

UNIVERSITY OF MASSACHUSETTS

VOTES

BOARD OF TRUSTEES

SEPTEMBER 19, 2012

UNIVERSITY OF MASSACHUSETTS BOARD OF TRUSTEES

COMMITTEE: Administration and Finance – September 12, 2012

ACTION ITEM #b,1: University Capital Plan

DATE: BoT – September 19, 2012

DOC. & VOTE I.D. #: T12-062

VOTED: Pursuant to Trustee policy T93-122, to approve the following capital projects identified in Appendix A of the University Capital Plan as described in Doc. T12-062:

Projects for Board of Trustee Approval

A. Projects New to the Capital Plan with activity to commence by FY14:

| Campus | Priority | Project Name | Cost Estimate August 2012 | FY13-17 Spending |
|---|-----------------|--|--------------------------------------|-----------------------------|
| Amherst | 36 | Water tank repairs | \$1,000,000 | \$1,000,000 |
| Amherst | 41 | Whitmore deferred maintenance | \$14,000,000 | \$14,000,000 |
| Boston | Bl.03 | Healey Building: Replace Plaza Level Waterproofing | \$4,000,000 | \$4,000,000 |
| Boston | Bl.07 | Clark Athletic Center Ice Rink: Replace Chiller Unit | \$1,000,000 | \$1,000,000 |
| Boston | Bl.08 | Clark Athletic Center: Repair South-facing Façade on Ice Rink facility | \$1,000,000 | \$1,000,000 |
| Boston | Bl.14.02 | Service and Supply Building: Install Fire Suppression System and Upgrade Fire Alarm System | \$2,300,000 | \$2,300,000 |
| Dartmouth | 7 | Security Installation Project | \$7,000,000 | \$7,000,000 |
| Lowell | 18 | Alumni Hall Renovations | \$5,000,000 | \$5,000,000 |
| Lowell | 20 | Transportation & Parking Improvements | \$4,000,000 | \$4,000,000 |
| Med School | 9 | Steam Chiller Replacement 3 | \$4,000,000 | \$4,000,000 |
| Total of New Projects that will be Active in FY13 and FY14 | | | \$43,300,000 | \$43,300,000 |

B. Projects authorized by the Board of Trustees through previous Capital Plan Updates with activity to commence by FY14:

Amherst Campus Projects

| Priority | Project Name | Cost Estimate August 2012 | FY13-17 Spending |
|-----------------|---|--------------------------------------|-----------------------------|
| 1 | Housing Expansion | \$188,000,000 | \$129,000,000 |
| 2 | Life Science Laboratories | \$160,000,000 | \$44,444,000 |
| 3 | Academic Classroom Building | \$91,000,000 | \$75,700,000 |
| 4 | Life Science Laboratories, OIT data center fitout | \$7,000,000 | \$7,000,000 |
| 5 | Physical Sciences Building | \$85,000,000 | \$80,800,000 |
| 6 | Integrated Sciences Building fitout | \$2,000,000 | \$1,944,000 |
| 7 | Hills replacement Building | \$25,800,000 | \$25,800,000 |
| 8 | Bartlett Replacement Building | \$50,000,000 | \$50,000,000 |
| 10 | McGuirk Stadium Improvements | \$34,500,000 | \$34,000,000 |
| 11 | Champions Center | \$25,000,000 | \$25,000,000 |
| 12 | Life Sciences Facility | \$95,000,000 | \$73,500,000 |
| 13 | New Substation and Electrical Upgrades | \$40,000,000 | \$40,000,000 |
| 14 | Isenberg School of Management renovations and addition | \$40,000,000 | \$40,000,000 |
| 15 | School of Public Health facilities study | \$500,000 | \$500,000 |
| 16 | Life Science Laboratories Fit out | \$50,000,000 | \$50,000,000 |
| 17 | Relocate Chemical Storage Facility Study | \$500,000 | \$500,000 |
| 19 | Lederle Graduate Research basic systems upgrades | \$10,305,000 | \$1,800,000 |
| 20 | Morrill complex repairs and renovations | \$9,081,000 | \$1,800,000 |
| 21 | McNamara & Brown roof, parapet and masonry | \$3,300,000 | \$1,600,000 |
| 22 | Kennedy & Washington laundry venting | \$1,700,000 | \$900,000 |
| 23 | Dickinson House, Field & Webster elevator | \$1,500,000 | \$1,200,000 |
| 24 | DuBois Library Elevator Replacement | \$5,000,000 | \$1,500,000 |
| 25 | DuBois Library Electrical, Plumbing, Fire Suppression, Deferred Maintenance | \$25,000,000 | \$22,450,000 |
| 27 | Totman Physical Education Building MEP | \$1,000,000 | \$6,000,000 |
| 28 | Fine Arts Center fire protection and emergency generator | \$3,250,000 | \$3,000,000 |
| 29 | ISOM architectural and MEP | \$2,000,000 | \$1,850,000 |
| 30 | Bartlett Deferred Maintenance & Façade | \$2,000,000 | \$1,300,000 |
| 31 | Webster, Grayson, Field window/masonry | \$13,500,000 | \$8,700,000 |
| 32 | Lincoln Apartments Utilities | \$1,500,000 | \$80,000 |
| 33 | Morrill IV Bridge replacement | \$500,000 | \$475,000 |
| 34 | Research Admin, MEP & fire alarm | \$1,500,000 | \$1,490,000 |
| 35 | Physical Plant deferred maintenance & renovations | \$7,500,000 | \$7,200,000 |
| 37 | Lederle Graduate Research Center Window encapsulation/replacement | \$4,500,000 | \$4,500,000 |
| 38 | Lederle Research Center Repairs and Renovations | \$41,250,000 | \$39,500,000 |
| 39 | Morrill Science Center Renovations | \$51,300,000 | \$47,300,000 |
| 40 | Farm and outlying stations renovations | \$4,500,000 | \$4,500,000 |
| 43 | Marston Repairs and Renovations | \$6,000,000 | \$6,000,000 |
| 44 | Roadway/Sidewalks/Parking lot Repairs and Improvements | \$5,000,000 | \$5,000,000 |
| 45 | Landscape Improvements | \$1,500,000 | \$1,500,000 |
| 46 | Deferred Maintenance & Modernization Projects | \$15,000,000 | \$15,000,000 |
| 47 | Replace Oil Filled Transformers | \$2,000,000 | \$2,000,000 |
| 48 | Intermediate Processing Facility DM/Sitework | \$500,000 | \$500,000 |
| 49 | Housing Sprinkler Systems | \$23,000,000 | \$4,600,000 |
| 50 | Fine Arts Center fire protection | \$2,500,000 | \$2,500,000 |

Amherst Campus Projects

| Priority | Project Name | Cost Estimate August 2012 | FY13-17 Spending |
|--------------------------------|---|--------------------------------------|-----------------------------|
| 51 | Facility Demolitions | \$12,800,000 | \$12,100,000 |
| 52 | Central Campus Infrastructure | \$25,000,000 | \$24,700,000 |
| 53 | Chilled Water Loop | \$3,000,000 | \$2,000,000 |
| 54 | University Drive Infrastructure | \$8,000,000 | \$8,000,000 |
| 55 | Solar Panels | \$2,350,000 | \$2,350,000 |
| 56 | Lot 12 environmental | \$1,500,000 | \$1,500,000 |
| 57 | Coal Yard Decommission | \$1,000,000 | \$1,000,000 |
| 58 | Life Safety/Code Compliance | \$5,000,000 | \$5,000,000 |
| 59 | Campus Security Improvements | \$5,000,000 | \$5,000,000 |
| 60 | Campus Infrastructure | \$13,000,000 | \$13,000,000 |
| 61 | North Pleasant Street Road Improvements | \$9,000,000 | \$9,000,000 |
| 62 | Wayfinding and Signage | \$1,000,000 | \$1,000,000 |
| 63 | Property Acquisitions | \$1,500,000 | \$1,500,000 |
| 64 | Marks Meadow/Furcolo Renovations | \$21,400,000 | \$21,400,000 |
| 65 | ADA Accessibility | \$6,000,000 | \$6,000,000 |
| 66 | Lederle Research Center Faculty Renovations (NIH) | \$12,700,000 | \$5,950,000 |
| 67 | Paige Lab Renovations | \$9,900,000 | \$9,600,000 |
| 68 | Hampshire DC renovations | \$15,000,000 | \$14,950,000 |
| 69 | Lincoln Campus Center Concourse Improvements | \$12,000,000 | \$11,900,000 |
| 70 | Academic Renovations Pool | \$2,500,000 | \$2,500,000 |
| 71 | Campus Space Reallocation | \$5,000,000 | \$5,000,000 |
| 72 | Housing Repair & Renovation | \$25,000,000 | \$25,000,000 |
| 73 | Classroom Renovations | \$2,000,000 | \$2,000,000 |
| 74 | Goessmann Renovations | \$15,000,000 | \$6,800,000 |
| 75 | Hampden Dining/Student Union Study | \$400,000 | \$400,000 |
| 76 | New Faculty Hire Renovations | \$14,000,000 | \$13,000,000 |
| 77 | Electrical/other infrastructure | \$5,000,000 | \$5,000,000 |
| 78 | Hills relocations | \$4,000,000 | \$4,000,000 |
| 79 | Goodell deferred maintenance & renovations | \$3,500,000 | \$3,490,000 |
| 80 | Machmer renovations | \$1,200,000 | \$1,200,000 |
| 81 | Tobin Renovations | \$1,000,000 | \$1,000,000 |
| 82 | Fine Arts Center renovations | \$9,000,000 | \$9,000,000 |
| 83 | New Africa House renovations | \$1,700,000 | \$1,700,000 |
| 84 | Office Renovations | \$10,000,000 | \$9,000,000 |
| 85 | Life Science Laboratories backfill renovations | \$18,000,000 | \$18,000,000 |
| 86 | Dining Commons Renovations/study | \$1,000,000 | \$1,000,000 |
| 87 | Old Chapel Renovation/study | \$1,000,000 | \$1,000,000 |
| Amherst Campus Subtotal | | \$1,424,436,000 | \$1,137,473,000 |

Boston Campus Projects

| Priority | Project Name | Cost Estimate August 2012 | FY13-17 Spending |
|-------------------------------|---|------------------------------|----------------------|
| Bl.01 | Replace and Construct new Structure for Primary Campus Electrical Switchgear | \$5,500,000 | \$5,500,000 |
| Bl.02.01 | Wheatley Hall Roof Replacements and Building Envelope Repairs | \$3,600,000 | \$100,000 |
| Bl.02.02 | Clark Athletic Center: Replace/Repair East Curtain Wall | \$2,000,000 | \$2,000,000 |
| Bl.02.03 | Healey Building: Roof Replacement and Building Envelope Repairs | \$1,800,000 | \$1,800,000 |
| Bl.02.04 | Service and Supply Building: Roof Replacement and Building Envelope Repairs | \$1,750,000 | \$1,750,000 |
| Bl.04 | Campus Center: Install Interior Glazing on 2nd & 3rd Floors of Interior Atrium | \$600,000 | \$550,000 |
| Bl.05 | Grounds: Sea Wall and Harborwalk Construction on North-Facing Shore | \$3,800,000 | \$3,725,000 |
| Bl.06 | Nantucket Field Station: Repairs to Field Station Buildings and Septic System and Gouin Village Apartment Repairs | \$2,000,000 | \$1,500,000 |
| Bl.09 | Healey Building: Fire Protection Improvements (Install Fire Sprinklers, Replace Fire Alarm System and Fire Pumps) | \$8,200,000 | \$8,200,000 |
| Bl.10 | Clark Athletic Center/McCormack Hall/Quinn Administration/Wheatley Hall: Elevator Renovations | \$3,300,000 | \$3,200,000 |
| Bl.11.01 | Saltwater Pump House: Mechanical System Upgrades | \$1,500,000 | \$1,500,000 |
| Bl.12 | Campus-wide: Central IT Upgrades/Replacements | \$5,000,000 | \$5,000,000 |
| Bl.13 | Campus-wide: Telephone System Upgrades | \$1,300,000 | \$1,300,000 |
| Bl.15 | Calf Pasture Pumping Station: Security and Button-up Envelope at ownership transition | \$500,000 | \$440,000 |
| Bl.16 | Campus Wide: One Card System | \$2,000,000 | \$2,000,000 |
| Bl.17 | Campus-wide: ADA Compliance | \$1,000,000 | \$1,000,000 |
| Bl.18 | Fox Point Docks: Upgrades and ADA Accessibility | \$1,500,000 | \$1,500,000 |
| Bl.19 | Campus-wide: Replace Exterior Doors to Ensure Climate Control (including vestibules) and Code Compliance | \$3,200,000 | \$3,150,000 |
| Bl.20 | Campus-wide: Off-site Data Center Backup | \$600,000 | \$600,000 |
| Bl.22 | Projects Less Than \$500,000 (Aggregate) | \$4,700,000 | \$4,350,000 |
| MP.01.01 | Master Plan Phase I: Construct New Integrated Sciences Complex | \$182,000,000 | \$161,000,000 |
| MP.01.02 | Master Plan Phase I: Utility Plant System Expansion and Upgrades to Accommodate ISC and GAB | \$3,000,000 | \$3,000,000 |
| MP.01.03 | Life Sciences: Center for Personalized Cancer Therapy (To be located within Integrated Sciences Complex) | \$10,000,000 | \$10,000,000 |
| MP.02.01 | Master Plan Phase I: Utility Corridor and Roadway Relocation Project | \$143,000,000 | \$140,900,000 |
| MP.02.02 | Master Plan Phase I: Utility Plant Upgrades related to pumps, controls, heat exchangers and Utility Corridor | \$11,000,000 | \$11,000,000 |
| MP.02.03 | Master Plan Phase I: Construct new Trigeneration Facility to accommodate increased campus water and electrical | \$27,500,000 | \$27,500,000 |
| MP.03 | Master Plan Phase I: Construct New Academic Building 1 | \$113,000,000 | \$110,800,000 |
| MP.04 | Master Plan Phase I: Construct 1,000 Bed Residence Hall 1 | \$100,000,000 | \$100,000,000 |
| MP.05.01 | Master Plan Phase I: Renovations to Existing Campus Buildings | \$75,000,000 | \$75,000,000 |
| MP.06.01 | Master Plan Phase I: Study Substructure and Science Center Demolition | \$1,150,000 | \$1,150,000 |
| MP.06.02 | Master Plan Phase I: Construct new campus Greenhouse for research, teaching and community service | \$5,000,000 | \$5,000,000 |
| MP.06.03 | Master Plan Phase I: Relocate College of Science and Mathematics Machine Shop | \$1,000,000 | \$1,000,000 |
| MP.06.04 | Master Plan Phase I: Study Replacement of Catwalk/Enclosed Campus Walkway System and Connections | \$1,000,000 | \$1,000,000 |
| MP.06.05 | Master Plan Phase I: Study new LL/UL Facades and Access to Buildings from Grade | \$1,000,000 | \$1,000,000 |
| MP.06.06 | Master Plan Phase I: Substructure and Science Center Demolition | \$15,000,000 | \$15,000,000 |
| MP.06.08 | Master Plan Phase I: Relocate Track/Athletic Field | \$2,800,000 | \$2,800,000 |
| MP.07 | Master Plan Phase I: Construct New Academic Building 2 | \$100,000,000 | \$74,500,000 |
| MP.08 | Master Plan Phase I: Construct +/- 1,200 Vehicle Parking Garage West including Public Safety Space | \$45,000,000 | \$45,000,000 |
| MP.09 | Master Plan Phase I: Build Out Campus Center UL Parking Garage Space as Assignable Space | \$5,000,000 | \$5,000,000 |
| MP.10 | Master Plan Phase I: Secure or Demolish Bayside Expo Center building and initial property improvements | \$6,000,000 | \$6,000,000 |
| SU.01 | Substructure: Interim Structural Stabilization, Access/Egress and Acid Neutralization Tanks | \$28,505,000 | \$500,000 |
| SU.02 | Substructure: Utility Plant Roof Replacement | \$4,570,000 | \$1,050,000 |
| TR.01 | McCormack Hall: Conversion of Vacant Cafeteria, Servery and Kitchen Space for College of Nursing | \$2,275,000 | \$2,275,000 |
| TR.02 | Campus -wide: Renovations to Support Teaching and Research | \$850,000 | \$850,000 |
| TR.03 | Healey Building/Quinn Administration Building: Construct new classrooms | \$1,000,000 | \$1,000,000 |
| TR.04 | Clark Athletic Center: Replacement of Gymnasium Floor and Bleacher Repairs | \$2,450,000 | \$1,850,000 |
| Boston Campus Subtotal | | \$940,950,000 | \$853,340,000 |

Dartmouth Campus Projects

| Priority | Project Name | Cost Estimate August 2012 | FY13-17 Spending |
|----------------------------------|---|--------------------------------------|-----------------------------|
| 1 | Claire T. Carney Library - Expansion & Renovation | \$46,000,000 | \$14,000,000 |
| 2 | Energy / Water Savings Project | \$40,000,000 | \$28,000,000 |
| 3 | Massachusetts Accelerator for Biomanufacturing (MAB) (Fall River) | \$25,600,000 | \$23,846,624 |
| 4 | SMAST / DMF Expansion | \$48,000,000 | \$47,359,830 |
| 8 | Feasibility/Planning New Academic Bldg | \$500,000 | \$500,000 |
| 9 | New Academic Building | \$75,000,000 | \$46,500,000 |
| 10 | Repair Four Oldest Residence Halls | \$75,000,000 | \$22,750,000 |
| 11 | Fitness Center Expansion | \$5,100,000 | \$5,100,000 |
| 13 | Tripp Athletic Center - Locker & Training Room Renovations | \$1,900,000 | \$1,305,564 |
| 14 | Research Laboratory Improvements | \$11,865,800 | \$10,781,875 |
| 16 | Charlton College of Business, Phase II | \$15,000,000 | \$15,000,000 |
| 17 | Replace Failed HVAC Systems | \$3,500,000 | \$3,500,000 |
| 20 | ADA Renovations Immediate Needs | \$2,184,000 | \$750,000 |
| 24 | Landscape/Lighting Improvements | \$1,832,000 | \$832,000 |
| 25 | Ring Road Replacement Study | \$500,000 | \$500,000 |
| Dartmouth Campus Subtotal | | \$351,981,800 | \$220,725,893 |

Lowell Campus Projects

| Priority | Project Name | Cost Estimate August 2012 | FY13-17 Spending |
|-------------------------------|---|--------------------------------------|-----------------------------|
| 1 | ETIC Bldg. (incl. 3rd & 4th floors) | \$81,500,000 | \$25,750,000 |
| 2 | Health & Social Sciences Bldg (HSSB) (South Campus Academic Bldg.) | \$41,000,000 | \$21,000,000 |
| 3 | University Suites (Aiken St.)Residence Hall | \$56,000,000 | \$56,000,000 |
| 4 | University Crossing - Student Life, Student Services & Admin Serv. | \$91,500,000 | \$91,500,000 |
| 5 | Fox Hall Dining Renovations | \$10,500,000 | \$6,000,000 |
| 6 | North Campus Garage | \$20,000,000 | \$10,000,000 |
| 7 | South Campus Garage | \$20,000,000 | \$20,000,000 |
| 8 | Pulichino/Tong School of Business Building | \$35,000,000 | \$35,000,000 |
| 9 | On-Going Academic Modernization incl. Relocations (Phase 1: FY13-22) | \$30,000,000 | \$15,000,000 |
| 10 | Energy & Power Plant Improvements (incl. Performance Contract) | \$30,000,000 | \$24,000,000 |
| 11 | Science & Engineering Master Plan-Perry Hall (Engineering Bld.) Renewal | \$25,000,000 | \$25,000,000 |
| 12 | Science & Engineering Master Plan-Olsen Renovations | \$45,000,000 | \$26,100,000 |
| 13 | Leitch & Bourgeois Res Hall Renovations | \$25,000,000 | \$25,000,000 |
| 14 | South Campus Master Plan & Initial Space Revisions | \$20,000,000 | \$20,000,000 |
| 15 | Capital Renewal/Deferred Maintenance/Compliance (Phase 1: FY13-22) | \$80,000,000 | \$40,000,000 |
| 16 | Property Acquisitions | \$10,000,000 | \$10,000,000 |
| 17 | Technology Infrastructure | \$15,000,000 | \$7,500,000 |
| 19 | Science & Engineering Master Plan-North Campus Quad Renew | \$31,500,000 | \$8,230,000 |
| 21 | Residential Hall Comprehensive Renewal Program (Phase 1: FY13-22) | \$30,000,000 | \$15,000,000 |
| 22 | Wannalancit | \$7,100,000 | \$5,700,000 |
| 23 | Civic & Athletic Facilities | \$3,300,000 | \$2,500,000 |
| Lowell Campus Subtotal | | \$707,400,000 | \$489,280,000 |

Medical School Projects

| Priority | Project Name | Cost Estimate August 2012 | FY13-17 Spending |
|--------------------------------|--|--------------------------------------|-----------------------------|
| 1 | Power Plant Expansion | \$51,000,000 | \$5,000,000 |
| 2 | Albert Sherman Center | \$350,000,000 | \$100,000,000 |
| 3 | New NW Parking Garage | \$40,000,000 | \$20,000,000 |
| 4 | School 4th fl Lab to Office Renovations - Backfill Phase 1 Basic Science wing | \$2,000,000 | \$2,000,000 |
| 5 | School Building renovate Labs to Offices - Floor 2, 3 Backfill Project Phase 2 | \$8,000,000 | \$8,000,000 |
| 6 | Enhance chilled water loop pump/controls | \$3,000,000 | \$3,000,000 |
| 7 | School HVAC Upgrades/Replacements | \$38,500,000 | \$38,500,000 |
| 8 | Renovate and Expand BL3 Suite - 7th Fl | \$6,400,000 | \$6,400,000 |
| 16 | Parking Lot Maintenance - Main Campus | \$10,840,000 | \$10,840,000 |
| 24 | Network Infrastructure | \$10,000,000 | \$10,000,000 |
| 25 | Departmental equipment purchases | \$10,000,000 | \$10,000,000 |
| Medical School Subtotal | | \$529,740,000 | \$213,740,000 |
| University Total | | \$3,954,507,800 | \$2,914,558,893 |

And further,

To approve the following revised project cost estimates for previously approved capital projects identified in Appendix B of the University Capital Plan as described in Doc. T12-062:

| Campus | Project Name | Approved Total Project Cost | Revised Total Project Cost |
|-----------|--|--------------------------------|-------------------------------|
| Amherst | New Substation and Electrical Upgrades | \$16,000,000 | \$40,000,000 |
| Amherst | Paige Lab Renovations | \$6,000,000 | \$9,900,000 |
| Boston | Nantucket Field Station: Repairs Buildings and Septic System and Gouin Village Apartments | \$1,400,000 | \$2,000,000 |
| Boston | Master Plan Phase I: Utility Plant Upgrades | \$7,000,000 | \$11,000,000 |
| Boston | Master Plan Phase I: Construct +/- 1,200 Vehicle Parking Garage West including Public Safety Space | \$35,000,000 | \$45,000,000 |
| Dartmouth | New Academic Building | \$55,000,000 | \$75,000,000 |
| Dartmouth | Athletic Field Replacement & Track Renovation | \$819,000 | \$1,400,000 |
| Lowell | Leitch & Bourgeois Residence Hall Renovations | \$20,000,000 | \$25,000,000 |
| Medical | School Building renovate Labs to Offices - Floor 2, 3 Backfill Project Phase 2 | \$4,200,000 | \$8,000,000 |
| Medical | School HVAC Upgrades/Replacements | \$30,000,000 | \$38,500,000 |
| Medical | Renovate and Expand BL3 Suite - 7th Fl | \$5,500,000 | \$6,400,000 |
| Medical | North Road Pavement, Sidewalks and Lighting | \$600,000 | \$1,500,000 |
| Medical | Steam Chiller 2 Retrofits | \$500,000 | \$1,000,000 |
| | University Total | \$182,019,000 | \$264,700,000 |

And further,

With respect to any or all of the projects identified in the University Capital Plan as described in Doc. T12-062, to authorize the President of the University and such other officers of the University as he may designate (the President and each such other officer referred to herein as an "Authorized Officer"), each acting singly, in the name and on behalf of the trustees, the University or the Commonwealth, as appropriate, (a) to effectuate the financing of one or more or all of such projects by such means as such Authorized Officer shall deem advisable, including without limitation by requesting in writing the University of Massachusetts Building Authority, the Massachusetts Development Finance Agency or any other statutorily qualified issuer in the Commonwealth to issue debt therefor, or to request the Worcester City Campus Corporation to effectuate the financing thereof through any such issuer of debt, so long as the estimated total project cost does not exceed the estimated total project cost listed in Doc. T12-062 by more than 20% (exclusive of capitalized interest, debt service reserve funds, cost of issuance of the obligations, costs of bond insurance or other credit enhancement and other cost of the financing), and, (b) in connection with any such financing, to take such actions (including without limitation the execution of the guaranty of the Commonwealth on any obligation guaranteed by the Commonwealth), secure such governmental approvals, execute such agreements (including without limitation contracts for financial assistance, management and services, contracts for management and services or leases or subleases) containing such provisions and provide for such terms and sources of repayment, all as such Authorized Officer shall deem advisable and as may be required or permitted by law, including without limitation St. 1960, c. 773, §_19A, as amended, and St. 1992, c. 138, §_15A, as inserted by St. 2000, c. 159, §_303.

UNIVERSITY OF MASSACHUSETTS BOARD OF TRUSTEES

COMMITTEE: Administration and Finance – September 12, 2012

ACTION ITEM #b,2: Resolution Authorizing Requests for Initiation by University of Massachusetts Building Authority of University Projects and Related Matters

DATE: BoT – September 19, 2012

DOC. & VOTE I.D. #: T12-063

VOTED: WHEREAS, pursuant to Chapter 773 of the Acts of 1960, as amended (“Building Authority Enabling Act”), the University of Massachusetts Building Authority is a body politic and corporate and a public instrumentality of The Commonwealth of Massachusetts (the “Commonwealth”) created to aid and contribute to the performance of the education and other purposes of the University of Massachusetts (the “University”) by providing dormitories, dining commons and other buildings and structures for the use of the University, its students, staff and their dependents and for lease to or use by an organization or association, in any form, of students or others the activities of which are a part of the activities at the University and subject to regulation by the Board of Trustees of the University (the “Trustees”);

WHEREAS, pursuant to the Building Authority Enabling Act, the Building Authority may issue bonds to finance projects undertaken by the Building Authority at the request of the Trustees, or, with the approval of the Trustees, issue refunding bonds, all of which bonds are secured, in part, by revenues from the Building Authority, the University and the Commonwealth, as authorized by the Trustees on behalf of the University and the Commonwealth;

WHEREAS, in the judgment of the Trustees it is in the best interests of the University, its students, staff and their dependents and said organizations that the Building Authority undertake projects and finance such projects as described below;

WHEREAS, in the judgment of the Trustees it is in the best interest of the University for the Building Authority to refund bonds when market conditions are favorable; and

WHEREAS, the Building Authority's enabling act authorizes the Trustees, on behalf of the Commonwealth, to provide a Commonwealth guaranty of not to exceed \$200,000,000 outstanding principal amount of Building Authority Bonds;

NOW, THEREFORE,

1. Each of the President and the Senior Vice President for Administration & Finance and Treasurer of the University, acting alone, be and each, acting alone, (each, an "Authorized Officer") hereby is authorized in the name and on behalf of the Trustees to make a written request of the Building Authority that the Building Authority initiate and undertake:

(a) Any or all of the projects set forth in Appendix A of the University of Massachusetts FY2013 to 2017 University Capital Plan (Trustee Document T12-062); and

(b) Any other construction of or respecting or renovation, repair, remodeling or other work in or upon or respecting any building or structure owned or used by the University or the Building Authority, or the provision, installation, renovation, repair or remodeling of or other work upon or respecting any furnishings, furniture, machinery, equipment or facilities with respect to any such building or structure, all as may be requested of the Building Authority in writing from time to time by an Authorized Officer, the making of any such request being hereby authorized.

2. The projects to be initiated by the Building Authority in accordance with any request authorized to be made in Section 1 of this resolution may in the discretion of the Building Authority be undertaken separately or together for financing purposes.

3. The issuance of refunding bonds by the Building Authority is hereby approved, in such amount and on such terms as shall be approved in writing by an Authorized Officer.

4. Each Authorized Officer hereby is authorized to execute and deliver on behalf of the University and the Commonwealth one or more contracts for financial assistance, management and services with respect to the projects financed or refinanced by the Building Authority and the Building Authority bonds issued in connection therewith, including any refunding bonds. Each such contract may include the Commonwealth guaranty of all or a portion of such bonds, as determined by an Authorized Officer and

within the limits prescribed by the Building Authority's enabling act.

5. Each Authorized Officer is hereby authorized to take such other action as deemed necessary or desirable to be done or taken to effectuate the matters hereby authorized, as conclusively evidenced by their doing the things or taking the action hereby authorized.

UNIVERSITY OF MASSACHUSETTS BOARD OF TRUSTEES

COMMITTEE: Administration and Finance – September 12, 2012

ACTION ITEM #b,3: Worcester Campus – Property Transfers to the Massachusetts Department of Transportation for Road Improvement Projects

DATE: BoT – September 19, 2012

DOC. & VOTE I.D. #: T12-064

VOTED: Subject to the authorities and contingencies specified herein, to deem that portion of University land comprising an approximately 23,919 square foot parcel at the intersection of South Road and Lake Avenue, abutting Lake Avenue North in the City of Worcester, as depicted on the attached aerial map, as surplus property as it is currently and for the foreseeable future not needed for the University's purposes and that it is in the University's interest to transfer this land to the Massachusetts Department of Transportation (DoT) so that it may serve a better purpose for the University. The transfer of this land to the DoT will enable the DoT and the City of Worcester to make roadway improvements to Lake Avenue which will be a direct benefit to the University.

The President is authorized, for and on behalf of the University of Massachusetts, to do and perform any and all acts and things which may be necessary to effect this transfer. This authority includes preparing, making and filing of plans, applications, reports and other documents; the execution, acceptance, delivery and recordation of agreements, deeds and other instruments pertaining to the transfer of said property; as well as cooperating with any legislative action or other administrative process which may be necessary to effect said transfer. The President may delegate any or all of this authority to the Chancellor of the Worcester campus.

UNIVERSITY OF MASSACHUSETTS BOARD OF TRUSTEES

COMMITTEE: Administration and Finance – September 12, 2012

ACTION ITEM #b,4: Amherst Campus Land Transfer - A

DATE: BoT – September 19, 2012

DOC. & VOTE I.D. #: T12-065

VOTED: Subject to the authorities and contingencies specified herein, to approve the grant of easements to the Town of Amherst in, on, over and under the parcel of University land shown as Olympia Drive and Authority Way on a preliminary plan of land and attached hereto as Attachment A, for the right of public access for pedestrian and vehicle traffic on Olympia Drive; for the Town to construct, operate, maintain, and repair improvements on Olympia Drive and Authority Way including but not limited to, pavement, sidewalks, curb cuts, poles, utilities, trees and other plantings; and for the Town to construct, operate, maintain, and repair, and other attendant and customary purposes, water and sewer systems on Olympia Drive and Authority Way.

To authorize the President, with authority to further delegate to the Chancellor of the Amherst campus, for and on behalf of the University of Massachusetts, to do and perform any and all acts and things which may be necessary to effectuate this grant of easements. This authority includes but is not limited to, preparing, making and filing of plans, applications, reports and other documents; the execution, acceptance, delivery and recordation of agreements, deeds and other instruments pertaining to the easements on said property, as well as cooperating with any legislative action to effect said transfer if such action is deemed necessary.

The grant of easements specified herein shall not be effective until all other legal authorizations have been completed, including but not limited to, any vote of Amherst Town Meeting and/or any other Town committees or boards as may be required under the Town's bylaws, ordinances or regulations, approving the acceptance of these easements and the Town's obligations thereunder, and upon any necessary legislative action by the General Court authorizing the grant of these easements.

UNIVERSITY OF MASSACHUSETTS BOARD OF TRUSTEES

COMMITTEE: Administration and Finance – September 12, 2012

ACTION ITEM #b,5: Amherst Land Transfer - B

DATE: BoT – September 19, 2012

DOC. & VOTE I.D. #: T12-066

VOTED: To deem that portion of University land comprising approximately 16,981 square feet abutting Amity Street in the Town of Amherst, as depicted on the preliminary plan of land dated September 9, 2009, and attached hereto as Attachment A, as surplus property as it is currently and for the foreseeable future not needed for the University's purposes and that it is in the University's interest to transfer this land to the Town of Amherst so that it may serve a better purpose for the University; and to authorize the President, with authority to further delegate to the Chancellor of the Amherst campus, for and on behalf of the University of Massachusetts, to do and perform any and all acts and things which may be necessary to effect this transfer.

This authority includes preparing, making and filing of plans, applications, reports and other documents; the execution, acceptance, delivery and recordation of agreements, deeds and other instruments pertaining to the transfer of said property; as well as cooperating with any legislative action to effect said transfer if such action is deemed necessary.

The transfer of land specified herein shall not be effective until all other legal authorizations have been completed, including but not limited to, any vote of Amherst Town Meeting and/or any other Town committees or boards as may be required under the Town's bylaws, ordinances or regulations, approving the acceptance of this land and the Town's obligations thereunder, and upon a vote of the General Court authorizing the transfer of land.

UNIVERSITY OF MASSACHUSETTS BOARD OF TRUSTEES

COMMITTEE: Governance –September 12, 2012

ACTION ITEM #e,1: 2012-2013 Slate of Officers

DATE: BoT – September 19, 2012

DOC. & VOTE I.D. #: T12-048

VOTED: To confirm and approve the Officers and Committee Chairs of the Board of Trustees set forth in Doc. T12-048, all to serve until the next annual meeting of the Board.

CONSENT AGENDA VOTES

To approve the following votes listed as items 1-8:

Committee on Academic and Student Affairs (Items 1-8 Were Approved by the Committee on September 5, 2012)

1. M.A. in Security Studies AND M.S. in Security Studies, UMass Lowell (Doc. T12-052)

To approve the M.A. in Security Studies AND the M.S. in Security Studies at the University of Massachusetts Lowell as contained in Doc. T12-052.

2. Ph.D. in Sociology, UMass Boston (Doc. T12-053)

To approve the Ph.D. in Sociology at the University of Massachusetts Boston as contained in Doc. T12-053.

3. Ph.D. in Applied Linguistics, UMass Boston (Doc. T12-058)

To approve the Ph.D. in Applied Linguistics at the University of Massachusetts Boston as contained in Doc. T12-058.

4. Appointments to Named Professorships, UMass Worcester (Doc. T12-050)

To concur with the President in the appointment of Allan S. Jacobson to the Gerald L. Haidak and Zelda S. Haidak Distinguished Professorship in Cell Biology at the University of Massachusetts Worcester.

And further,

To concur with the President in the appointment of Robert H. Brown, Jr. to the Leo P. and Theresa M. LaChance Chair in Medical Research at the University of Massachusetts Worcester.

5. Revisions to the Graduate Student Senate Constitution, UMass Amherst (Doc. T12-001, as amended)

To approve the revisions to Graduate Student Senate Constitution at the University of Massachusetts Amherst as contained in Doc. T12-001, as amended.

6. Appointments with Tenure, UMass Boston, Dartmouth, Lowell (Doc. T12-055)

To concur with the President in the appointment of Richard K. Fleming as associate professor with tenure in the Department of Exercise and Health Sciences at the University of Massachusetts Boston.

And further,

To concur with the President in the appointment of Philip J. Troped as associate professor with tenure in the Department of Exercise and Health Sciences at the University of Massachusetts Boston

And further,

To concur with the President in the appointment of Mary Lu Bilek as professor with tenure in the University of Massachusetts School of Law - Dartmouth.

And further,

To concur with the President in the appointment of David Campbell as associate professor with tenure in the Department of STEM Education at the University of Massachusetts Dartmouth.

And further,

To concur with the President in the appointment of Divina Grossman as professor with tenure in the Department of Community Nursing at the University of Massachusetts Dartmouth.

And further,

To concur with the President in the appointment of Joshua Dyck as associate professor with tenure in the Department of Political Science at the University of Massachusetts Lowell.

And further,

To concur with the President in the appointment of Luis M. Falcon as professor with tenure in the Department of Sociology at the University of Massachusetts Lowell.

And further,

To concur with the President in the appointment of Yuyu Sun as associate professor with tenure in the Department of Chemistry at the University of Massachusetts Lowell.

7. Awards of Tenure, UMass Amherst, Worcester (Doc. T12-056)

To concur with the President in the awards of tenure to the following individuals in the following Departments:

AMHERST:

Jennifer Fronc, History

Peter Graham, Philosophy

Jesse Mager, Veterinary and Animal Sciences

Qian Yu, Geosciences

WORCESTER:

Ann Rothstein, Medicine

Lambertus van den Berg, Molecular Medicine

8. Transfer of Tenure, UMass Amherst (Doc. T12-057)

To concur with the President in the following transfers of tenure at the University of Massachusetts Amherst:

Wesley Autio

Allen Barker

Prasanta Bhowmik

Daniel Cooley

Douglas Cox

Lyle Craker

Michelle DaCosta

Jeffrey Ebdon

John Gerber

Department of Plant, Soil and Insect Sciences

TO Stockbridge School of Agriculture at the

University of Massachusetts Amherst.

Duane Greene
Susan Han
Stephen Herbert
Geunhwa Jung
William Manning
Om Parkash
Stephen Simkins
John Stoffolano
Patricia Vittum
Robert Wick
Baoshan Xing

George Howe Department of Veterinary and Animal Sciences **TO** Stockbridge School of Agriculture at the University of Massachusetts Amherst.

Lynn Adler Department of Plant, Soil and Insect Sciences
Adam Porter **TO** Department of Biology at the University of
Ben Normark Massachusetts Amherst.

Jeffrey Blanchard Department of Microbiology **TO** Department of Biology at the
University of Massachusetts Amherst.
John Burand Department of Plant, Soil and Insect Sciences
Stephen Rich **TO** Department of Microbiology at the University of
Massachusetts Amherst.

Anne Averill Department of Plant, Soil and Insect Sciences
Joseph Elkinton **TO** Department of Environmental Conservation at the University
of Massachusetts Amherst.

Susan Leschine Department of Microbiology **TO** Department of Veterinary and
Animal Sciences at the University of Massachusetts Amherst.

UNIVERSITY OF MASSACHUSETTS BOARD OF TRUSTEES

OTHER BUSI. #1: **Department of Defense, Exclusion from Personnel Clearance Requirements**

DATE: **BoT – September 19, 2012**

DOC. & VOTE I.D. #: **T12-067**

VOTED: WHEREAS, current Department of Defense Regulations contain a provision making it mandatory that the Chairman of the Board, the President, the Secretary, and the designated Facility Security Officer meet the personnel clearance requirement established for a contractor's facility clearance; and

WHEREAS, said Department of Defense Regulations permit the exclusion from the personnel clearance requirements of certain members of the Board of Trustees and other officers, provided that this action is recorded in the minutes;

NOW, THEREFORE, BE IT DECLARED that the Chairman of the Board, the President, the Secretary and the designated Facility Security Officer at the present time do possess, or will be processed for, the required security clearance; and

BE IT RESOLVED that in the future, when any individual enters upon any duties as Chairman of the Board, the President, the Secretary or the designated Facility Security Officer, such individual shall immediately make application for the required security clearance; and

BE IT RESOLVED FURTHER that the following members of the Board of Trustees and other officers shall not have, and can be effectively excluded from access to all classified information in the possession of the corporation and do not occupy positions that would enable them to affect adversely policies or practices in the performance of classified contracts for the Department of Defense or the User Agencies of its Industrial Security Program:

| <u>NAME</u> | <u>TITLE</u> |
|-------------------------|---------------------|
| Richard P. Campbell | Trustee |
| Lawrence M. Carpman | Trustee |
| Edward W. Collins, Jr. | Trustee |
| John A. DiBiaggio | Trustee |
| Joshua Encarnacion | Trustee |
| Maria D. Furman | Trustee |
| Phillip J. Geoffroy | Trustee |
| Zoila M. Gomez | Trustee |
| Jennifer Healy | Trustee |
| Philip W. Johnston | Trustee |
| James J. Karam | Trustee |
| Ruben J. King-Shaw, Jr. | Trustee |
| Alyce J. Lee | Trustee |
| Alexis Marvel | Trustee |
| Jeffrey B. Mullan | Trustee |
| Kerri Osterhaus-Houle | Trustee |
| R. Norman Peters | Trustee |
| Brian Quattrochi | Trustee |
| S. Paul Reville | Trustee |
| Victor Woolridge | Trustee |
| Margaret D. Xifaras | Trustee |

UNIVERSITY OF MASSACHUSETTS BOARD OF TRUSTEES

OTHER BUSI. #2: **Appointment of Senior Vice President for Administration and Finance and Treasurer**

DATE: **BoT – September 19, 2012**

DOC. & VOTE I.D. #: **T12-068**

VOTED: To appoint Christine Wilda as Senior Vice President for Administration and Finance and Treasurer of the University of Massachusetts.