

**University of Delaware  
(90-01-00)**

**Project Summary Chart**

<b>Project Name</b>	<b>STATE CAPITAL FUNDS</b>					
	<b>\$ Prior to FY 1999</b>	<b>FY 1999</b>	<b>FY 2000 Request</b>	<b>FY 2000 Recommended</b>	<b>FY 2001 Request</b>	<b>FY 2002 Request</b>
1. Townsend Hall Renovation		\$ 3,500,000	\$ 4,500,000	\$ 4,000,000	\$ 3,500,000	
2. Carpenter Renovation			3,500,000	3,000,000		
3. Facilities Renewal/Renovation			1,500,000		1,500,000	\$ 1,500,000
4. Minor Capital Improvement/Equipment Information Technology	\$ 750,000 *	1,000,000	1,212,000	1,000,000	750,000	750,000
5. Wolf Hall Renovation			500,000		5,000,000	6,000,000
6. Lewes Shoreline Stabilization			250,000			
7. Delaware Stadium Improvements			300,000			
8. Outdoor Track			400,000			
9. Other Small Projects					1,000,000	1,000,000
10. DuPont Hall Expansion						2,500,000
<b>TOTAL</b>	<b>\$ 750,000</b>	<b>\$ 4,500,000</b>	<b>\$ 12,162,000</b>	<b>\$ 8,000,000</b>	<b>\$ 11,750,000</b>	<b>\$ 11,750,000</b>

\*Due to the on-going basis of these appropriations, only the FY 1998 appropriation is reflected.

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**1. Townsend Hall Renovation**

**PROJECT DESCRIPTION AND JUSTIFICATION**

*Funding is requested for the renewal and renovation of Townsend Hall. The building has numerous deficiencies, such as outdated mechanical, electrical and plumbing systems and insufficient accessibility. The scope of the project also includes enhancement of space available for instruction and research activities.*

Townsend Hall, built in 1950, accommodates the offices and laboratories of the College of Agriculture and Natural Resources. The building has not been renovated since 1967, and its infrastructure is outdated. The project will focus on renovation of all offices and laboratories to meet the expanding needs of the college. Mechanical, electrical, and communications systems will be updated, and handicap accessibility and life safety code issues will be addressed.

**FACILITY DATA:**

Present Facility	Proposed Facility
Location: Townsend Hall	Location: N/A
Tax Parcel #:	Tax Parcel #:
Gross # square feet: 86,000	Gross # square feet: 95,000
Age of building: approx. 48 years	Estimated time needed to complete project: 3 years
Age of additions N/A	Estimated date of occupancy: N/A
Year of last renovations: 1967	Est. life of improvement: N/A
# of positions in facility currently: 235	# of positions in facility when completed: 235

**POSITION REQUEST:**

No new positions specific to this project are requested.

**CAPITAL REQUEST:**

	State Funds		Capital Funds From Other Sources	
	Authorized	and Requested	Federal	Other*
FY 1998	\$	0	\$	600,000
FY 1999		3,500,000	0	100,000
FY 2000		4,500,000	0	150,000
FY 2001		3,500,000	0	150,000
<b>TOTAL</b>	<b>\$</b>	<b>11,500,000</b>	<b>\$</b>	<b>1,000,000</b>

\*The source of funds categorized as "Other" are University and Gift Funds.

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**COST BREAKDOWN:**

	<b>Total Previous Funding</b>		<b>FY 2000</b>		<b>FY 2001</b>		<b>FY 2002</b>
Construction Expenses:							
Planning/Design	\$ 500,000	\$	0	\$	0	\$	0
Architect/Engineering	800,000		300,000		0		0
Demolition/Site Development	250,000		0		0		0
Construction Cost (Cost/sq.ft. \$98*)	4,525,000		4,750,000		0		0
Construction Contingency	425,000		350,000		0		0
 Non-Construction Expenses:							
Technology	0		50,000		0		0
Furniture	0		350,000		0		0
AV Equipment	0		200,000		0		0
<b>TOTAL</b>	<b>\$ 6,500,000</b>	<b>\$</b>	<b>6,000,000</b>	<b>\$</b>	<b>0</b>	<b>\$</b>	<b>0</b>

\* Cost is based on expanded square footage of 95,000

**OPERATING COSTS – COMPLETED FACILITY: N/A**

## 2. Carpenter Renovation

### PROJECT DESCRIPTION AND JUSTIFICATION

*Funding is requested for the renovation of the Carpenter Sports Building. The building has insufficient accessibility, outdated life safety, mechanical, electrical, and plumbing systems, and finishes throughout.*

The Carpenter Sports Building was originally built in 1942 and has had many additions through the years. It is occupied by the Department of Health and Exercise Science and the Division of Intercollegiate Athletics and Recreation Services, and is used by students, faculty, staff, alumni, and the community year-round. The current facility has insufficient accessibility, outdated life safety, mechanical, electrical, and plumbing systems, and finishes throughout. The renovations will improve the infrastructure to meet program needs and current code requirements and update the appearance of the building. Planned renovations include asbestos abatement and improvements to the HVAC, lighting, electrical, emergency power, roofing, security, fire alarm and fire sprinkler systems.

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**FACILITY DATA:**

Present Facility	Proposed Facility
Location: Carpenter Sports Building	Location: N/A
Tax Parcel #:	Tax Parcel #:
Gross # square feet: 167,000	Gross # square feet:
Age of building: approx. 56 years	Estimated time needed to complete project: 3 years
Age of additions Back Gym – 50 years	Estimated date of occupancy: N/A
Pool/Rear Addition – 32 years	
Racquetball Addition – 18 yrs	
Year of last renovations: 1980	Est. life of improvement: N/A
# of positions in facility currently: 89	# of positions in facility when completed: 89

**POSITION REQUEST:**

No new positions specific to this project are requested.

**CAPITAL REQUEST:**

State Funds			Capital Funds From Other Sources		
Authorized and Requested			Federal	Other*	
FY 1998	\$	0	\$	0	1,650,000
FY 1999		0		0	4,500,000
FY 2000		3,500,000		0	4,500,000
FY 2001		0		0	1,000,000
<b>TOTAL</b>	<b>\$</b>	<b>3,500,000</b>	<b>\$</b>	<b>0</b>	<b>11,650,000</b>

\*The source of funds categorized as “Other” are University, Gift and MCI funds.

**COST BREAKDOWN:**

	Total Previous Funding	FY 2000	FY 2001	FY 2002
<b>Construction Expenses:</b>				
Planning/Design	\$ 150,000	\$ 0	\$ 0	\$ 0
Architect/Engineering	1,200,000	100,000	100,000	0
Demolition/Site Development	335,000	0	0	0
Construction Cost (Cost/sq.ft. \$72)	1,800,000	4,800,000	5,340,000	0
Construction Contingency	200,000	450,000	500,000	0
<b>Non-Construction Expenses:</b>				
Furniture	0	0	100,000	0
Other (Moving and Signage)	0	20,000	55,000	0
<b>TOTAL</b>	<b>\$ 3,685,000</b>	<b>\$ 5,370,000</b>	<b>\$ 6,095,000</b>	<b>\$ 0</b>

**OPERATING COSTS – COMPLETED FACILITY: N/A**

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**3. Facilities Renewal/Renovation**

**PROJECT DESCRIPTION AND JUSTIFICATION**

*Funding is requested for building renewal and renovation projects. Fiscal Years 2000 to 2002 request will support renovation of Carpenter Sports Building.*

The scope of this project includes upgrading mechanical systems and reconfiguring space to match increased demand for physical fitness activities.

**FACILITY DATA: N/A**

**POSITION REQUEST:**

No new positions specific to this project are requested.

**CAPITAL REQUEST:**

	State Funds		Capital Funds From Other Sources			
	Authorized and Requested		Federal	Other**		
FY 1997	\$	1,000,000 *	\$	0	\$	1,000,000
FY 1998		1,000,000 *		0		1,000,000
FY 1999		1,000,000 *		0		1,000,000
FY 2000		1,500,000 #		0		1,500,000 #
FY 2001		1,500,000 #		0		1,500,000 #
FY 2002		1,500,000 #		0		1,500,000 #
<b>TOTAL</b>	<b>\$</b>	<b>7,500,000</b>	<b>\$</b>	<b>0</b>	<b>\$</b>	<b>7,500,000</b>

\* FY 97 thru FY 99 funding was appropriated in the operating budget.

# Please note that a request for Facilities Renewal/Renovation funding will be proposed each year with at least a 1-for-1 match of University funds.

\*\*The source of funds categorized as "Other" is University Funds.

**COST BREAKDOWN: N/A**

**OPERATING COSTS – COMPLETED FACILITY: N/A**

**4. Minor Capital Improvements and Equipment**

**PROJECT DESCRIPTION AND JUSTIFICATION**

*Funding is requested for minor capital improvement projects and equipment.*

\$750,000 - Biotechnology and Engineering Infrastructure Programs

Both initiatives, intended to build upon existing strengths and expand into interdisciplinary areas, will need continued infusions of funds. Successful research activities have generated interest and motivation for on-going efforts in soil microbiology, the physical biochemistry of proteins, transgenic manipulation in animals and plants, and investigation of how molecular structures can

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provide information storage. Upgrading of teaching laboratories to incorporate these findings and experiments continue to strain University financial resources. These funds will improve the ability to bring these findings directly to students.

\$462,000 - Information Technology Enhancements in Business

This request is for the second year of funding to provide necessary equipment and software to incorporate the latest computing technology into the business and science curriculums in support of majors such as the new Management Information Systems.

**FACILITY DATA: N/A**

**POSITION REQUEST:**

No new positions specific to this project are requested.

**CAPITAL REQUEST:**

	State Funds		Capital Funds From Other Sources			
	Authorized	Requested	Federal	Other*		
FY 1997	\$	500,000	\$	0	\$	500,000
FY 1998		750,000		0		750,000
FY 1999		1,000,000		0		1,000,000
FY 2000		1,212,000 #		0		1,212,000 #
FY 2001		750,000 #		0		750,000 #
FY 2002		750,000 #		0		750,000 #
<b>TOTAL</b>	<b>\$</b>	<b>4,962,000</b>	<b>\$</b>	<b>0</b>	<b>\$</b>	<b>4,962,000</b>

\*Funds categorized as "Other" are a combination of University, Foundation and Federal Funds.

#A request for MCI/Equipment funding will be proposed each year with at least a 1 for 1 match by the University.

**COST BREAKDOWN: N/A**

**OPERATING COSTS – COMPLETED FACILITY: N/A**

## 5. Wolf Hall Renovation

### PROJECT DESCRIPTION AND JUSTIFICATION

*Funding is requested to undertake architectural and engineering design for the renewal and renovation of Wolf Hall. The building's infrastructure suffers numerous deficiencies. The project would address the need for structural, mechanical, electrical, plumbing, water penetration, life safety, and handicap accessibility updates. Laboratories are also outdated and must be renovated to meet current and future demands for new technology.*

Wolf Hall, built in 1916, is historically and architecturally one of the most significant buildings on the campus mall. The building is approximately 80 years old and currently is used for

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teaching labs, classrooms and an auditorium. The proposed project will completely renovate the building to comply with current codes/standards and provide a more efficient building for the departments of Psychology and Biology. This renovation will consist of upgrading teaching labs and classrooms to incorporate current technology, replacement of mechanical systems, new windows, improved handicap accessibility and upgraded life safety systems.

**FACILITY DATA:**

Present Facility	Proposed Facility
Location: Wolf Hall	Location: N/A
Tax Parcel #:	Tax Parcel #:
Gross # square feet: 104,000	Gross # square feet:
Age of building: approx. 82 years	Estimated time needed to complete project: 3 years
Age of additions N/A	Estimated date of occupancy: N/A
Year of last renovations: N/A	Est. life of improvement: N/A
# of positions in facility currently: 95	# of positions in facility when completed: 95

**POSITION REQUEST:**

No new positions specific to this project are requested.

**CAPITAL REQUEST:**

State Funds		Capital Funds From Other Sources		
Authorized and Requested		Federal		Other**
FY 2000	\$ 500,000	\$	0	\$ 500,000
FY 2001	5,000,000		0	500,000
FY 2002	6,000,000		0	500,000
<b>TOTAL</b>	<b>\$ 11,500,000*</b>	<b>\$</b>	<b>0</b>	<b>\$ 1,500,000</b>

\*\*The source of funds categorized as "Other" are University and Gift Funds for a total of \$2.0 million by 2003.

\* NOTE: Total request for state funds is anticipated to be \$17.5 million over four years.

**COST BREAKDOWN:**

	Total Previous Funding	FY 2000	FY 2001	FY 2002
Construction Expenses:				
Planning/Design	\$ 0	\$ 500,000	\$ 0	\$ 0
Architect/Engineering	0	0	900,000	450,000
Demolition/Site Development	0	0	150,000	0
Construction Cost	0	0	4,100,000	5,500,000
Construction Contingency	0	0	500,000	600,000
* Note: Total construction cost estimate is \$15,000,000				
Non-Construction Expenses:				
Technology	0	0	0	50,000
Other (Moving Costs)	0	0	50,000	50,000
<b>TOTAL</b>	<b>\$ 0</b>	<b>\$ 500,000</b>	<b>\$ 5,700,000</b>	<b>\$ 6,650,000</b>

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**OPERATING COSTS – COMPLETED FACILITY: N/A**

**6. Lewes Shoreline Stabilization**

**PROJECT DESCRIPTION AND JUSTIFICATION**

*Funding is requested to stabilize shoreline from further erosion at University facilities on the Lewes/Rehoboth Canal and the Broadkill River.*

Stabilization of approximately 200 feet of shoreline on the Lewes/Rehoboth Canal, east of the University's Marine Operations Facility, is needed to prevent further loss from erosion. The same conditions exist along 150 feet of shoreline on the Broadkill River, where the University's Pollution Ecology and Shellfish Labs are located. Stabilization would involve excavating, laying filter cloth, and covering the areas with rip-rap.

**FACILITY DATA: N/A**

**POSITION REQUEST:**

No new positions specific to this project are requested.

**CAPITAL REQUEST:**

	State Funds		Capital Funds From Other Sources			
	Authorized and Requested		Federal	Other*		
FY 2000	\$	250,000	\$	0	\$	75,000
<b>TOTAL</b>	<b>\$</b>	<b>250,000</b>	<b>\$</b>	<b>0</b>	<b>\$</b>	<b>75,000</b>

\*The source of funds categorized as "Other" is University Funds.

**COST BREAKDOWN: N/A**

**OPERATING COSTS – COMPLETED FACILITY: N/A**

**7. Delaware Stadium Improvements**

**PROJECT DESCRIPTION AND JUSTIFICATION**

*Funding is requested for improvements to Delaware Stadium.*

This project would replace the south grandstand with a new aluminum grandstand, providing appropriate access to meet current code.

**FACILITY DATA: N/A**

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**POSITION REQUEST:**

No new positions specific to this project are requested.

**CAPITAL REQUEST:**

	State Funds		Capital Funds From Other Sources		
	Authorized and Requested		Federal	Other*	
FY 2000	\$	300,000	\$	0	\$ 200,000
FY 2001		0		0	200,000
<b>TOTAL</b>	<b>\$</b>	<b>300,000</b>	<b>\$</b>	<b>0</b>	<b>\$ 400,000</b>

\*The source of funds categorized as "Other" is University Funds.

**COST BREAKDOWN: N/A**

**OPERATING COSTS – COMPLETED FACILITY: N/A**

**8. Outdoor Track**

**PROJECT DESCRIPTION AND JUSTIFICATION**

*Funding is requested to install a new outdoor track, which meets NCAA specifications. Improvements to drainage systems for the track and infield are included in the scope of the project.*

**FACILITY DATA: N/A**

**POSITION REQUEST:**

No new positions specific to this project are requested.

**CAPITAL REQUEST:**

	State Funds		Capital Funds From Other Sources		
	Authorized and Requested		Federal	Other*	
FY 2000	\$	400,000	\$	0	\$ 450,000
<b>TOTAL</b>	<b>\$</b>	<b>400,000</b>	<b>\$</b>	<b>0</b>	<b>\$ 450,000</b>

\*The source of funds categorized as "Other" is University Funds.

**COST BREAKDOWN: N/A**

**OPERATING COSTS – COMPLETED FACILITY: N/A**

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**FISCAL YEAR 2001**

**1. Townsend Hall Renovation** **\$3,500,000**

*See FY 2000 Project Descriptions*

**2. Facilities Renewal/Renovation** **\$1,500,000**

*See FY 2000 Project Descriptions*

**3. Minor Capital Improvements and Equipment  
/Information Technology Equipment** **\$ 750,000**

*See FY 2000 Project Descriptions*

**4. Wolf Hall Renovation** **\$5,000,000**

*See FY 2000 Project Descriptions*

**5. Other Small Projects**

**PROJECT DESCRIPTION AND JUSTIFICATION**

*Funding will be requested for other small projects similar to the FY 2000 requests for Delaware Stadium Improvements and Outdoor Track.*

**FACILITY DATA: N/A**

**POSITION REQUEST:**

No new positions specific to this project are requested.

**CAPITAL REQUEST:**

	State Funds		Capital Funds From Other Sources			
	Authorized and Requested		Federal	Other*		
FY 2001	\$	1,000,000	\$	0	\$	1,000,000
FY 2002		1,000,000		0		1,000,000
<b>TOTAL</b>	<b>\$</b>	<b>2,000,000</b>	<b>\$</b>	<b>0</b>	<b>\$</b>	<b>2,000,000</b>

\*The source of funds categorized as "Other" is University Funds.

**COST BREAKDOWN: N/A**

**OPERATING COSTS – COMPLETED FACILITY: N/A**

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**FISCAL YEAR 2002**

**1. Facilities Renewal/Renovation** **\$1,500,000**

*See FY 2000 Project Descriptions*

**2. Minor Capital Improvements and Equipment**  
**/Information Technology Equipment** **\$ 750,000**

*See FY 2000 Project Descriptions*

**3. Wolf Hall Renovation** **\$6,000,000**

*See FY 2000 Project Descriptions*

**4. Other Small Projects** **\$1,000,000**

*See FY 2000 Project Descriptions*

**5. DuPont Hall Expansion**

**PROJECT DESCRIPTION AND JUSTIFICATION**

*Funding is requested to construct an addition of 60,500 gross square feet to DuPont Hall. Design plans include new faculty and student offices, engineering laboratories and clean rooms.*

The College of Engineering is growing rapidly and facilities need to be expanded to accommodate teaching and research operations for faculty, students, and administrators. The building will house the departments of Materials Science, Electrical and Computer Engineering, Civil Engineering, and the Office of the Dean of Engineering. The interior will feature technologically advanced facilities for undergraduate and graduate students. Sophisticated laboratory equipment and systems will allow students and faculty to perform state-of-the-art research. The building will be fully accessible and meet all ADA requirements.

**FACILITY DATA:**

Present Facility	Proposed Facility
Location: DuPont Hall	Location: East side of Mall fronting the existing facility
Tax Parcel #:	Tax Parcel #:
Gross # square feet: 70,400	Gross # square feet: 60,500
Age of building: approx. 41 years	Estimated time needed to complete project: 3 years
Age of additions N/A	Estimated date of occupancy: FY 2003
Year of last renovations: 1998	Est. life of improvement: N/A
# of positions in facility currently: 234	# of positions in facility when completed: 294

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**POSITION REQUEST:**

No new positions specific to this project are requested.

**CAPITAL REQUEST:**

	State Funds		Capital Funds From Other Sources			
	Authorized and Requested		Federal	Other*		
FY 1999	\$	0	\$	0	\$	7,000,000
FY 2000		0		0		2,000,000
FY 2001		0		0		2,000,000
FY 2002		2,500,000		0		2,000,000
<b>TOTAL</b>	<b>\$</b>	<b>2,500,000**</b>	<b>\$</b>	<b>0</b>	<b>\$</b>	<b>13,000,000</b>

\*The source of funds categorized as "Other" are University and Gift Funds.

\*\*Total request for state funds is anticipated to be \$5 million over two years.

**COST BREAKDOWN:**

	Total					
	Previous					
	Funding		FY 2000	FY 2001	FY 2002	
Construction Expenses:						
Planning/Design	\$	500,000	\$	0	\$	0
Architect/Engineering		0		1,500,000		100,000
Demolition/Site Development		0		250,000		0
Construction Cost						
(Cost/sq.ft. \$120)		0		1,500,000		11,000,000
Construction Contingency		0		100,000		1,000,000
Construction Contingency						350,000
* Cost is based on expanded square footage of 130,900						
Non-Construction Expenses:						
Furniture		0		0		300,000
Other (Moving, Signage and Landscaping)		0		50,000		0
<b>TOTAL</b>	<b>\$</b>	<b>500,000</b>	<b>\$</b>	<b>3,400,000</b>	<b>\$</b>	<b>12,100,000</b>
						<b>\$ 4,000,000</b>

**OPERATING COSTS – COMPLETED FACILITY: N/A**