The State University of New York
2008-09 Operating and Capital
Budget Presentation

November 27, 2007
2008-09 Budget Request

Contents

- Commitment to Excellence
- Commitment to Efficiency
- SUNY Compact
- 2008-09 Operating Budget Request
  - State-Operated Campuses
  - Community Colleges
  - Hospitals
  - Statutory Colleges
- 2008-09 Capital Budget Request
SUNY Today: A Commitment to Excellence

Enrollment Trends

- Doctoral - 15%
- Comprehensive - 9%
- Technology - 15%
- Community College - 14%
- SUNY - 16%
- National - 22%
SUNY Today: A Commitment to Excellence

Mean SAT Scores
SUNY Today: A Commitment to Excellence

Graduation Rates

- All SUNY: 60% (SUNY), 54% (National Public Avg.), 64% (National Private Avg.)
- Doctoral: 66% (SUNY), 61% (National Public Avg.), 77% (National Private Avg.)
- Comprehensive Colleges: 54% (SUNY), 46% (National Public Avg.), 57% (National Private Avg.)
SUNY Today: A Commitment to Excellence

Increased Retention

- All SUNY: 79% and 83%
- Doctoral: 85% and 87%
- Comprehensive Colleges: 74% and 79%

- SUNY 1996 Cohort
- SUNY 2005 Cohort
- Public Average
- Private Average
SUNY Today: A Commitment to Excellence

National Rankings

- University of Buffalo, Stony Brook University: members of Association of American Universities (AAU), select group of 62 leading public and private research institutions – Association of American Universities

- Binghamton University, Stony Brook University, SUNY College of Environmental Science and Forestry: top 50 public national universities – U.S. News and World Report

- UAlbany College of Nanoscale Science and Engineering: world’s #1 college for nanotechnology and microtechnology – Small Times Magazine

- SUNY Geneseo: ranked #2 among the “Top Public Universities — Master’s” in the North – U.S News and World Report


- SUNY Old Westbury: #1 school in the nation for campus diversity – U.S News and World Report

- Fashion Institute of Technology: has been ranked #1 Comprehensive College in the North – U.S. News and World Report
SUNY Today: A Commitment to Excellence

SUNY’s Sponsored Research Growth/Peers

SUNY Sponsored Research Expenditures
(includes Cornell and Ceramics)

Percentage of Federally Financed R & D
Expenditures at Universities and Colleges
(by System) FY2005
### SUNY Today: A Commitment to Efficiency

**Increasing Non-State Support in the All Funds Budget**

<table>
<thead>
<tr>
<th>Category</th>
<th>1992-93</th>
<th>2007-08</th>
<th>% change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand Total</td>
<td>$4,455.5</td>
<td>$10,080.5</td>
<td>126.2%</td>
</tr>
<tr>
<td>Total State Support $</td>
<td>$1,785.1</td>
<td>$3,484.0</td>
<td>95.2%</td>
</tr>
<tr>
<td>State Operated Campuses</td>
<td>896.8</td>
<td>1,451.1</td>
<td>61.8%</td>
</tr>
<tr>
<td>Fringe Benefits</td>
<td>305.6</td>
<td>980.3</td>
<td>220.8%</td>
</tr>
<tr>
<td>Debt Service</td>
<td>212.2</td>
<td>397.0</td>
<td>87.1%</td>
</tr>
<tr>
<td>Comm. Colleges State Share</td>
<td>280.9</td>
<td>473.7</td>
<td>68.6%</td>
</tr>
<tr>
<td>Other</td>
<td>89.6</td>
<td>181.9</td>
<td>103.0%</td>
</tr>
<tr>
<td>Total Non-State Support $</td>
<td>$2,670.4</td>
<td>$6,596.5</td>
<td>147.0%</td>
</tr>
<tr>
<td>Tuition</td>
<td>740.2</td>
<td>1,476.7</td>
<td>99.5%</td>
</tr>
<tr>
<td>Self-Supporting Funds</td>
<td>319.0</td>
<td>821.3</td>
<td>157.5%</td>
</tr>
<tr>
<td>Hospitals/LI Vet Home</td>
<td>547.9</td>
<td>1,691.4</td>
<td>208.7%</td>
</tr>
<tr>
<td>Sponsored Activity</td>
<td>328.1</td>
<td>798.7</td>
<td>143.4%</td>
</tr>
<tr>
<td>Comm. College Sponsor Share</td>
<td>268.2</td>
<td>448.4</td>
<td>67.2%</td>
</tr>
<tr>
<td>Other Campus Activity</td>
<td>467.0</td>
<td>1,360.0</td>
<td>191.2%</td>
</tr>
</tbody>
</table>

* (millions of dollars)
SUNY Today: A Commitment to Efficiency

State Support per Student FTE
State-Operated Campuses

State Support per FTE

State Support for FTE (HEPI Adjusted)
SUNY Today: A Commitment to Efficiency
Continued Steps Toward a More Efficient State University

SUNY’s Innovation and Efficiency Initiative

- Energy conservation and sustainability
- Facilities and building efficiencies
- Strategic Collaborations
- Operational Efficiency/BPR
- Strategic procurement
- Technological Innovation and Efficiency
- Academic Excellence
- Risk Management
- Financial Management
- Healthcare

Core Team
## SUNY Today: State-Operated Campuses

### Faculty Ratios Compared to National Peers

SUNY Faculty Compared to National Public Peers

<table>
<thead>
<tr>
<th>Sectors</th>
<th>Student FTE/Full-time Faculty</th>
<th>% Full-time Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>National Peers</td>
<td>SUNY</td>
</tr>
<tr>
<td>Doctoral</td>
<td>12.7:1</td>
<td>13.9:1</td>
</tr>
<tr>
<td>Comprehensive</td>
<td>20.9:1</td>
<td>22.7:1</td>
</tr>
<tr>
<td>Technology</td>
<td>21.5:1</td>
<td>22.5:1</td>
</tr>
<tr>
<td>Community College</td>
<td>31.5:1</td>
<td>33.7:1</td>
</tr>
</tbody>
</table>

Source: IPEDS and SUNY Office of Institutional Research Files using Fall 2005 and 2006 data.
Note: Analysis excludes contract colleges at Alfred and Cornell.
## 2008-09 Budget Request

### Summary

<table>
<thead>
<tr>
<th>(thousands of dollars)</th>
<th>2007-08 Enacted Budget State Support</th>
<th>Requested State Tax Support Increase</th>
<th>2008-09 Requested State Tax Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Operated Campuses*</td>
<td>$1,172,254</td>
<td>$99,791</td>
<td>$1,272,045</td>
</tr>
<tr>
<td>Statutory Colleges</td>
<td>172,279</td>
<td>38,202</td>
<td>210,481</td>
</tr>
<tr>
<td>Community Colleges</td>
<td>444,284</td>
<td>93,042</td>
<td>537,326</td>
</tr>
<tr>
<td>General State Charges</td>
<td>158,300</td>
<td>16,807</td>
<td>175,107</td>
</tr>
<tr>
<td>Hospital Subsidy</td>
<td>146,300</td>
<td>39,900</td>
<td>189,200</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$2,093,417</strong></td>
<td><strong>$287,742</strong></td>
<td><strong>$2,381,159</strong></td>
</tr>
</tbody>
</table>

*Includes university-wide programs and System Administration*
Funding SUNY: Best Public University System in America

The SUNY Compact

- New York State will fully fund mandated costs: enrollment growth, Empire Innovation program, OTPS inflation and collective bargaining

- Initiatives funded through efficiency savings, increased philanthropy, predictable tuition and 30 percent State funding

- Continue SUNY’s partnerships with New York State, students, alumni, and community

- Community Colleges and Statutory Colleges will also undertake philanthropic and efficiency initiatives
The SUNY Compact: Enhanced Higher Education

Predictable Tuition Plan

- Modest tuition increases in line with the Higher Education Price Index (HEPI)
- Provides ability for students and their families to plan for educational expenses
- Eliminates sharp unpredictable tuition increases
- Reduces increases in student fees not covered by TAP
- Students make direct investment to improve the quality of their own education
The SUNY Compact

Why Now?

- SUNY has been upholding its end of the Compact
- Since 1992-93, the State’s share of SUNY’s All Funds expenditures declined from 40% to 35%
- Significant increases in SUNY’s self-supporting programs have helped fund new initiatives and programs
- What SUNY needs now is more predictable and stable public funding to achieve our goal of becoming the nation’s premier public university system
2008-09 Budget Request
State Operated Campuses

Mandatory Costs

- Collective Bargaining* and General Inflation - $23.7M
- Enrollment - $29M
- Empire Innovation - $12M

*It is expected that additional state support will be provided to the University once ongoing contract negotiations have been concluded.

“Excellence in higher education is a key to our state’s future.”
Governor Eliot Spitzer, May 29, 2007
## 2008-09 Budget Request

### Empire Innovation Program

<table>
<thead>
<tr>
<th></th>
<th>2006-07</th>
<th>2007-08</th>
<th>2008-09</th>
<th>2009-10</th>
<th>2010-11</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>New Faculty</strong></td>
<td>33</td>
<td>33</td>
<td>46</td>
<td>69</td>
<td>78</td>
</tr>
<tr>
<td><strong>Total Faculty Added</strong></td>
<td>33</td>
<td>66</td>
<td>112</td>
<td>181</td>
<td>259</td>
</tr>
<tr>
<td><strong>Annual Funding Increase</strong></td>
<td>$6,000</td>
<td>$6,000</td>
<td>$12,000</td>
<td>$12,000</td>
<td>$12,000</td>
</tr>
<tr>
<td><strong>Total Funding Available</strong></td>
<td>6,000</td>
<td>12,000</td>
<td>24,000</td>
<td>36,000</td>
<td>48,000</td>
</tr>
</tbody>
</table>

### Return on Investment

- Increase in R&D Grants Awarded: 10,000, 20,000, 70,000, 74,600, 80,200
- Growth in NYS’s Economy: 32,000, 64,000, 223,000, 241,000, 257,000
Tomorrow’s SUNY: Best Public University System in America

Academic Quality Initiatives

- Enhance Educational Excellence
- Increase Access and Ensure Diversity
- Expand SUNY’s Leading Edge Research and Innovation Environment to Drive Economic Development
- Keep Campuses Safe and Secure
- Enhance Accountability

“...we must begin an effort to make our higher education system the best in America.”

Governor Eliot Spitzer, January 3, 2007
2008-09 Budget Request

Academic Quality Initiatives

Enhance Educational Excellence - $63M

- Increase Faculty - $25.2M
  - Diversify the Faculty
  - Provide Faculty for High Needs Programs
  - Strengthen the Faculty

- Ensure a Quality Student Teacher Experience - $0.9M
  - Increase the stipend for teachers who supervise teacher education
2008-09 Budget Request

Academic Quality Initiatives

Enhance Educational Excellence  (continued)

- Strengthening the Educational Experience - $14.4M
  - Digital Library
  - Student Performance Tracking
  - Strengthened Academic Analysis and Decision-Making
  - Campus-Based Assessment
  - Instructional and Research Equipment – Technology Upgrades
  - Academic Leadership Development Program

- Graduate Student Stipends and Waivers - $16.5M

- Geographic Differential - $6M
2008-09 Budget Request
Academic Quality Initiatives

Increase Access and Ensure Diversity - $9.9M
- Office of Diversity and Educational Equity - $0.4M
- Integrate Diversity and Excellence - $1.8M

- Student Scholarships and Support Targeting Access and Diversity - $7.7M
  - Empire State STEM Scholarships
  - Student Access and Success Program
  - Graduate Fellowships for Educational Equity and Diversity
  - Educational Opportunity Program (EOP)
  - College Work Study (state match)
2008-09 Budget Request

*Academic Quality Initiatives*

Expand SUNY’s Leading Edge Research and Innovation Environment to Drive Economic Development - $31.7M

- Strengthen SUNY’s Competitiveness - $20M
- Sponsored Activity Match at 20 Percent - $10.3M
- SUNY Press - $0.2M
- EOC - $0.7M
- China Initiative - $0.5M
2008-09 Budget Request

Academic Quality Initiatives

Keep Campuses Safe and Secure - $9.6M

Implement the Recommendations of the Chancellor’s Task Force on Critical Incident Management

- NY Alert System
- Increase mental health, security staff
- Appropriate technology to enhance safety
- Campus emergency response plans
- Campus behavior assessment committees
- Review of training procedures
- Critical Incident reporting procedures
2008-09 Budget Request

Academic Quality Initiatives

Enhance Accountability - $2.5M

- Greening SUNY - self-funded program in energy sustainability, conservation, education, technology, economics, and public policy

- Campus Support Services – enhanced legal, accounting, and human resource services

![Energy Consumption Target*](chart.png)

<table>
<thead>
<tr>
<th>Year</th>
<th>BTUs per Square Foot</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>142,110</td>
</tr>
<tr>
<td>2007</td>
<td>135,005</td>
</tr>
<tr>
<td>2008</td>
<td>128,254</td>
</tr>
<tr>
<td>2009</td>
<td>121,842</td>
</tr>
<tr>
<td>2010</td>
<td>112,366</td>
</tr>
</tbody>
</table>
# The SUNY Compact: State-Operated Campuses

<table>
<thead>
<tr>
<th>2007-08 Enacted Budget State Tax Dollar Support (Base)</th>
<th>$1,172,254</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Mandatory Needs</td>
<td>64,781</td>
</tr>
<tr>
<td>Total Initiatives</td>
<td>116,700</td>
</tr>
<tr>
<td>Total Requested Increase</td>
<td>$181,481</td>
</tr>
</tbody>
</table>

## Compact Funding Sources

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Innovation and Efficiency</td>
<td>9,000</td>
</tr>
<tr>
<td>Philanthropy</td>
<td>18,000</td>
</tr>
<tr>
<td>Tuition Increase (5%)</td>
<td>48,500</td>
</tr>
<tr>
<td><strong>Subtotal - Other</strong></td>
<td>75,500</td>
</tr>
<tr>
<td>State support - Mandatory</td>
<td>64,781</td>
</tr>
<tr>
<td>State support - Initiatives (at 30%)</td>
<td>35,010</td>
</tr>
<tr>
<td><strong>Subtotal - State</strong></td>
<td>99,791</td>
</tr>
<tr>
<td>Total Compact Funding Sources</td>
<td>$175,291</td>
</tr>
</tbody>
</table>

## 2008-09 Requested State Tax Support

<table>
<thead>
<tr>
<th>2008-09 Requested State Tax Support</th>
<th>$1,272,045</th>
</tr>
</thead>
</table>
2008-09 Budget Request
Community Colleges

- Funding priorities 2008-09:
  - Full-time faculty
  - High Needs programs
  - Student Services: advising, counseling, tutoring

- SUNY Community College Compact:
  - Supported by local sponsors and student tuition
  - $3M in philanthropy
  - $1M in efficiency and innovation savings
2008-09 Budget Request

Community Colleges Operating Aid Request

- Mandatory Needs $20.6M
- Safety and Security $10.8M
- Base Aid increase - $200/FTE $20.7M
- Colleges Below 33% State Share $36.9M
- Students in High Demand Programs - $200/FTE $1.3M
- Students in Resource-Intensive Remedial Education - $150/FTE $2.6M
2008-09 Budget Request
Cornell Statutory Colleges

- Base level - $14.6M
  - Salary Increments
  - OTPS Inflation
  - Enrollment (Vet Medicine)

- Initiatives - $22.5M
  - Land Grant Mission
  - Sustainability
  - Economic Development
  - Cooperative Extension
2008-09 Budget Request

College of Ceramics

- Base level - $410K
  - Salaries and Wages
  - Energy Inflation
  - Unified Contract Increase

- Initiatives - $640K
  - Research, Enrollment and Technology Transfer
  - Environmental Health and Safety
  - Library
  - Access and Diversity Coordinator
2008-09 Budget Request
SUNY Hospitals

State Support Request - $39.9M

Background: SUNY Hospitals receive a state subsidy recognizing State sponsorship and mission, including:

- Unique and costly programs (Burn Unit, Neonatal Units, Level I Trauma Centers) serving New York’s citizens and supporting academic mission

- Differential related to
  - Salaries
  - Employee benefits

Nobel Prize Winner in Medicine,
Dr. Robert Furchgott,
SUNY Downstate Medical Center
2008-09 Budget Request
General State Charges

General State Charges Request - $16.8M

Background

- $10.6M for employer contributions
- $6.2M for Optional Retirement Program (ORP) legislative changes
### 2008-09 Budget Request – State Operations

#### Summary

<table>
<thead>
<tr>
<th></th>
<th>2007-08 Enacted Budget</th>
<th>Change</th>
<th>2008-09 Requested Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Operating Budget</strong>*</td>
<td>$2,390.4</td>
<td>$252.0</td>
<td>$2,642.4</td>
</tr>
<tr>
<td><strong>General State Charges</strong></td>
<td>158.3</td>
<td>16.8</td>
<td>175.1</td>
</tr>
<tr>
<td><strong>Stabilization Fund (1st year of 2 year approp)</strong></td>
<td>-</td>
<td>85.0</td>
<td>85.0</td>
</tr>
<tr>
<td><strong>Special Revenue Funds - Other</strong></td>
<td>2,932.3</td>
<td>155.5</td>
<td>3,087.8</td>
</tr>
<tr>
<td><strong>Fiduciary Funds</strong></td>
<td>67.0</td>
<td>-</td>
<td>67.0</td>
</tr>
<tr>
<td><strong>Internal Service Funds</strong></td>
<td>12.0</td>
<td>.4</td>
<td>12.4</td>
</tr>
<tr>
<td><strong>Special Revenue Funds – Federal</strong></td>
<td>250.5</td>
<td>-</td>
<td>250.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$5,810.5</td>
<td>$509.7</td>
<td>$6,320.2</td>
</tr>
</tbody>
</table>

*Includes State tax support and tuition revenue for State Operated Campuses. Also includes State tax support for University-Wide Programs, System Administration, and Statutory Colleges.
## 2008-09 Budget Request – Aid to Localities

### Summary

<table>
<thead>
<tr>
<th>(millions of dollars)</th>
<th>2007-08 Enacted Budget</th>
<th>Requested Increase</th>
<th>2008-09 Requested Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Community Colleges</td>
<td>$444.3</td>
<td>$93.0</td>
<td>$537.3</td>
</tr>
<tr>
<td>County Cooperative Extension - Cornell</td>
<td>4.2</td>
<td>.2</td>
<td>4.4</td>
</tr>
<tr>
<td>Total</td>
<td>$448.5</td>
<td>$93.2</td>
<td>$541.7</td>
</tr>
</tbody>
</table>
## 2008-13 Five-Year Capital Plan

### Capital Budget Request Summary

<table>
<thead>
<tr>
<th></th>
<th># of Bldgs</th>
<th>Sq. Foot (millions)</th>
<th>Avg Age(1)</th>
<th>Budget Request (000’s)</th>
<th>Funded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>Educational Facilities (2)</td>
<td>1,811</td>
<td>56.9</td>
<td>43.5</td>
<td>$ 7,750,000</td>
<td>State</td>
</tr>
<tr>
<td>“Greening of SUNY” (3)</td>
<td></td>
<td></td>
<td></td>
<td>$ 541,900</td>
<td>Energy Savings</td>
</tr>
<tr>
<td>Hospitals</td>
<td>12</td>
<td>2.4</td>
<td>24.1</td>
<td>$ 776,500</td>
<td>Hospital Revenues</td>
</tr>
<tr>
<td>Community Colleges</td>
<td>485</td>
<td>17.1</td>
<td>40.5</td>
<td>$ 1,284,408</td>
<td>50% State 50% Local</td>
</tr>
<tr>
<td>Residence Halls</td>
<td>457</td>
<td>19.1</td>
<td>32.8</td>
<td>$ 818,000</td>
<td>Room Rents</td>
</tr>
<tr>
<td>Totals</td>
<td>2,765</td>
<td>95.5</td>
<td>41.1</td>
<td>$11,170,808</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**

(1) Average age (expressed in years) represents a straight average with no consideration given to the size of buildings or subsequent renovations.

(2) Includes a $500 million 384 Fund dry appropriation which requires no state funding.

(3) The funding for the “Greening of SUNY” program will be requested through the Educational Facilities Capital Program, for a combined request of $8.2919B.
## 2008-13 Five-Year Capital Plan

### SUNY Educational Facilities

#### Critical Maintenance
- Critical Maintenance Projects: $3,635,000,000
- Critical Maintenance Lump Sum – Emergencies and Claims: 115,000,000
- Total: $3,750,000,000

#### Strategic Initiatives
- Campus Priority Projects: $2,500,000,000
- “Greening of SUNY” Energy Initiative[^1]: 541,900,000
- Total: $3,041,900,000

#### Lump Sums for Evolving Initiatives
- Statewide Lump Sum for Evolving 5 Year Capital Needs: $1,000,000,000
- Total Funding Requested: $7,791,900,000

#### Dry Appropriation (384 Fund)
- Economic Development and other Self-Pay Projects: $500,000,000
- Total Appropriations Requested: $8,291,900,000

[^1]: The “Greening of SUNY” initiative will generate energy savings which may be used to pay debt service.
2008-13 Five-Year Capital Plan

Critical Maintenance

| Buildings | 1,811 |
| Square Footage | 56.9M |
| Average Age | 43.5 Years |

- The Fund maintains comprehensive data on the size, location and age of SUNY buildings and infrastructure.

- A comprehensive assessment of the current condition of facilities was required to determine the amount of capital needed to bring state-operated educational facilities to a state of good repair.
2008-13 Five-Year Capital Plan

Age of SUNY Buildings

- 73% of SUNY Educational Facilities are more than 30 years old

[Diagram showing the age distribution of SUNY buildings from Pre-1900 to 2010, with a peak in the 1970s and a decline in the 2000s.]
2008-13 Five-Year Capital Plan

Condition Assessment

- In the spring of 2007 the Fund, in concert with the SUNY campuses, developed and implemented a comprehensive new Building Condition Assessment Survey (BCAS) tool and process
- A team of Fund employees designed, programmed, implemented and validated the tool
- BCAS is a secure web-based application which assigns a condition to 29 building and 28 site/infrastructure components
  - Surveys were conducted by trained SUCF and SUNY facility and plant staff for each campus
  - All buildings with a GSF of 5,000 or greater were assessed (98% of total GSF)
  - Civil site, Infrastructure and Central Systems were also assessed
  - Condition ratings for each of 57 building and infrastructure components were recorded into BCAS
- BCAS results provided basic critical information for determining SUNY facility renewal and backlog needs and serves as an integral tool in helping to identify high priority capital projects
Assessing Facility Conditions

Building Condition Assessment Survey (BCAS)

1,146 (54.6 million GSF) Buildings

160 miles of Electrical Distribution

31 million sq. ft. of Parking

50 miles of Steam Distribution

450 Athletic Fields
Sizing SUNY’s Capital Plan

Capital Reinvestment Study

- In order to translate the BCAS data into a capital funding request, a sizing methodology was required to identify the necessary level of capital investment

- The Rockefeller Institute of Government, SUNY and the Fund engaged Dr. Frederick Biedenweg of Pacific Partners Consulting Group (PPCG) to conduct a study

- Dr. Biedenweg used the “Life Cycle Model Based on Current Replacement Value” to determine SUNY Educational Facility funding needs for:
  - **Renewal** – the cost to replace or renovate facility components/subsystems as they approach the end of assumed useful lives
  - **Backlog** (Deferred Maintenance) – accumulated renewal needs for facility components and subsystems that have exceeded assumed useful lives and require replacement or renovation within a short period of time
Sizing SUNY’s Capital Plan
Capital Reinvestment Study

Factors Considered:

- Building Type:
  - Complex (labs, patient care, animal care)
  - Basic (offices, classrooms, libraries)
  - Simple (warehouses, parking structures)
  - Small (less than 5,000 GSF)

- Component Life Cycles
- Prevailing Industry Project Costs
- Regional Cost Factors
- Special Considerations: Environmental Remediation, Historical Buildings, etc.

### Sampling of Life Cycles

<table>
<thead>
<tr>
<th>Sub-system</th>
<th>Average Life Cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roofing – SUNY Standard</td>
<td>25 years</td>
</tr>
<tr>
<td>Building Exteriors, Doors and Windows</td>
<td>70 years</td>
</tr>
<tr>
<td>Building Exteriors – Walls</td>
<td>30 years</td>
</tr>
<tr>
<td>Elevators and Conveying Systems</td>
<td>25 years</td>
</tr>
<tr>
<td>HVAC – Controls</td>
<td>20 years</td>
</tr>
<tr>
<td>HVAC – Equipment</td>
<td>25 years</td>
</tr>
<tr>
<td>HVAC - Distribution Systems</td>
<td>50 years</td>
</tr>
<tr>
<td>Electrical Equipment</td>
<td>30 years</td>
</tr>
<tr>
<td>Lighting</td>
<td>20 years</td>
</tr>
<tr>
<td>Power Wiring</td>
<td>70 years</td>
</tr>
<tr>
<td>Plumbing Fixtures</td>
<td>25 years</td>
</tr>
<tr>
<td>Plumbing -Rough-in</td>
<td>50 years</td>
</tr>
<tr>
<td>Fire Protection Systems</td>
<td>40 years</td>
</tr>
<tr>
<td>Fire Detection Systems</td>
<td>20 years</td>
</tr>
<tr>
<td>Built-in Specialties and Equipment</td>
<td>25 years</td>
</tr>
<tr>
<td>Interior Finishes</td>
<td>15 years</td>
</tr>
<tr>
<td>Foundations</td>
<td>Lifetime</td>
</tr>
<tr>
<td>Sub-grade Drainage and Waterproofing</td>
<td>As needed</td>
</tr>
<tr>
<td>Vertical Elements</td>
<td>Lifetime</td>
</tr>
<tr>
<td>Horizontal Elements</td>
<td>Lifetime</td>
</tr>
<tr>
<td>Interior Partitions</td>
<td>As needed</td>
</tr>
<tr>
<td>Site Preparation</td>
<td>Lifetime</td>
</tr>
</tbody>
</table>
## Sizing SUNY’s Capital Plan

### Capital Reinvestment Study Results

<table>
<thead>
<tr>
<th></th>
<th>Current Backlog</th>
<th>5 Year Renewal</th>
<th>Projected 5 year Backlog without Further Investment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buildings</td>
<td>$2.5B</td>
<td>$1.7B</td>
<td>$4.2B</td>
</tr>
<tr>
<td>Infrastructure</td>
<td>$.7B</td>
<td>.3B</td>
<td>1.0B</td>
</tr>
<tr>
<td>Total</td>
<td>$3.2B</td>
<td>$2.0B</td>
<td>$5.2B</td>
</tr>
</tbody>
</table>

(1) All amounts expressed in 2007 Dollars
Sizing SUNY’s Capital Plan

Backlog Investment Impacts

Backlog Growth at $200m/yr Investment

Backlog Growth at $400m/yr Investment

Backlog Growth at $560m/yr Investment

Backlog Reduction at $700m/yr Investment
Educational Facilities Capital Plan

Critical Maintenance Projects - $3.635B
Educational Facilities Capital Plan

*Strategic Initiatives*

- Each campus has also identified Strategic Initiative projects through the Mission Review II process and subsequent planning

- Strategic Initiatives are capital projects for new facilities, plant adaptation or critical maintenance which enhance the academic mission of campuses

- SUNY and Fund staff have reviewed and evaluated an estimated $4.8B in campus requests and are recommending approximately $2.5B of Strategic Initiatives
Educational Facilities Capital Plan

Strategic Initiatives - $2.5B

- Academics - Instruction: 49%
- Public Service/Admin/Physical Plant: 15%
- Academics - Support: 9%
- Research & Economic Development: 20%
- Student Life & Services: 15%
- Athletics: 3%
New Five-Year Capital Plan

“Greening of SUNY” Program

The “Greening of SUNY” Program identifies the resources necessary to implement the SUNY Energy Task Force recommendations

Renewable Energy & Sustainability Program(1):

- 37% Energy Consumption $334,500,000
  (Heat Recovery, Electric Meters, Energy Performance Contracting, etc.)
- Increase in Renewable Energy Use 35,300,000
  (Photovoltaics, Fuel Cells, Wind Turbines, Geothermal Heat Pumps)
- Increase in Biofuel Use 3,100,000
  (28 Fueling station sites)
- Combined Heat/Power Projects 149,000,000
  (Sited at Central Power Plants)
- Carbon-sequestering Projects 20,000,000
  (Possible Aquaculture/Biofuel Demos)

Many of these projects will generate a payback currently estimated at $32.8 million per year (17 year payback period)

(1) The “Greening of SUNY” Program has been provided to the Higher Education Commission
SUNY’s self-funded Hospital capital request for 2008-2013 has two funding components:\(^{(1)}\):

<table>
<thead>
<tr>
<th>Hospital Funded Capital Projects:</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Downstate Medical Center</td>
<td>$258,000,000</td>
</tr>
<tr>
<td>Stony Brook Hospital</td>
<td>142,000,000</td>
</tr>
<tr>
<td>Upstate Medical Center</td>
<td>326,500,000</td>
</tr>
<tr>
<td>Total Hospital Funded Capital Projects</td>
<td>$726,500,000</td>
</tr>
</tbody>
</table>

Hospital-wide Lump Sum for evolving strategic needs over the five-year capital plan period 50,000,000

Total Request $776,500,000

\(^{(1)}\) SUNY Hospital Capital Funding is bonded by the State and repaid with hospital revenues
**2008-13 Capital Plan Request**

*Hospital Facilities Capital*

- Hospital Capital is distributed to each hospital based on a multi-year strategic business plan, which includes projects that address both Critical Maintenance and revenue-enhancing initiatives.

- The proposed new five-year SUNY Hospital Capital Plan is based on each hospital’s strategic plan and its ability to pay the debt service on its bond financed projects.
## 2008-13 Capital Plan Request

### SUNY Community College Capital Plan

A task force has recommended the following Capital funding for the 2008-2013 period

<table>
<thead>
<tr>
<th>Bonded Projects</th>
<th>State Share</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Priority</td>
<td></td>
</tr>
<tr>
<td>Local Sponsor Approval received</td>
<td>$55,594,450</td>
</tr>
<tr>
<td>Critical Maintenance, Health/Safety, Emergencies</td>
<td>25,000,000</td>
</tr>
<tr>
<td>“Greening” Community Colleges</td>
<td>50,000,000</td>
</tr>
<tr>
<td>2nd Priority</td>
<td></td>
</tr>
<tr>
<td>High Probability of Sponsor funding</td>
<td>606,165,632</td>
</tr>
<tr>
<td>3rd Priority</td>
<td></td>
</tr>
<tr>
<td>Good Probability of Sponsor Funding</td>
<td>381,622,293</td>
</tr>
<tr>
<td>4th Priority</td>
<td></td>
</tr>
<tr>
<td>Fair Probability of Sponsor Funding</td>
<td>$116,025,999</td>
</tr>
</tbody>
</table>

Total Bonded $1,234,408,374

| Hard Dollar                             |             |
| Technology                              | $20,000,000 |
| Critical Maintenance, Safety, Security  | 30,000,000  |

Total Hard Dollar $50,000,000

Total Request $1,284,408,374

(1) Request submitted under the assumption the 50% local and 50% state share will continue.
Local sponsors must provide at least 50% of the capital funding for a Community College project.

Access to State capital funding in large measure is dependent upon the local sponsor’s willingness and ability to provide funding.

All community college capital projects are planned, designed, bid and constructed under local control and authority, either by the college or the local sponsor.
New Five-Year Capital Plan
SUNY Residence Halls

SUNY’s self-funded Residence Hall capital request for 2008-2013 has two funding components:\(^{(1)}\):

<table>
<thead>
<tr>
<th>Bonded</th>
<th>$ 695,000,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Dollar</td>
<td>123,000,000</td>
</tr>
<tr>
<td><strong>Total Request</strong></td>
<td><strong>$818,000,000</strong></td>
</tr>
</tbody>
</table>

\(^{(1)}\) SUNY Residence Hall Capital Funding is bonded by the State and repaid through dormitory fee revenues
The Residence Hall Capital program is self-sustaining, using revenues from room rents and other associated revenues to pay debt service.

There are residence halls on 26 of the State-operated campuses, containing 70,967 revenue producing beds.

Projects are usually managed by DASNY.

Projects included in the proposed new five-year Residence Hall Capital plan are dependent upon the campuses’ ability to pay debt service.
# 2008-13 Capital Plan Request

## Comparison with Current Plan

**COMPARISON OF 2003-07 CAPITAL PLAN TO PROPOSED 2008-13 CAPITAL PLAN**

($ in 000's)

<table>
<thead>
<tr>
<th>Program</th>
<th>State Appropriation Amounts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Educational Facilities Program</td>
<td>$3,132,000</td>
</tr>
<tr>
<td>Hospital Capital Program</td>
<td>$419,000</td>
</tr>
<tr>
<td>Community College Capital Program (State Share)</td>
<td>$379,000</td>
</tr>
<tr>
<td>Residence Hall Capital Program</td>
<td>$685,000</td>
</tr>
</tbody>
</table>

(1) Educational Facilities amount for 2008/09--2012/13 includes $541.9M for the "Greening of SUNY" Program and $500 million request for the 384 Fund "dry" appropriation, which requires no state funding.