languages, assist with informed consent processes, manage the

flow and activities, assist residents who have questions, and provide clinic management. *Information: 617-638-4194*

Boston Diabetes Expo The School of Dental Medicine collaborates with the Boston Public Health Commission, Blue Cross Blue Shield of Massachusetts, Delta Dental of Massachusetts, Harvard School of Dental Medicine, Massachusetts College of Pharmacy and Health Sciences, and the Forsyth Dental Hygiene Program to ensure a unified oral-health presence at the Boston Diabetes Expo. Oral health promotion and dental screenings are offered throughout the day. *Information: 617-638-5222*

Boston Health Care for the Homeless Program (BHCHP) Boston Medical Center assists the Boston Health Care for the Homeless Program to develop methods to improve their strategic planning, especially for funding. Department faculty assist with developing a data set regarding the use of sub-acute medical care provided to Boston's homeless population at the Barbara M. McInnis House and Betty Snead House, their two respite centers in Boston. The School of Public Health assists by demonstrating how utilization of these respite centers reduces hospital admissions, readmissions, and emergency utilization, thereby impacting the costs of care. *Information: 617-414-1321*

Boston Medical Center This hospital, the largest safety-net hospital in New England, provides care for Boston residents, particularly those from inner-city neighborhoods. Its clinical staff is composed exclusively of Boston University School of Medicine faculty members and physicians-in-training. *Information: 617-638-8000*

Boston Medical Center Adolescent Center Since 1977, Boston Medical Center has provided a teen-tot program for adolescent parents in the Boston area. The hospital also provides medical support to high school-based health centers and the Boston Public Schools. The Adolescent Center offers contraceptive counseling and care, HIV testing and counseling, and comprehensive medical care for adolescents. *Information: 617-414-4086*

Boston Medical Center Emergency Department Located at the Boston Medical Center, this emergency medical center is the largest 24-hour Level 1 trauma center in New England, with more than 126,000 visits last year. The School of Medicine plays a key role in training emergency medical personnel in the treatment of trauma victims. *Information: 617-638-8000*

Boston Medical Center's Partnership for Men's Health – Health Fair At this BMC health fair targeted to men, the School of Dental Medicine provides free oral health screenings and a wide range of information on various oral health topics such as oral cancer, children's oral health, tobacco, meth mouth, and use of tobacco. Students from both the Dental School and the Forsyth Dental Hygiene Program at MCPHS volunteer their services at this very large and informative cancer screening event. *Information: 617-638-5222*

Boston University Area Health Education Center For more than a decade, this Center has been working in urban neighborhoods under the auspices of the Boston Medical Center. The Center develops educational programs that help to support the primary-care practitioners who are already there and encourage medical students to go into primary-care practice in the inner city. The Center also arranges for medical students to provide services to many of the 25 Neighborhood Health Centers throughout the city, which provide high-quality, primary health care in neighborhoods where it would not otherwise be available. *Information: 617-638-5110*

Boston University School of Public Health Practice Office This office initiates, fosters, and strengthens collaborative practice, teaching, and community-based research linkages between the School of Public Health and government and community agencies. The office develops, expands, and promotes different types of community practice and service opportunities for students, faculty, and staff at the School. *Information: 617-638-4656*

Cancer Research Center This Center sponsors educational programs, and its staff conducts patient-care activities at the Boston Medical Center and other hospitals affiliated with the School of Medicine. *Information: 617-638-4173*

Car Seat Program Children's car seats—both booster and convertible—are distributed to low- and moderate-income parents who are Boston Medical Center HealthNet Plan members, through the social services department at the Boston Medical Center. The goal of the project, which was initiated through a grant from General Motors, is to reduce the probability of injury to young children. *Information: 617-414-5004*

Center for Addictions Research & Services The Boston University Center for Addictions Research & Services, based in the School of Social Work (BUSSW), addresses a broad range of addiction issues affecting individuals, families, and communities struggling with substance abuse, HIV/AIDS, and the problems of access to substance abuse treatment. *Information: 617-353-7222*

Center to Prevent Alcohol-Related Problems Among Young People The Center is expanding and enhancing the School of Public Health's (SPH) current alcohol-related research through collaborative projects and activities among researchers at SPH, the School of Medicine, and the Boston Medical Center. The Center includes three primary and three pilot research projects and also hosts seminars and workshops for the public. One study will investigate the after-effects of binge drinking on college students' academic performance. Another effort will evaluate the effectiveness of brief alcohol counseling for young patients presenting at hospital emergency departments. The Center also facilitates the development of campus/community partnerships in Massachusetts to identify and implement programs to reduce college alcohol-related problems. *Information: 617-437-1500*

Child Witness to Violence Project This counseling, advocacy, and outreach program, which is run under the auspices of the Division of Developmental and Behavioral Pediatrics at the Boston Medical Center, provides services to young children and their families who have witnessed community or domestic violence, and offers training for professionals who treat victims. The goals of this service are to provide direct counseling intervention to children and families who are referred to the program and to provide training and consultation to caregivers of children. *Information: 617-414-4244*

Comprehensive Care Program This program at Boston Medical Center enhances the quality of health services and social support for children with complex medical conditions. It is a primary-care program for children from birth to 18 years old, offering medical, case management, and home-visiting services. *Information: 617-414-4773*

Countdown to Kindergarten An annual event, Countdown to Kindergarten prepares preschool children for entry into kindergarten in the Boston Public Schools. The School of Dental Medicine participates each year in this celebration held at the Boston Children's Museum. With the assistance of Dental School student volunteers, a wide range of age-appropriate dental health activities and oral screenings are offered to the hundreds of children and parents in attendance. *Information: 617-638-5222*

Crispus Attucks Children's Center Oral health screenings are provided for children aged birth to six years enrolled in the Crispus Attucks Center. Students from the MCPHS Forsyth Dental Hygiene Program assist School of Dental Medicine faculty in providing these yearly dental screenings. Additionally, oral health training is provided for Crispus Attucks staff. *Information: 617-638-5222*

Dental Health Centers Through the School of Dental Medicine, Boston University provides quality dental care at reasonable rates to all residents of the Greater Boston community. Patients are served in two state-of-the-art clinics: at the Boston University Medical Center for the general public, and at a satellite facility on Commonwealth Avenue for the University community and their families. *Information: 617-638-4670 or 617-358-1000*

Entre Familia This residential program, associated with the Boston Medical Center Child and Adolescent Psychiatry Department, provides treatment programs for Latina women with substance abuse problems and their children. *Information: 617-534-2922*

Give Kids A Smile, Rosie's Place, Child Works Program The BUGSDM chapter of the American Association of Women Dentists (AAWD) holds an interactive, age-appropriate dental health fair for the children who accompany their mothers to Rosie's Place, a shelter for homeless, displaced, and battered women. In the past, the AAWD has received supplies for Give Kids A Smile from ADA/Colgate. *Information: 617-638-5222*

Good Grief Program This program of the Boston Medical Center trains teachers and child-care professionals nationwide to help children who are facing loss by helping these kids master coping skills. The program is open to health-care and mental health professionals as well as educators. The program also works closely with doctors, nurses, and social workers who treat children and their families facing a life-challenging illness. *Information: 617-414-4005*

Grow Clinic The Grow Clinic at Boston Medical Center provides multidisciplinary services for children not growing at a normal rate. These services include home visits, distribution of in-kind donations, and advocacy with community resources. The Grow Clinic also identifies and treats children at risk due to malnutrition. *Information: 617-414-5251*

Harbor Area Early Intervention Program Parents' Oral Health Meeting Children enrolled in this Early Intervention Program have health or developmental issues that make them more susceptible to oral health problems. School of Dental Medicine faculty provide parental education and dental screenings for children enrolled in this Boston area program. Parents have the opportunity to ask questions regarding their children's oral health and receive specific referral recommendations. *Information: 617-638-5222*

Health-Care Affiliates There are 25 New England hospitals, 15 neighborhood health centers, and numerous health-care agencies affiliated with the Boston University School of Medicine. The Boston Medical Center and the Boston Veterans' Administration Medical Center are the School's principal affiliates in addition to many community hospitals. Students and faculty from the School of Medicine treat thousands of patients annually in these facilities. *Information: 617-638-5300*

Health Careers Academy Community Health Fair The School of Dental Medicine offers oral health and nutrition education materials and dental screenings to teens and young adults at this Health Careers

Academy's annual "Take the Orange Line to Better Health" community health fair at Ruggles Station in Boston. *Information: 617-638-5222*

Health Connection This free health information and referral service is provided by Boston Medical Center and is staffed by registered nurses. Callers have access to a medical professional who determines the caller's needs, assesses the immediacy of care or services needed, and answers medical questions. Additionally, nurses have access to a broad array of cancer information support services listings. Nurses are especially helpful to those callers who are uninsured and are having difficulty accessing appropriate health services. Health literature is provided upon request. *Information: 800-841-4325*

Healthy Baby / Healthy Child (HB/HC) Oral Health Promotion Program The School of Dental Medicine has developed an oral health promotion model aimed at preventing early childhood caries which targets high-risk, pregnant women and their children. Of particular importance are those living in communities that are disproportionately impacted by infant mortality and other health disparities. As part of the intervention, School of Dental Medicine faculty train public health nurses from the Boston Public Health Commission's HB/HC home visitation program to carry out basic oral health assessments and provide oral health education to their clients. In addition, staff facilitates referrals for dental care as needed. *Information: 617-638-5222*

Healthy Baby / Healthy Child (HB/HC) Summer Camp Picnic In collaboration with the Boston Public Health Commission, the School of Dental Medicine participates in the Healthy Baby/Healthy Child Summer Camp Picnic activities at Franklin Park. Oral health education, enjoyable dental activities, and oral health screenings are offered to those attending this summer camp event. *Information: 617-638-5222*

Healthy Public Housing Environmental health faculty in the School of Public Health have developed a long-term partnership with Healthy Public Housing, a program in Boston Housing Authority developments that seeks to develop improvements that decrease asthma rates, especially in South Boston. *Information: 617-638-7720*

Healthy Teeth for Tots The School of Dental Medicine partners with Dorchester House Multi-Service Center to develop and implement a model program that creates a seamless collaboration between pediatricians and dental providers within the community health center. The result is decreased prevalence of early childhood caries and an increased number of children receiving preventive and restorative dental services. To date, the program has implemented pediatrician-administered caries risk assessment, oral health education, and fluoride varnish applications. *Information: 617-638-5222*

Massachusetts Operation Stand Down for Homeless Veterans This two-day multi-service intervention in Boston is designed to address the problems of homelessness among military veterans. Homeless veterans have access to free food, clothing, health care, and psychiatric and social work services at this annual event. The School of Dental Medicine offers dental screenings and oral health education to the many veterans in attendance. *Information: 617-638-5222*

Massachusetts State House Health Fair Sponsored by the Massachusetts Association of Health Plans and in partnership with Delta Dental of Massachusetts, the School of Dental Medicine provides oral health information, demonstrations, and oral cancer screenings for all interested attendees. Oral health screenings are integrated with other health screenings including cholesterol, blood pressure, body mass index, bone density, and skin wellness. *Information: 617-638-5222*

Mattapan Community Health Center's Health Care Revival

The Mattapan Community Health Center's annual event, Health Care Revival, provides up-to-date information on various health topics and community resources. At this event, School of Dental Medicine faculty and students engage families in discussions on dental health behaviors including brushing, flossing, consuming a healthy non-cariogenic diet, and using preventive products such as fluoride, mouth guards, and sealants. *Information: 617-638-5222*

Orchard Gardens / Smart Smiles Second Grade Field Trip Orchard Gardens K-8 School second graders participate in an annual spring field trip to the School of Dental Medicine. Students enjoy a variety of hands-on activities in a health-fair type atmosphere with six dental stations. Additionally, some of the children receive sealants, dental cleanings, and fluoride applications, provided by dental students in the Dental Treatment Center on the sixth floor. The field trip finishes with a nutrition lesson and a healthy snack. *Information: 617-638-5222*

Outreach Van Project The Outreach Van is a student-run community service project staffed by volunteers from Boston University Medical Center to provide health care to the medically underserved and homeless communities. Faculty and students go out one evening per week to East Boston to conduct free screenings and distribute clothing and other basic necessities to approximately 20 to 30 people weekly during the colder months and 65 to 75 people weekly when the weather is warmer. The School of Dental Medicine provides dental supplies for distribution to the many people served through this very beneficial outreach program. *Information: 617-872-7782*

Public Health Education Week During Public Health Education Week, School of Public Health (SPH) students, with support from faculty and staff, conduct high school education programs in Boston Public Schools. SPH students speak with high school students about the relevance of public health in their everyday lives, health promotion, disease prevention, and health protection. *Information: 617-414-1402*

Rosie's Place Wellness Fair Through a long-standing program with Rosie's Place, the School of Dental Medicine enables the women there to receive free basic dental care. The annual Rosie's Place Wellness Fair provides an opportunity for the School to promote oral health to nearly 100 women by providing oral health information as well as toothbrushes and toothpaste. *Information: 617-638-5222*

Sargent College Clinical Centers (SCCC) The six clinical centers of Boston University's College of Health & Rehabilitation Sciences: Sargent College, are providing care and service to patients and clients throughout Greater Boston. Programs are professionally staffed and open to all. With several locations, SCCC provides an array of services, ranging from physical therapy and rehabilitation to athletic enhancement, nutrition, and fitness. The academically driven centers include the Vocational Rehabilitation Center, the Speech, Language & Hearing Center, and the Center for Neurological Rehabilitation. The professional staff consists of experienced clinicians and specialists, as well as practicing faculty members. *Information: 617-353-8383*

Smart Smiles in Boston Public Schools As part of a collaborative effort with Tufts University School of Dental Medicine, the Commonwealth Mobile Oral Health Services, and the Boston Public Schools, the Boston University Goldman School of Dental Medicine, through Smart Smiles in Boston Public Schools, provides dental health education to more than 2,600 children annually and sealant placement to over 1,100 second grade children in 38 Boston public elementary schools. *Information: 617-638-5222*

Smart Smiles Sealant Coordination Center Boston University School of Dental Medicine serves as the Sealant Coordination Center (SCC) for Smart Smiles in Boston Public Schools. The SCC provides the infrastructure to develop and evaluate this school-based oral health sealant and referral program. *Information: 617-638-5222*

University of Massachusetts, Harbor Point, Student Wellness Fair This annual health fair is carried out in collaboration with Health Services at the University of Massachusetts at Boston. The event offers students a variety of health and wellness materials, including dental health information, provided by the School of Dental Medicine faculty and students using flipcharts, educational boards, dental hygiene samples, and printed information of interest to students. *Information: 617-638-5222*

BUSINESS AND PROFESSIONAL

AdLab The College of Communication created this award-winning student-run advertising agency in 1974. Today, AdLab is a full-service agency with capabilities ranging from traditional to interactive to brand planning to guerrilla marketing. Students in AdLab develop and implement advertising campaigns for about 60 clients every year. These clients range from public service and nonprofit organizations to entrepreneurial start-ups and special projects with nationally recognized brands. Clients hire AdLab as they would hire any professional agency, and must have a budget capable of implementing the plan. AdLab charges a very nominal \$100 fee. Contact information, examples of past work, and a current client list are available at www.bu.edu/adlab.

BioSquare Located in Boston's South End, BioSquare is a 16-acre research and business park under development by Boston University and the Boston Medical Center. Reflecting the University's entrepreneurial spirit and approach to business as well as its commitment to excellence in teaching and research, BioSquare is directly adjacent to the Boston University Medical Campus and has been designed to provide a dynamic research and business environment that will facilitate collaboration between the outstanding researchers and clinicians of the Boston University Medical Center and industry. These collaborations will help extend the frontiers of biomedical research and spark the development of new technologies and services that will advance the quality of life for others and stimulate the development of new commercial products. BioSquare now consists of three biomedical research buildings and a 1,000-space garage and retail facility. The three existing biomedical research buildings include the 200,000-square-foot Center for Advanced Biomedical Research, the 192,000-square-foot Evans Biomedical Research Building, and a 180,000-square-foot biomedical research building located at 670 Albany Street. In addition, BioSquare has constructed a 1,500-space parking garage and the new National Emerging Infectious Diseases Laboratory. Future plans include the development of two additional research buildings. *Information: 617-353-8630*

Criminal Law Clinics at Boston University School of Law For more than 25 years, second- and third-year law students have served the Boston area through participation in the Criminal Law Clinics program. Students in the Defense Program are responsible for the defense in about 200 criminal cases annually in the Boston Municipal Court and the Boston Juvenile Court, representing indigents who would otherwise require a court-appointed attorney. Students in the Prosecution Program represent the Norfolk County District Attorney's Office in cases in the Quincy District Court, prosecuting about 100 cases annually. All cases are closely supervised by faculty members who are practicing attorneys. *Information: 617-353-3131*

Civil Litigation Program This School of Law program, which began in 1968, provides free legal services to low-income clients in the Boston area in civil cases, such as domestic relations, housing, and immigration. Second- and third-year law students represent their clients under the supervision of a clinical law teacher in all aspects of the cases. The Civil Litigation Program operates out of the offices of Greater Boston Legal Services. *Information: 617-353-3148*

Hothouse Productions This video production unit in the College of Communication is both a class and a student-run, client-driven production company. Students produce videos for nonprofit organizations and for individuals who are contributing to important charitable or educational projects. One example is the production of a promotional video for the Boston Firefighters Burn Foundation. The seven-minute film, "Get In, Get Out, Give Back," chronicles firefighters' efforts to help children recovering from severe burns. *Information: 617-353-5807*

Office of Technology Development (OTD) The mission of OTD is to promote the commercialization of technologies arising from Boston University faculty research, foster an entrepreneurial environment for BU faculty and students, create strong interactions between the BU research community and the greater Boston corporate and financial communities, and support the academic mission of BU by involving students in the commercialization process. OTD's activities are executed by four core groups working together to provide a comprehensive approach to commercialization activities. Whether OTD begins with novel concepts, mature academic technologies, or emerging companies, OTD's suite of support services and industry experts provide the opportunity to achieve success at every stage along the path to commercial success. The four core groups are Technology Transfer, New Ventures, Business Incubation, and Translational Research. *Information: 617-353-4550*

Photonics Center Over the past decade, the Boston University Photonics Center (BUPC) has become a world-renowned pioneer in the field of photonics—the science and engineering of light. The Center has created a unique national resource for development of advanced photonic device prototypes for commercial and military applications. The Center's 235,000-square-foot multidisciplinary facility opened in June 1997 and includes 23 research laboratories. From its inception, the BUPC has attracted scholarly innovators to lead its academic and educational programs. Events such as the Future of Light Symposium, the Distinguished Lecture Series and the monthly Photonics Forums, are examples of the Center's commitment to Photonics education.

Ground-breaking research conducted at the Center includes work on science and technology for solid-state source and detector materials, quantum cryptography, subsurface imaging, adaptive optics, micro-opto-electro-mechanical systems (MOEMS), high-speed modulation and sensing, biophotonics, nanophotonic devices, and biomedical applications of photonics. In 2007–2008, the Photonics Center and its 35 affiliated faculty members received \$18.5 million in research and technology development funding.

In addition to its laboratory and classroom space, the BUPC houses a full-service business incubator. The incubator is capable of supporting up to 14 start-up companies. In 2007–2008, three companies graduated from the incubator, including Biomimetic Systems, Inc., a BU spin out company. The incubator also welcomed five new companies including two BU spinouts. The companies in the incubator have contributed to the BUPC student population and to the local economy by creating jobs and new educational opportunities. *Information: 617-353-8899 or www.bu.edu/photonics*

PRLab This student public relations agency in the College of Communication has offered free public relations assistance to nonprofit organizations for more than two decades. In some cases, particularly with "for profit" clients, PRLab may charge a small annual fee for their services to help offset expenses of PRLab. An average of 30 students each semester spend 7 to 14 hours a week working on-site, devising publicity campaigns, developing public relations programs, arranging fundraising events, creating websites, and establishing media contacts. Last semester, PRLab students provided 5,000 hours of free services to greater Boston organizations. *Information: 617-358-0066*

Student Internships from the School of Social Work Every year, approximately 300 student interns work two or three days a week in nonprofit and social service settings representing health, mental health, child welfare, aging, substance abuse, and community service agencies throughout Boston and New England. Interns offer direct clinical services and work in community organizations, systems management, and program planning. Student interns have been serving the community since the 1920s. *Information: 617-353-3754*

COMMUNITY AND GOVERNMENT

Community Affairs The Director of Community Relations and the Community Relations Liaison on the Charles River Campus facilitate communication between the University and its neighbors. They work closely with residents and officials in Boston and Brookline neighborhoods responding to inquiries, coordinating programs with local business associations, organizing efforts to meet community needs and are members of many of the local community boards. Some of the community initiatives include sponsorship of the *After the Prom Party* at Brookline High School, distribution of gift cards at Thanksgiving to families living in the Brookline Housing Authority's Egmont/Trustman Apartments, sponsorship of Hamilton School student athletic program at the University's Case Center, and distribution of twenty-one new computers and printers to various housing developments around the medical campus in an effort to update their teen computer centers. The Community Affairs' office also distributes books at the holidays to one thousand elementary school children in Boston attending the following schools: Emerson, Cathedral Grammar, Clap, Hurley, Orchard Gardens, Quincy, Saint Patrick's, Blackstone, Russell, Gardner, Horace Mann, Hamilton, Conservancy Charter, Winship, Garfield, and Kids are People 2. The office also distributes free tickets to University athletic and cultural events, and contributes monetary donations to local charities.

The Director of Community Outreach at Boston University School of Medicine (BUSM) is the liaison between BUSM and the surrounding communities. The Director works closely with community leaders and community organizations and develops productive working relationships with the residents. Some of the community initiatives include distribution of computers to the residents of local housing developments and youth groups; distributions of free tickets to University athletic and cultural events and in conjunction with the Director of Community Relations, distribution of holiday books to over 700 Boston Public School students. *Information: 617-353-2078 (Charles River Campus)*

Community Task Force Since 1984, University and local representatives from neighborhood organizations have used the Boston University Community Task Force as a public forum to discuss community issues. University administrators, planners, and consultants also meet regularly with representatives of neighboring community organizations. *Information: 617-353-2078*

Government & Community Affairs Serving as the primary administrative group linking the University with the community, this office recognizes that Boston University has an impact on its neighbors and works to ensure that this impact is positive. The office maintains frequent contact with area residents and state and local leaders, keeping them informed about University development plans, evolving programs, cultural events, lectures, workshops, and seminars offered to the community. The Director of State Relations represents the University's interests before the Legislature, the Board of Higher Education, and the executive branch of state government. The Director of City Relations maintains contact with the Mayor's office, the City Council, and City agencies. The Director of Community Relations, Director of Community Outreach/BUSM and the Community Relations Liaison keep communication open between the University and its neighbors, working closely with residents and officials in the Boston neighborhoods of Kenmore Square, Audubon Circle, Allston, Brighton, the South End, Lower Roxbury, Chinatown, Dorchester and the Town of Brookline. *Information: 617-353-9095*

Master Plan Boston University, in cooperation with Community Task Force representatives and city agencies, was the first area institution to develop a Master Plan approved by the Boston Redevelopment Authority. The first Master Plan for the Charles River Campus, covering 1986 to 1996, analyzed the University's needs (housing, enrollment, parking, academic, and recreation) and studied potential sites to accommodate the University's changing needs. The University's second Master Plan, for 1997-2002, resulted from a 14-month review process, including five meetings of the Community Task Force and extensive input from the City of Boston. The plan was approved by the Boston Redevelopment Authority in October 1997. Beginning in the fall of 2002, the University began work on its third Master Plan. This seven-year plan, for 2003 to 2010, was approved by the Boston Redevelopment Authority in March 2003, after seven meetings of the Boston University Community Task Force. *Information: 617-353-9095*

Ride-Along Program Through this program, the Director of Community Relations rides with the Boston Police and the Brookline Police on designated weekends to ensure prompt response to neighborhood concerns involving students' off-campus behavior. Boston University students found to be in violation of the Code of Student Responsibilities, after a disciplinary hearing, are sanctioned by the Dean of Students. *Information: 617-353-2078*

State and City Relations The Director of State Relations represents the University's interests before the legislature, the Board of Higher Education, and the executive branch of state government. The Director of City Relations works with the Mayor's Office, the City Council, and city agencies.

Transportation Solutions for Commuters, Inc. (TranSComm) TranSComm is a proactive organization committed to working collaboratively with the community and local, state, and federal agencies to propose and implement better transportation options for its neighbors, employees, staff, students, patients, and visitors. This program, serving the Boston University Medical Center, is a cooperative effort to coordinate the transportation needs of the thousands of people who receive daily care from, are employed by, or study at the sponsoring institutions. By working with the Boston Transportation Department, TranSComm continues to promote public transit, carpooling, vanpooling, and cycling programs to reduce traffic congestion and air pollution in the neighborhood. *Information: 617-638-7473*

PROGRAMS AND SERVICES FOR PEOPLE WITH DISABILITIES

Center for the Study of Communication & the Deaf This Center at the School of Education is devoted to both applied and theoretical research to benefit the Deaf and their families. Faculty and students focus on

three major research themes: the acquisition of signed languages, the impact of language on the education of the Deaf child, and the developmental assessment of bilingual approaches to the education of Deaf children. The Center provides a variety of community services that focus on projects and workshops assisting hearing parents of Deaf children and on workshops and presentations to area agencies.
Information: 617-353-3205

Joining Hands Volunteers from the University's Community Service Center assist elders and people with disabilities to experience outdoor activities, facilitate art activities, learn to swim, and enjoy companionship. Volunteers gain an awareness of these important segments of the population and become a positive force in the Boston community. In 2008, 91 volunteers completed 2,958 hours of service. *Information: 617-353-4710*

Pike Prize for Service to People with Disabilities This prize is awarded by the School of Law either to a person with a disability or to someone who has worked on behalf of promoting greater understanding of disability law, and whose accomplishments have been especially noteworthy.
Information: 617-353-3658

Special Education Students from the School of Education have been working in local schools and agencies for decades. Each year, more than 40 students work with children, families, and adults who have developmental, physical, or psychological disabilities. *Information: 617-353-3240*

PROGRAMS AND SERVICES FOR ELDERS

Boston Geriatric Education Model Consortium (GEM) The Boston GEM Consortium project works with the Boston University School of Social Work to provide an innovative master's-level social work training program. Focused on preparing social work practitioners, the GEM program meets the unique needs of the aging population by serving older clients and their families in the Boston neighborhoods of Roxbury, Dorchester, and the South End. The Boston GEM Consortium is funded by The John A. Hartford Foundation as part of the Practicum Partnership Program, managed by the New York Academy of Medicine. Additional support for the program is provided by The Atlantic Philanthropies. Underlying the Boston GEM Consortium project is the belief that MSW students trained in this model will develop a sophisticated understanding of the needs of older clients and their families, the services available to meet those needs, and the complexities of providing client-centered care via interacting multiple health and service systems. *Information: 617-353-7009*

Boston University Geriatric Services Sponsored jointly by the School of Medicine and the Boston Medical Center, this service is the oldest continuously operating home-medical program in the United States. Boston University Geriatric Services provide an array of health services for Boston's elderly, including medical care for patients in their own homes. The service makes approximately 5,000 home visits to 800 elders each year, thus enabling many patients who would otherwise require placement in nursing homes to remain independent. No patient is ever denied service for lack of ability to pay. Since 1875, physicians and medical students have been delivering health care to patients in their homes, where they feel most comfortable. *Information: 617-638-6100*

Elders Living at Home Program (ELAHP) This Boston Medical Center program, established in 1986, serves low-to-moderate-income elders, age 60 or older, who are homeless or face the loss of their apartments, or who live in a life-threatening situation. ELAHP provides clients with temporary shelter leased from the Boston Housing Authority (BHA) while permanent housing is located. Over the years, ELAHP's temporary housing has expanded to its current capacity of 28 units at four different sites, and

has served as a model for collaborations between the BHA and other providers of services to the homeless. This program also provides or arranges for social services, health services, and legal counsel. ELAHP also coordinates nursing and social-work staffing at the Cardinal Medeiros Center, a nutrition site in Boston that serves some 150 homeless people daily. *Information: 617-638-6148*

Evergreen Program Boston University sponsors this year-round program that, for a nominal fee, provides persons age 58 and over with courses and lectures covering politics, foreign languages, literature, music, and physical activities. In addition, through the Evergreen program, for an \$80 fee, senior citizens may audit any regular University course, whenever space is available and with the instructor's consent. More than 1,400 older persons attend the Evergreen lecture series and audit classes each year. *Information: 617-353-9852*

Geriatric Assessment Center This consultation program provides comprehensive interdisciplinary team assessments of individuals age 65 or older. The Center, formed in 1986, is dedicated to identifying problems that reduce the independence of older people and to making practical recommendations to enable individuals to function to their fullest capacity. *Information: 617-414-4639*

Institute for Geriatric Social Work Established in 2002 with a five-year grant from The Atlantic Philanthropies, the Institute for Geriatric Social Work (IGSW) has become a leader in the effort to build a stronger social work workforce for an aging society. With 36,000 IGSW-trained practitioners currently working in the field and IGSW training now available in all 50 states and overseas, the mission of IGSW is to strengthen the quality of the geriatric workforce through educational innovation, assessment, and policy-relevant research. Located at the Boston University School of Social Work, one of the nation's preeminent social work programs, IGSW brings together expertise in instructional technology, educational design, testing, and evaluation to improve the preparedness and quality of practice of social workers and other social service practitioners who work with older adults and their families. *Information: 617-358-2626*

Vaccines and Screenings Through the Boston Medical Center, free vaccinations and health screenings are provided to the community. These include annual influenza vaccinations as well as screenings for skin cancer, prostate cancer, glaucoma, and osteoporosis. *Information: 617-638-8922*

SOCIAL ACTION OUTREACH

Children's Theatre Volunteers from the Community Services Center create and perform original variety shows for young children in hospitals and shelters. Performances range from storybook adaptations to improvisation, and the shows feature lessons and morals relevant to today's youth. In addition to performing for children, volunteers also provide theater workshops for local elementary and middle school students who otherwise would not be exposed to the performing arts. In 2008, 93 volunteers completed 2,739 hours of service. *Information: 617-353-4710*

First-Year Student Outreach Project (FYSOP) The First-Year Student Outreach Project (FYSOP) offers incoming Boston University students a unique opportunity to get settled in their new community by performing a week of service before classes even begin. FYSOP volunteers participate in program orientation, a full day of education, and three full days of direct service in one of eight issue areas: Children, Disabilities, Elders, Environment, Gender Focus, HIV/AIDS Awareness, Homelessness & Housing, and Hunger. Each year, FYSOP volunteers complete more than 10,000 hours of service in the

Greater Boston area. These hours have an immediate impact on the community and give volunteers the opportunity to learn and create new friendships through service. Participants are able to make new and long-lasting friendships through their interactions with 136 sophomore, junior, and senior Staff Leaders and 500 new students who are dedicated to service. In the summer of 2008, 770 volunteers completed 16,960 hours of service. *Information: 617-353-4710*

Making Music Volunteers provide instrumental music lessons to children at the Farragut Elementary School in Boston's Mission Hill and the Garfield School in Brighton. The program year ends with a celebratory recital held on the Boston University campus, where the Making Music students and volunteers perform selected pieces they learned during the year. In 2008, 107 volunteers completed 3,478 hours of service. *Information: 617-353-4710*

Multicultural Advancement Partnership Program (MAPP) Volunteers work with refugees, immigrants, and international students to improve their understanding of English and their experience in America. Special emphasis is placed on literacy, English as a Second Language, and job training skills. MAPP volunteers work in community centers throughout the Boston area and are paired with conversation partners through the Center for English Language & Orientation Programs (CELOP). In 2008, 177 volunteers completed 3,848 hours of service. *Information: 617-353-4710*

Project Hope Project Hope seeks to show compassion, gain understanding, and educate others about HIV/AIDS. BU volunteers work with organizations such as the AIDS Action Committee, the Boston Living Center, Community Servings, and many others. In 2008, 150 volunteers completed 2,698 hours of service. *Information: 617-353-4710*

Siblings Program Volunteers are paired one-on-one in a mentoring relationship with students from the Garfield and Winship Schools in Brighton. The Boston University volunteers act as role models, provide companionship, and share cultural, recreational, and educational experiences with the children. In 2008, 147 volunteers completed 7,644 hours of service. *Information: 617-353-4710*

Student Food Rescue (SFR) Volunteers salvage and transport more than 3,500 pounds of surplus food weekly to area food programs. The food is donated by local restaurants, supermarkets, bakeries, and dining halls and is provided to area meal programs, food pantries, and shelters. In June 2005, SFR was named the "most successful student-run food salvage program in the nation" by the National Student Campaign Against Hunger and Homelessness. In 2008, 195 volunteers completed 4,974 hours of service. *Information: 617-353-4710*

Student Studio Through this project, BU student volunteers bring visual arts education to area schools that lack art programs. Student Studio volunteers design lesson plans around an artist, movement, or technique and develop a fun, hands-on project for the students. Student Studio partners with the Winship Elementary School in Brighton, Mason Elementary in Roxbury, St. Stephen's School in Boston, and Thomas Gardener Elementary in Allston to provide students with the opportunity to express their creativity and create individual art pieces. In 2008, 88 volunteers completed 2,288 hours of service. *Information: 617-353-4710*

12-Step Groups Throughout the year, Boston University's Marsh Chapel provides space and support for these self-help groups. Several Alcoholics Anonymous groups hold weekly meetings at the Chapel throughout the year. *Information: 617-353-3560*

Voices from the Middle (VFM) Voices from the Middle is a collaborative theatre project between the Boston University Community Service Center and Donald McKay Elementary School in East Boston. During this yearlong program, volunteers guide a middle-school class through the process of producing, writing, and performing a topical play that is relevant to the challenges America's young people face. Participants are exposed to the performing arts, filling the void left by dwindling theatre programs in the public school system, and, ultimately, empowering the social consciousness of urban youth through the art of self-expression. In 2008, 11 volunteers completed 501 hours of service. *Information: 617-353-4710*

Wizards Boston University volunteers introduce the wonders of science to elementary school children with a different hands-on experience each week. Through applied science, volunteers provide an often-missed link between the classroom and the real world. In 2008, 81 volunteers completed 2,106 hours of service. *Information: 617-353-4710*

B. PROGRAMS SERVING THE BOSTON COMMUNITY AND BEYOND

EDUCATIONAL

African Presidential Archives & Research Center (APARC) APARC is an unprecedented and unique effort to study democratization and free market reform in Africa. Through a residency program for former democratically elected African heads of state and access to their papers, and through access to current democratically elected leaders, the Center provides a forum for leaders to share and a venue for others to benefit from their insights and expertise. The Center offers an exceptional opportunity to see the present phase of Africa's development through the eyes of the architects of that change. The APARC American-African Universities (AAU) Collaborative provides an opportunity for students and faculty from seven American and African schools to engage in trans-continental conversations about African policy issues, particularly those that focus on democracy, free market reform, and globalization. The participating schools include Boston University, the University of Dar es Salaam in Tanzania, the University of Witwatersrand in South Africa, the University of Ghana at Legon, Morehouse College in Georgia, North Carolina A&T University, and Elizabeth City State University in North Carolina. The Center also serves as a setting for policy debates and deliberations on democratization and free market reform in Africa. *Information: 617-353-5452 or <http://www.bu.edu/aparc>*

African Studies Center The African Studies Center's Outreach Program disseminates information on Africa and African-related issues to the public and professionals, such as elementary and secondary school teachers, journalists, and museum specialists. *Information: 617-353-7303*

Boston University Academy Founded in 1993, Boston University Academy provides an exceptional education for students with genuine intellectual curiosity, strong academic abilities, and a diversity of interests. A day school of 155 students located on the Boston University campus, the Academy offers students in grades 9 through 12 an unparalleled preparation for the college experience by combining intimate classroom settings with the resources of a world-class research university. Small class sizes and close relationships with advisors allow Academy students to master the classically based core curriculum in grades 9 and 10. With the oversight and support of Academy faculty and advisors, juniors and seniors enroll in undergraduate courses each semester at the University, earning a full year of college credit before graduation. All seniors choose an interest and work alongside a University professor on a yearlong independent research project. *Information: 617-353-9000*

Boston University High School Honors Program Since the 1970s, rising high school seniors enrolled as High School Honors students have earned up to eight Boston University credits by enrolling in two summer courses of their choice. As credit-earning students, they take classes alongside Boston University undergraduates. Students receive guidance when selecting courses to ensure that they receive an introduction to subject areas beyond the offerings of their high school curriculum while also earning credits that are applicable to future college work. *Information: 617-353-1378*

Donald D. Durrell Reading and Writing Clinic The Donald D. Durrell Reading and Writing Clinic at Boston University's School of Education provides a site for year-round, out-of-school tutoring services on Saturday mornings for elementary, middle, and high school students who are experiencing difficulty in reading and writing. Working under the direction of School of Education faculty, highly qualified literacy specialists assess each student's strengths and needs, and then plan and implement appropriate research-based interventions. At the end of each 15-week term, literacy specialists prepare a

comprehensive report of each student's progress, and present the report to parents. *Information: 617-358-0910*

Reach Out and Read This nationally recognized program that promotes early literacy was started at Boston Medical Center in 1989 and now has more than 2,700 locations nationwide. The program provides literacy guidance to parents and distributes free books to children. Its primary focus is to institutionalize the well-accepted practice of using books to help elevate a child's communication skills. The goal of the program is to help parents and caregivers instill a love of reading in their children. *Information: 617-629-8042*

Space Science Information Requests The Boston University Observatory receives numerous requests from the public and others via the phone, e-mail, and post for information about astronomy and space science research topics and current discoveries, advice about telescopes and optics, educational equipment, and teaching materials. The Boston University Department of Astronomy also hosts Public Open Nights at the Observatory, open to everyone, giving Boston-area residents a chance to observe the night sky through telescopes and binoculars and see things they otherwise might not get to see, and learn some astronomy as well. The Open Nights are held most Wednesday evenings throughout the year, weather permitting. *Information: 617-353-2630 (observatory); 617-353-5700 (curator)*

Space Science School Visits Faculty, staff, and students at the Boston University Department of Astronomy frequently volunteer to visit area schools and other interested organizations to speak about astronomy and space science. University researchers in these disciplines provide equipment and assist with telescopic observing sessions, etc. These visits may last from an hour to a full day. *Information: 617-353-2630 (observatory); 617-353-5700 (curator)*

HEALTH CARE AND RELATED

Boston Center for Refugee Health and Human Rights The Boston Center for Refugee Health and Human Rights (BCRHHR) serves survivors of torture and related trauma by providing medical, social, and legal services to more than 200 people from 30 countries. The Center is located at Boston Medical Center and staffed by School of Public Health professors and Boston Medical Center physicians, as well as faculty from Boston University's law, medical, and dental schools. The Division of Community Health Programs (CHP) of the School of Dental Medicine has collaborated with the Boston Center for Refugee Health and Human Rights since 1999 to assess and address the oral health needs of torture survivors through the Survivors of Torture Oral Health Program. Patients receive oral health education, dental screenings and referrals, and dental home-care products. A short video developed by dental school faculty for health professionals on how to sensitively conduct oral health exams on survivors of torture is available at: www.bcrhhr.org/. In addition, CHP provides appropriate referrals to survivors of torture as identified through Physicians for Human Rights and other similar organizations such as the Cambridge Health Alliance. *Information: 617-414-4794*

Boston University Residence Life Wellness Fair, Charles River Campus The School of Dental Medicine participates in this annual BU Center for Wellness and Residential Education "Be Well" Fair. The fair exposes undergraduates to a wide range of health and wellness activities and concepts. Oral health promotion activities are geared to oral health issues faced by college students. *Information: 617-638-5222*

Health Reform Program This School of Public Health program designs practical solutions to health-care problems—solutions that address the needs of all parties. The program's first component, U.S. Health Reform, addresses problems at national and state levels, such as many patients' inability to afford needed prescription drugs; the disproportionate closing of hospitals in minority and lower-income communities; and the affordability of expanded insurance coverage. The second component, the Access and Affordability Monitoring Project, identifies problems of unequal access to health care and the high cost of health care in Massachusetts; investigates their causes; monitors the progress of public and private efforts to ameliorate them; and designs alternative solutions. *Information: 617-638-5042*

HIV Dental Care / Ryan White Through support from the Ryan White Care Act, the School of Dental Medicine provides considerable treatment, which is mostly uncompensated, to patients with HIV and AIDS throughout New England. A network for education referral has been established and includes Cambridge Cares About AIDS, Boston University Medical Center, and Provincetown AIDS Support Group. *Information: 617-638-5499*

Join Together This is a project of the Boston University School of Public Health, which supports Web-based efforts to reduce, prevent, and treat substance abuse across the nation. The program's core mission is helping community leaders around the country be more effective in dealing with illicit drugs, alcohol abuse, tobacco use, inhalants, gun control, and violence prevention. Join Together hosts a public service website, *AlcoholScreening.org*, that helps risky drinkers understand the effects that their drinking may be having on their health, and points them to resources. More than 466,000 people have participated in this confidential screening over the past five years. *Information: 617-437-1500 or www.jointogether.org/sa*

Massachusetts Center for SIDS Since 1975, the Massachusetts Center for Sudden Infant Death Syndrome (SIDS) has provided counseling and information to families whose babies have died suddenly and unexpectedly from SIDS and other causes. The Center also provides 24-hour crisis counseling, counseling provided by community-based bereavement counselors, and parent support group meetings. *Information: 617-414-7437*

Occupational Therapy Volunteer Programs Occupational therapy students at Boston University College of Health & Rehabilitation Sciences: Sargent College are involved with many volunteer activities, both through scheduled fieldwork placements and based on their individual initiatives. Each year, in the final semester of the academic program, students participate in the Group Leadership Experience, where they design and implement a weekly group, based on the identified needs of a community program. For example, student volunteers have worked directly with the Brookline Council on Aging promoting activity and wellness among senior citizens, and have provided a social skills group for pre-school students identified with developmental delays. Under the direction of faculty members, BU students volunteer in group programs for adults with Parkinson's disease, aphasia, and at group homes for adults with psychiatric disabilities. During the junior year, students volunteer in multiple settings at the Perkins School for the Blind. Many additional opportunities are available through their student organization, BUSOTA (BU Student Occupational Therapy Association), BU's Alternative Spring Break, and other relevant national and international volunteer programs. *Information: 617-638-2729*

Outreach Core of the Superfund Basic Research Program Through the Department of Environmental Health at the School of Public Health, investigators participate in presentations, meetings, and mini-courses organized by participating community groups. A Community Advisory Committee provides

feedback to the program on how the information is being used and understood, and what additional information a community needs regarding the Superfund, a federal law providing funds for cleaning up heavily polluted sites. Educational materials related to the program's work are distributed to appropriate community groups and health-care professionals. A major portion of the Outreach Core is an internship program aimed at high school and community college students from underserved communities to promote interest in careers related to environmental health sciences. *Information: 617-638-4620 or www.bu.edu/dbin/sph/research_centers/superfund.php*

Parkinson's Disease Center Headquartered at the Boston University Medical Center since 1979, this program administers an information and referral center that responds to more than 3,000 telephone inquiries every year and augments the Movement Disorders Center of the Boston Medical Center for clinical services. *Information: 617-638-8466*

Research Science Institute Since 1994, the School of Dental Medicine has been a participant in the Research Science Institute, a six-week summer program for high school students. Sponsored by the Center for Excellence in Education in collaboration with Massachusetts Institute of Technology, the students experience college-level classes and complete hands-on research guided by selected mentors at corporations, universities, and organizations. *Information: 617-638-5222*

Sargent College Healthy Lifestyle Challenge This health-awareness program encourages incorporating healthful habits in everyday life. Open to members of the BU community and those beyond, participants are asked to follow a different set of lifestyle tips every two weeks by online communications. More than 1,500 people have enrolled in the program in the past three years. This Web-based program is available online at www.bu.edu/sargent/challenge. *Information: 617-353-7476*

Student Dental Health Plan The School of Dental Medicine was the first dental school in the country to offer a dental plan for students at local colleges and universities, typically an underserved population. For a nominal annual fee, students and spouses receive preventive care and basic restorative and emergency services. Twenty-three local higher education institutions are members of the plan, including Boston University, Emerson College, Northeastern University, Suffolk University, and the University of Massachusetts. *Information: 617-638-4741*

Survivors of Torture Oral Health Program Since 1999, in collaboration with the Boston Center for Refugee Health and Human Rights (BCRHHR), the School of Dental Medicine has assessed and addressed the oral health needs of torture survivors through the Survivors of Torture Oral Health Program. During this past year, over 50 people received oral health education, dental screenings and referrals, and dental home-care products through participation in this program. *Information: 617-638-5222*

Urban Environmental Health Initiative The School of Public Health's Department of Environmental Health has built a partnership with its neighboring communities and with public health and environmental protection agencies under the aegis of the Urban Environmental Health Initiative. In this program, students benefit from the experiences of these partners and apply the lessons learned from thousands of hours of working to improve the lives and health of people in cities. It builds upon presentations on focused topics and readings of background literature to give students an understanding of how the built environment interacts with other public health issues. Teams of students then use geographic information systems (GIS) to analyze an issue, illustrate how it affects urban communities, and develop solutions to reduce environmental burdens. In addition, students volunteer

hundreds of hours in the community, designing programs and providing information on environmental health. *Information: 617-638-4620*

BUSINESS AND PROFESSIONAL

Boston University Institute for Leading in a Dynamic Economy (BUILDE)

This Institute was created to explore the effects of emerging information and related technologies on competitive markets and organizations. The Institute is founded on the principle that rigor and relevance in business research need not be removed from "real-world" issues. Rather, through effective collaboration with leading private and nonprofit organizations, cross-disciplinary teams of scholars can bring relevant theory and rigorous method to bear on markets and competitive environments; risk management financing and decision-making; innovation engines; and new capabilities and organizational forms. *Website: <http://smqdev.bu.edu/research/builde>; Information: 617-353-4601*

Center for Energy & Environmental Studies This Center offers publications that deliver information to the community regarding the interrelationships between energy and the environment, emphasizing the significance of scientific research in policy making. The Center's faculty holds joint appointments with the Department of Geography & Environment and affiliated departments, and engages in environmental research ranging from the analysis of deforestation in the Brazilian Amazon to the study of global climate change. The Center has close collaborative ties with the Departments of Biology, Earth Sciences, and International Relations, and with the Center for Remote Sensing, the Center for Transportation Studies, and the Center for Ecology & Conservation Biology. *Information: 617-353-3083*

Executive Development Roundtable (EDRT) The Executive Development Roundtable in the School of Management is dedicated to executive and leadership development and the principle that continuous individual and organizational improvement is a firm's most important strategic advantage. The EDRT conducts fundamental research in executive development and works to improve the implementation of management, executive-development policies, and education to meet emerging leadership needs. The EDRT also creates a partnership between the corporate and academic communities that explores best-practice approaches to improving the development of managers throughout their careers, and the EDRT serves as a networking and professional development resource for upper-level professionals. *Information: 617-353-2031*

Fraunhofer Center for Manufacturing Innovation The Center is a partnership between Boston University and Fraunhofer Gesellschaft of Germany, the largest nonprofit applied research organization in Europe. More than 12,000 scientists and engineers work at 55 research institutes worldwide to solve problems for government and industry. The Fraunhofer Center for Manufacturing Innovation, located on the Boston University campus, specializes in the development of instruments, high-precision automation systems, and devices for the optoelectronics, semiconductor, and biotechnology/biomedical industries. Together with Boston University's College of Engineering, the Center works closely with its clients and provides engineering R&D services to local and international companies focusing on instrument development and next-generation automation solutions. *Information: 617-353-1888 or www.bu.edu/fhcmi*

Human Resources Policy Institute (HRPI) The Institute strives to provide a forum for the exchange of ideas and information between industry and academia in human resource management. Faculty, graduate students, and fellows at the School of Management partner with top-level human resources executives from member companies to discuss the latest trends and best practices. HRPI supports

faculty and graduate student research on future human resources challenges and provides professional development for high-potential human resource managers. HRPI awards research grants and provides funding for the writing of case studies. HRPI's members, faculty, students, and invited guests meet twice yearly to review current and emerging issues in human resource management. *Information: 617-353-3304*

Institute for Global Work The Institute for Global Work was established at the School of Management to spearhead a systematic understanding of the complex realities of global relations. The Institute's principles are three-fold: to co-create ideas of global business processes through partnerships between academia, industry, and governmental agencies; to shape leading-edge practice through systematic research and thought-leadership; and to link research findings to education using multiple modes at different levels. Member firms meet twice yearly and have access to executive education offerings. *Information: 617-353-4601*

Institute for Technology Entrepreneurship & Commercialization (ITEC)

The Institute offers a new model for entrepreneurial research, education, and commercialization. ITEC is dedicated to the new entrepreneur who is focused on technologies, products, and services that meet pressing global needs in health care, life sciences, alternative energy, and many other sectors. Structured like no other entrepreneurship program, ITEC offers cross-channel resources from the School of Management with the School of Medicine, School of Public Health, the College of Arts & Sciences, the School of Law, and the College of Engineering, including biomedical engineering, photonics, and physics. ITEC provides entrepreneurial assistance by developing and applying new business models, customized education, and training programs through the School of Management, and student internships with local, national, and international for-profit and nonprofit corporations. *Information: 617-353-9391 or www.bu.edu/itec/*

SOCIAL ACTION OUTREACH

Alternative Spring Breaks (ASB) Each year, hundreds of volunteers spend Spring Break doing work through the Community Service Center's Alternative Spring Breaks program. The goal of ASB is to provide the student body with a unique and memorable service opportunity as a substitute to the conventional Spring Break. ASB trips promote community service, develop leadership skills, and create strong bonds among participants. The trips allow volunteers to visit other parts of the country and learn about various social issues ranging from affordable housing and public education to HIV/AIDS awareness and the environment. *Information: 617-353-4710*