

ED # 1
February 23, 2009

MEMORANDUM

February 18, 2009

TO: Education Committee
FROM: *CHS*
Charles H. Sherer, Legislative Analyst
SUBJECT: FY10 capital budget and amendments to the Approved FY09-14 Capital Improvements Program for Montgomery College

Introduction FY10 is the so-called “off year” for the six-year Capital Improvements Program, which means that the agencies do not request “...a comprehensive six-year program for capital improvements”, so neither the Executive nor the Council reviews all projects in the CIP. Instead, limited amendments are requested and considered to reflect “significant” cost changes, and/or changes in scope.

The College requested five amendments to the approved FY09-14 capital improvements program. Background on each project follows the discussion of the amendments.

Bioscience Education Center (Germantown) This project includes a new access road. The approved program showed \$9.5 million for planning and design costs only, because design had not been completed, so there was insufficient information to estimate construction costs (©2).

The amendment (©5) shows the estimated total cost of the project, which consists of costs for construction of the Center and the road, and furniture, fixtures, and equipment, in addition to planning and design. The College’s cost estimate on January 5, 2009 was \$91.2 million.

Revised cost estimate On February 17, College staff explained that “During the September 2008 state review of the FY10 State Bond Bill submittal, Maryland Department of Budget and Management requested that the cost estimate be updated. The College agreed and has recently completed this update based on the Design Development phase cost estimate completed in January 2009. This has resulted in a lower construction cost for the Bioscience Education Center.

Montgomery College will work with OMB to update the project description form to reflect this change.”

The revised cost estimate is now \$82.5 million (©5A), a decrease of \$8.7 million from the previous cost estimate of \$91.2 million. Of the \$82.5 million revised total cost, \$36.5 million is assumed to be funded by the State. Of the \$82.5 million total cost, \$76.4 million is for the Center and \$6.1 million is for the access road. Both the Center and the road are eligible for State aid. The Council’s transportation analyst is working with College staff and Planning Board staff to determine the best alignment for the road. There may be a need for a joint discussion with the T&E Committee regarding the alignment of the road. **This Committee should defer its recommendation on the project until Council staff is prepared to make a recommendation on the road.**

The Executive recommends approval of the College’s request, contingent on State aid (©4).

Health Sciences Expansion (Takoma Park) The College requests an increase of \$336,000/6.1%, from \$5.553 million to \$5.889 million, to reflect “increasing costs in the current construction market” for FY10. The Executive recommends not approving the increase. Council staff agrees with the Executive, and notes that construction costs may stay the same or go down, not up, given the lack of demand for projects in the construction market.

The College agrees to keep the costs the same as in the approved FY09-14 CIP.

Planning, Design, and Construction This project funds 15 full time positions in the Facilities Office. The College requests an increase of \$64,000/4.5% in the annual cost, from \$1.413 million to \$1.477 million, to provide annual compensation increases. The Executive recommends not approving any increase. Council staff recommends approving the same compensation change for these staff as the Council approves for other College employees, which could provide a decrease, no change, or a small increase.

For purposes of CIP tracking, Council staff recommends assuming no increase for now, the same as the Executive.

Rockville Science Center The College requests a modest increase of \$350,000/0.5%, from \$73.574 million to \$73.924 million, funded half County and half State. The increase is in the FY11 cost of furniture, fixtures, and equipment. The Executive recommends approval. Council staff agrees.

Roof Replacement The College adjusted their roof replacement schedule and reduced the six-year cost by \$400,000, from \$2.250 million to \$1.850 million. The Executive recommends approval of the cost decrease, and Council has no reason to disagree.

BACKGROUND ON THE ABOVE PROJECTS

Bioscience Education Center The College first requested this project in the **FY03-08 Capital Improvements Program** under the name Germantown Biotech Center. The staff memorandum stated that “This is a new project to design and build a 73,000 square foot center for biotechnology, chemistry, and biology departments at the Germantown campus, with design in FY05-06 and construction in FY07-08 at a cost of \$26.955 million. This project could help support the Germantown Business Park, by offering courses for employees at the Park. The firms at the Park could conceivably provide opportunities for College students to get employment and research experience. The College understands that the County is considering 3 other sites for a Business Park and requests this Center even if the Business Park is not built at the Germantown Campus.”

The Executive stated his support in principle but recommended deleting it until further planning had been done, in collaboration with the Department of Economic Development. The College agreed, and the Council deleted the project.

FY05-10 The College requested a 128,000 square foot building, up 55,000 square feet/75% from the 73,000 square foot building requested previously. Design was proposed in FY06-07 and construction in FY08-09. The total cost increased \$25.210 million, or 94%, from \$26.955 four years ago, to \$52.165 million. Planning was described on the PDF as “Pending - 2004.” Funding was proposed to be 41.5% County, 41.5% State, and 17.0% Contributions. The Contributions would come from revenue the College anticipates from leasing the land in the Business Park. This amount, \$8.831 million, would, or might, have to be advance-funded with County bonds.

The large requested increases in size and cost validate the policy that a project should not be requested until sufficient planning has been done to determine the scope, size, and cost of the project.

In support of this project, the College noted that this campus will have an instructional space deficit by 2012 of 69,000 square feet at Germantown, based on projected enrollment growth and State space guidelines, and that this Center will contribute to meeting the deficit. The College stated that the existing instructional space is too small and outdated.

The Executive repeated his “support in principle given its significant academic and economic benefits.” He recommended showing only \$500,000 in FY06 “...to indicate County support of this project and leverage State aid.” He recommended considering the remaining \$51.665 million after the preliminary planning was completed.

The Committee recommended approval of the College’s request and the Council agreed. To reconcile the CIP in May 2004, the Council delayed the project one year, with design in FY07-08 and construction in FY09-11.

FY07-12 CIP The College requested an increase of \$11.635 million/22.3%, from \$52.165 million two years ago to \$63.800 million. Compared to the schedule in FY05-10, the proposed schedule was the same for design (in FY07-08), but construction was shown in only two years, FY09-10 rather than in three years, FY09-11. **The Council approved the increased cost but for fiscal reasons spread construction over three years, FY09-11.**

Amendment to FY07-12 CIP, January 2007

1. The College requested an increase of \$12.478 million/20%, from \$63.800 million to \$76.278 million and the Executive agreed with the cost increase. The increase reflected increased construction costs the State approved for the College's projects.
2. The Approved FY07-12 CIP showed completion in FY11. The College requested completion in FY10, but the Executive recommended completion in FY11 for fiscal reasons, in both his January and March recommendation. In his March recommendation, he also shifted some spending from FY08-10 into FY11.

Council action in May 2007 The Council approved the cost increase, with completion in FY11.

FY09-14 request Design in FY09, construction in FY10, and some furniture & equipment costs in FY11. The cost has increased by \$11.394 million, or 14.9%, from \$76.278 million to \$87.672 million, which the College attributes to FY09 State bond bill escalation and also to the merging of the Germantown Access Road project into this project. The cost of the access road in FY07-12 was \$5.830 million. The College now estimates that the cost of the access road will be \$7.380 million, an increase of \$1.550 million, or 26.6%.

FY09-14 Executive recommendation

1. Approve the total cost as the College requested, including the Germantown Access Road.
2. Design the road in FY09 using County bonds only and construct it in FY10 using both County bonds and State aid.
3. Design the building in FY12 and build it in FY13-15.

The rationale for the Executive's recommendation to delay the building is "because State Aid funding and availability is not clearly defined and for fiscal reasons."

Council action on March 11, 2008

1. Approve the College's request for design in FY09 but not for construction in FY10.
2. Use County funds for all design costs, no State aid for design.
3. Show estimated total cost in the narrative, do not show construction costs in the expenditure schedule.
4. Assume the State will fund its share of eligible construction costs for major projects, and do not fund construction until the State approves its share for eligible projects.

Health Sciences Expansion/WDCE Renovation (Workforce Development and Continuing Education)

This is a new project in FY09-14 to renovate part of the second floor of the Cafritz Arts Center and then to move WDCE from the Health Sciences Center. The renovated space will have office space, classrooms, and a computer lab. After this move, the various health sciences will have more space for their programs. The College notes that they had to turn away 150 students in the fall of 2007 who wanted to enroll in the nursing program because of lack of space.

Total cost is \$5.553 million, all County bonds. Design is in FY09 and construction in FY10.

FY09-14 Executive recommendation Since design has not even started, there is insufficient basis for the total cost estimate. Approve design funds only in FY09 as the College requested. Show the \$4.803 million construction costs beyond six years.

Council action on March 11, 2008 Approve the College's request, because of the importance of this project in increasing capacity for the nursing program.

ROCKVILLE SCIENCE CENTER For FY03-08, the College requested a new 71,000 square feet project for the Chemistry and Biology departments, to be designed in FY05-06 and built in FY07-08, at a cost of \$25.279 million. However, the College had not completed facility planning. The Committee recommended and the Council agreed to show spending in the six years on the schedule the College requested but at a cost of \$19.124 million, which was lower than the College's request for \$25.279 million. The Council approved the following text to be added to the PDF: "The cost shown is a "placeholder" which is the sum of the costs of renovating the Science East and Science West buildings on the Rockville Campus. The College's preliminary estimate is \$25.279 million, but this cost was not based on facility planning. The cost may be revised after the College completes the necessary facility planning."

FY05-10 The College doubled the cost and almost doubled the size. Their request for FY05-10 was \$50.780 million, up \$25.501 million/100% from two years ago, and the size is now 135,000 square feet, up 64,000 square feet/90%. (Another validation of the need for planning.) Design was in FY06-07 and construction in FY08-09.

Executive's recommendation for FY05-10 The Executive repeated his "support in principle given the significant laboratory space deficit on the Rockville Campus." He recommended continuing to show the approved cost of \$19.124 million "...to indicate County support of this project and leverage State aid." He recommended considering the remaining cost, \$31.656 million, after the preliminary planning is completed.

The Committee recommended approval of the College's request and the Council agreed.

FY07-12 request The total cost increased \$8.420 million, or 16.6%, to \$59.2 million, reflecting market construction cost increases and a slight increase in size, from 135,000 square feet to 142,900 square feet. Design is still shown in FY06-07 and construction in FY08-09.

This new building will house the chemistry, biology, and physics departments which are currently in the Science East and Science West buildings. The science departments currently in these two buildings will move into the new Science Center when it is completed and these two buildings will then be renovated, see below. **The Executive recommended approval and the Council agreed.**

Amendment to FY07-12 CIP, May 2007 The College requested an increase of \$10.806 million/18%, from \$59.200 million to \$70.006 million and the Executive agreed. The increase

reflected increased construction costs the State approved for the College's projects. The State did not approve the College's requested FY08 funding. As a result, the College suggested shifting the project one year later, and the Council agreed. Completion is shown in FY10.

FY09-14 request The total cost increased \$3.568 million, or 5.1%, to \$73.574 million, reflecting FY09 State bond bill escalation. All construction is in FY09, with some furniture & equipment costs in FY10. This is the College's first priority for State funding of its 50% share.

Executive's recommendation for FY09-14 Approve as requested. **The Council agreed.**

At this time, I propose that our tax-supported current revenue funding assumptions remain unchanged except for a \$3.5 million reduction in FY10 to reflect a shift in expenditures from six elementary school addition projects that will be delayed due to scope changes. The amended CIP will provide for additional classrooms at those six schools.

Children Prepared to Live and Learn

These recommendations demonstrate my commitment to quality education by supporting funding for Montgomery County Public Schools (MCPS), Montgomery College, and other MCPS-based initiatives as follows.

→ **Montgomery College**

I recommend that we continue our investment in expanded Montgomery College facilities to serve the growing student population. Consequently, I support the College's request for \$81.6 million in construction funding of the new Bioscience Education Center, including the required access road, at the Germantown campus. My recommendation assumes equal participation, or \$40.8 million in State Aid. For fiscal reasons, I have deferred a small portion of the local funding requested (\$3 million) to a subsequent year; however, this should not delay the project implementation plan. It is my recommendation that the County's local funding match and appropriation be contingent on the availability of State Aid funding. As always, we will continue to work with our State Delegation to assure the State's participation.

Funding has been provided as requested for cost adjustments to the Rockville Science Center and Roof Replacement Projects. However, I recommend that we maintain the approved level of effort for the Planning, Design, and Construction Project and defer adding equipment cost escalation to the Health Sciences Expansion project.

Montgomery County Public Schools (MCPS)

The Board of Education has requested an increase over FY10-14 of \$15.6 million. My recommendations support the MCPS' entire request except for \$0.5 million specified for a new Water Quality Compliance study. I support compliance with the new stormwater management requirements promulgated by the State, but recommend deferring this project until the scope of work and cost estimates are more clearly defined. The amended CIP will provide for additional classrooms at Brookhaven Elementary School, Fairland Elementary School, Harmony Hills Elementary School, Jackson Road Elementary School, Montgomery Knolls Elementary School, and Rock View Elementary School due to projected increased enrollment, as well as, HVAC replacement at certain facilities.

FY09-14
Bioscience Education Center -- No. 056603

Category Montgomery College
 Subcategory Higher Education
 Administering Agency Montgomery College
 Planning Area Germantown

Date Last Modified June 30, 2008
 Required Adequate Public Facility No
 Relocation Impact None
 Status On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	9,546	3,158	242	6,146	6,146	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	9,546	3,158	242	6,146	6,146	0	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	7,788	1,521	121	6,146	6,146	0	0	0	0	0	0
State Aid	1,700	1,579	121	0	0	0	0	0	0	0	0
PAYGO	58	58	0	0	0	0	0	0	0	0	0
Total	9,546	3,158	242	6,146	6,146	0	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				1,364	0	0	0	0	682	682
Energy				768	0	0	0	0	384	384
Program-Staff				140	0	0	0	0	70	70
Net Impact				2,272	0	0	0	0	1,136	1,136
WorkYears					0.0	0.0	0.0	0.0	18.0	18.0

DESCRIPTION

This project provides funds for the design and construction of a new biotechnology and science building (approx. 126,900 gsf) on the Germantown Campus to support Campus space needs and provide for up-to-date biotechnology and science laboratories in a modern facility that complies with current requirements. This new building is part of an overall plan to provide a Campus instructional focus on the biotechnology industry. The College is working with the County to develop an adjacent biotech business park on the Germantown Campus as part of the up-County biotechnology corridor. This new building and the biotechnology program is part of an overall strategy to supply a biotechnology workforce for Montgomery County and the State of Maryland. In addition to housing the biology, chemistry and biotechnology programs, this new building will have a meeting center providing the College and outside groups with opportunities to gather in support of scientific education.

***Note: The Germantown Access Road, Project #076611, has been added to the scope of this project. This project will also fund the design and construction of a new access road on the Germantown Campus providing an additional means of egress as student enrollment continues to grow. The primary gateway and only existing entrance to the campus is located on MD 118. There is a need for an additional entrance to provide improved access to the campus and to better address emergency situations that may necessitate a campus evacuation. The Germantown Access Road potentially will change from a two lane road to a four lane road to accommodate the additional traffic generated by the Germantown business park.

COST CHANGE

The cost of this project has increased due to the addition of the Germantown Access Road project, and FY09 Bond Bill cost escalations. The state has recognized the increasing costs of the current construction market and is using the following escalation factors: 5% in FY2009, and 5% thereafter. These cost escalations have been incorporated into the project.

JUSTIFICATION

Under the application of the State space guidelines, the enrollment growth on the Germantown Campus has resulted in a significant instructional space deficit. The Germantown Campus has a 2016 projected instructional space deficit of 64,462 NASF and a total space deficit anticipated to be 147,580 NASF. In addition, the Campus' chemistry and biology classrooms and labs are currently located in outdated facilities. The new building will provide a modern facility for up-to-date biotechnology instruction along with providing much needed additional space.

The Germantown Campus accommodates 5,529 students and 480 full-time, and part-time faculty and staff (Fall 2006). With continued student

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation FY05 (\$000)	Facility Planning: College (CIP#886686) Energy Conservation: College (CIP#816611)	See Map on Next Page
First Cost Estimate FY09 9,546		
Current Scope		
Last FY's Cost Estimate 76,278		
Appropriation Request FY09 6,146		
Appropriation Request Est. FY10 0		
Supplemental Appropriation Request		
Transfer		
Cumulative Appropriation 3,400		
Expenditures / Encumbrances 3,158		
Unencumbered Balance 242		
Partial Closeout Thru FY06 0		
New Partial Closeout FY07 0		
Total Partial Closeout 0		

②

Bioscience Education Center -- No. 056603 (continued)

FY09-14

enrollment growth, there is a need to provide the campus with an additional access point to accommodate traffic. In accordance with the College's Facilities Master Plan, there are several potential locations for providing additional access to the Campus. An additional entrance road will also serve to provide better campus egress during emergency situations that may require a campus evacuation.

The Collegewide Facilities Master Plan (1/04), the Germantown Bioscience Education Center Facility Program (5/04), and the Collegewide Facilities Condition Assessment (11/06).

OTHER

FY09 Appropriation: \$6,146,000(G.O. Bonds).

FY10 Total Appropriation: \$0.

FY11 Total Appropriation: \$0.

Note: FY10 Design(Construction Administration Services), Construction, and Other (Furniture, Fixtures, and Equipment) are currently estimated at \$600,000, \$69.3 million, and \$8.2 million respectively pending final design.

State share of project based on anticipated eligible costs. Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement.

FISCAL NOTE

The FY09 request reflects Phase II of a two-phase design funding sequence to better match the state's desired funding cycle.

OTHER DISCLOSURES

- Montgomery College asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

FY10

EXECUTIVE RECOMMENDATION

Bioscience Education Center - No. 056603

Category: Montgomery College
 Agency: Montgomery College
 Planning Area: Germantown
 Relocation Impact: None

Date Last Modified: January 9, 2009
 Required Adequate Public Facility: No

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru		Rem. 6 Year		Beyond					
		FY08	FY08	FY08	Total	FY09	FY10	FY11	FY12	FY13	FY14
Planning, Design and Supervision	10,174	3,269	131	6,774	6,146	252	376	0	0	0	0
Construction	72,424	0	0	72,424	0	28,970	37,454	6,000	0	0	0
Other	8,590	0	0	8,590	0	0	0	2,590	6,000	0	0
Total	91,188	3,269	131	87,788	6,146	29,222	37,830	8,590	6,000	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	47,976	944	65	46,967	6,146	14,611	18,915	4,295	3,000	0	0
Contributions	0	0	0	0	0	0	0	0	0	0	0
PAYGO	691	691	0	0	0	0	0	0	0	0	0
State Aid	42,521	1,634	66	40,821	0	14,611	18,915	4,295	3,000	0	0

COMPARISON (\$000)

	Total	Thru		Rem. 6 Year		Beyond					Approp. Request	
		FY08	FY08	FY08	Total	FY09	FY10	FY11	FY12	FY13		FY14
Current Approved	9,546	3,158	242	6,146	6,146	0	0	0	0	0	0	0
Agency Request	91,188	3,269	131	87,788	6,146	29,222	43,830	8,590	0	0	0	73,052
Recommended	91,188	3,269	131	87,788	6,146	29,222	37,830	8,590	6,000	0	0	73,052
CHANGE				TOTAL	%	6-YEAR	%			APPROP.		
Agency Request vs Approved				81,642	855.2%	81,642	1,328.4%			73,052		0.0%
Recommended vs Approved				81,642	855.2%	81,642	1,328.4%			73,052		0.0%
Recommended vs Request				0	0.0%	0	0.0%			0		0.0%

Recommendation

APPROVE WITH MODIFICATIONS

Comments

The Executive recommends funding the requested increase for construction; including the FY10 installation of a second Germantown campus access road to support present campus growth and the new facility, and for the instructional furniture, fixtures, and equipment necessary to outfit the interior.

The FY10 appropriation recommendation is \$36,526,000 (G.O. Bonds) and \$35,526,000 (State Aid). The County contribution and appropriation is contingent on the availability of State Aid funding. Six million (G.O. Bonds \$3 million; State Aid \$3 million) has been shifted to FY13 for fiscal capacity. ✓

FY10, old

Bioscience Education Center -- No. 056603

Category Montgomery College
 Subcategory Higher Education
 Administering Agency Montgomery College
 Planning Area Germantown

Date Last Modified
 Required Adequate Public Facility
 Relocation Impact
 Status

January 05, 2009
 No
 None.
 On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	10,174	3,269	131	6,774	6,146	252	376	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	72,424	0	0	72,424	0	28,970	43,454	0	0	0	0
Other	8,590	0	0	8,590	0	0	0	8,590	0	0	0
Total	91,188	3,269	131	87,788	6,146	29,222	43,830	8,590	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	47,976	944	65	46,967	6,146	14,611	21,915	4,295	0	0	0
PAYGO	691	691	0	0	0	0	0	0	0	0	0
State Aid	42,521	1,634	66	40,821	0	14,611	21,915	4,295	0	0	0
Total	91,188	3,269	131	87,788	6,146	29,222	43,830	8,590	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				3,321	0	0	0	1,107	1,107	1,107
Energy				1,524	0	0	0	508	508	508
Net Impact				4,845	0	0	0	1,615	1,615	1,615
WorkYears					0.0	0.0	0.0	20.0	20.0	20.0

DESCRIPTION

This project provides funds for the design and construction of a new biotechnology and science building (approx. 126,900 gsf) on the Germantown Campus to support Campus space needs and provide for up-to-date biotechnology and science laboratories in a modern facility that complies with current requirements. This new building is part of an overall plan to provide a Campus instructional focus on the biotechnology industry. The College is working with the County to develop an adjacent biotech business park on the Germantown Campus as part of the up-County biotechnology corridor. This new building and the biotechnology program is part of an overall strategy to supply a biotechnology workforce for Montgomery County and the State of Maryland. In addition to housing the biology, chemistry and biotechnology programs, this new building will have a meeting center providing the College and outside groups with opportunities to gather in support of scientific education.

***Note: The Germantown Access Road, Project #076611, has been added to the scope of this project. This project will also fund the design and construction of a new access road on the Germantown Campus providing an additional means of egress as student enrollment continues to grow. The primary gateway and only existing entrance to the campus is located on MD 118. There is a need for an additional entrance to provide improved access to the campus and to better address emergency situations that may necessitate a campus evacuation. The Germantown Access Road potentially will change from a two lane road to a four lane road to accommodate the additional traffic generated by the Germantown business park.

COST CHANGE

The cost of this project has increased due to the addition of the Germantown Access Road project, and FY2010 Bond Bill cost escalations. The state has recognized the increasing costs of the current construction market and is using the following escalation factors: 4.5% in FY2010, and 4.5% thereafter. These cost escalations have been incorporated into the project.

JUSTIFICATION

Under the application of the State space guidelines, the enrollment growth on the Germantown Campus has resulted in a significant instructional space deficit. The Germantown Campus has a 2017 projected instructional space deficit of 68,674 NASF and a total space deficit anticipated to be 149,944 NASF. In addition, the Campus' chemistry and biology classrooms and labs are currently located in outdated facilities. The new building will provide a modern facility for up to date biotechnology instruction along with providing much needed additional space.

The Germantown Campus accommodates 5,744 students and 405 full time, and part time faculty and staff (Fall 2007). With continued student enrollment growth, there is a need to provide the campus with an additional access point to accommodate traffic. In accordance with the College's Facilities Master Plan, there are several potential locations for providing additional access to the Campus. An additional entrance road will also serve to provide better campus egress during emergency situations that may require a campus evacuation.

The Collegewide Facilities Master Plan Update (Pending 11/08), the Germantown Bioscience Education Center Facility Program (5/04), and the Collegewide Facilities Condition Assessment Update (11/07), Bioscience Education Center Program Verification Report, (9/07).

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation	Facility Planning: College (CIP #886686)	See Map on Next Page
First Cost Estimate	Energy Conservation: College (CIP #816611)	
Current Scope		
Last FY's Cost Estimate		
Appropriation Request		
Supplemental Appropriation Request		
Transfer		
Cumulative Appropriation		
Expenditures / Encumbrances		
Unencumbered Balance		
Partial Closeout Thru		
New Partial Closeout		
Total Partial Closeout		

Agency Request



FY 10 revised

Bioscience Education Center -- No. 056603

Category
Subcategory
Administering Agency
Planning Area

Montgomery College
Higher Education
Montgomery College
Germantown

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

February 17, 2009
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	10,174	3,269	131	6,774	6,146	252	376	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	63,698	0	0	63,698	0	28,970	34,728	0	0	0	0
Other	8,590	0	0	8,590	0	0	0	8,590	0	0	0
Total	82,462	3,269	131	79,062	6,146	29,222	35,104	8,590	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	43,613	944	65	42,604	6,146	14,611	17,552	4,295	0	0	0
PAYGO	691	691	0	0	0	0	0	0	0	0	0
State Aid	38,158	1,634	66	36,458	0	14,611	17,552	4,295	0	0	0
Total	82,462	3,269	131	79,062	6,146	29,222	35,104	8,590	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				3,321	0	0	0	1,107	1,107	1,107
Energy				1,524	0	0	0	508	508	508
Net Impact				4,845	0	0	0	1,615	1,615	1,615
WorkYears					0.0	0.0	0.0	20.0	20.0	20.0

DESCRIPTION

This project provides funds for the design and construction of a new biotechnology and science building (approx. 126,900 gsf) on the Germantown Campus to support Campus space needs and provide for up-to-date biotechnology and science laboratories in a modern facility that complies with current requirements. This new building is part of an overall plan to provide a Campus instructional focus on the biotechnology industry. The College is working with the County to develop an adjacent biotech business park on the Germantown Campus as part of the up-County biotechnology corridor. This new building and the biotechnology program is part of an overall strategy to supply a biotechnology workforce for Montgomery County and the State of Maryland. In addition to housing the biology, chemistry and biotechnology programs, this new building will have a meeting center providing the College and outside groups with opportunities to gather in support of scientific education.

***Note: The Germantown Access Road, Project #076611, has been added to the scope of this project. This project will also fund the design and construction of a new access road on the Germantown Campus providing an additional means of egress as student enrollment continues to grow. The primary gateway and only existing entrance to the campus is located on MD 118. There is a need for an additional entrance to provide improved access to the campus and to better address emergency situations that may necessitate a campus evacuation. The Germantown Access Road potentially will change from a two lane road to a four lane road to accommodate the additional traffic generated by the Germantown business park.

COST CHANGE

The cost of this project has increased due to the addition of the Germantown Access Road project, and FY2010 Bond Bill cost escalations. The state has recognized the increasing costs of the current construction market and is using the following escalation factors: 4.5% in FY2010, and 4.5% thereafter. These cost escalations have been incorporated into the project.

JUSTIFICATION

Under the application of the State space guidelines, the enrollment growth on the Germantown Campus has resulted in a significant instructional space deficit. The Germantown Campus has a 2017 projected instructional space deficit of 68,674 NASF and a total space deficit anticipated to be 149,944 NASF. In addition, the Campus' chemistry and biology classrooms and labs are currently located in outdated facilities. The new building will provide a modern facility for up to date biotechnology instruction along with providing much needed additional space.

The Germantown Campus accommodates 5,744 students and 405 full time, and part time faculty and staff (Fall 2007). With continued student enrollment growth, there is a need to provide the campus with an additional access point to accommodate traffic. In accordance with the College's Facilities Master Plan, there are several potential locations for providing additional access to the Campus. An additional entrance road will also serve to provide better campus egress during emergency situations that may require a campus evacuation.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation	Facility Planning: College (CIP#886686)	See Map on Next Page
First Cost Estimate	Energy Conservation: College (CIP#816611)	
Current Scope		
Last FY's Cost Estimate		
Appropriation Request		
Supplemental Appropriation Request		
Transfer		
Cumulative Appropriation		
Expenditures / Encumbrances		
Unencumbered Balance		
Partial Closeout Thru		
New Partial Closeout		
Total Partial Closeout		

SA

Bioscience Education Center -- No. 056603 (continued)

The Collegewide Facilities Master Plan Update (Pending 11/08), the Germantown Bioscience Education Center Facility Program (5/04), and the Collegewide Facilities Condition Assessment Update (11/07), Bioscience Education Center Program Verification Report, (9/07).

OTHER

FY09 Appropriation: \$6,146,000(G.O. Bonds).

FY2010 Total Appropriation: \$32,163,000(G.O.Bonds); \$32,163,000(State Aid).

FY11 Total Appropriation: \$0.

State share of project based on anticipated eligible costs. Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement.

FY09-14

Health Sciences Expansion -- No. 096603

Category	Montgomery College	Date Last Modified	June 27, 2008
Subcategory	Higher Education	Required Adequate Public Facility	No
Administering Agency	Montgomery College	Relocation Impact	None
Planning Area	Takoma Park	Status	

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	750	0	0	750	750	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	4,428	0	0	4,428	0	4,428	0	0	0	0	0
Other	375	0	0	375	0	375	0	0	0	0	0
Total	5,553	0	0	5,553	750	4,803	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	5,553	0	0	5,553	750	4,803	0	0	0	0	0
Total	5,553	0	0	5,553	750	4,803	0	0	0	0	0

DESCRIPTION

This project will fund the relocation of the Workforce Development/Continuing Education (WDCE) program from the Health Sciences Center to the second floor of the Cafritz Foundation Arts Center. The south wing of the second floor of the Cafritz Foundation Arts Center was left unfinished during the recently completed building renovation. The renovation of the second floor will provide classroom, computer lab, and office space for WDCE while allowing the back renovation of various spaces in the Health Sciences Center for the growing nursing and health sciences programs.

JUSTIFICATION

The Takoma Park Campus has a current (Fall 2006) instructional space deficit of 50,973 net square feet, and a total space deficit of 117,037 net square feet. The relocation of WDCE will provide additional classroom, computer lab, and office space needed to support the functionality of this department. The relocation will also provide much needed instructional space for Nursing, and other Health Sciences programs.

Collegewide Facilities Master Plan (01/04).

OTHER

FY09 Appropriation: \$750,000 (G.O. Bonds)

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation	The Cafritz Foundation Arts Center (CIP #056604)	See Map on Next Page
FY09 (\$000)		
First Cost Estimate		
FY09 5,553		
Current Scope		
FY09 5,553		
Last FY's Cost Estimate		
0		
Appropriation Request		
FY09 750		
Appropriation Request Est.		
FY10 4,803		
Supplemental Appropriation Request		
0		
Transfer		
0		
Cumulative Appropriation		
0		
Expenditures / Encumbrances		
0		
Unencumbered Balance		
0		
Partial Closeout Thru		
FY06 0		
New Partial Closeout		
FY07 0		
Total Partial Closeout		
0		

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FY10

EXECUTIVE RECOMMENDATION

Health Sciences Expansion - No. 096603

Category: **Montgomery College**
 Agency: **Montgomery College**
 Planning Area: **Takoma Park**
 Relocation Impact: **None**

Date Last Modified: **January 5, 2009**
 Required Adequate Public Facility: **No**

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru		Rem. 6 Year		Beyond					
		FY08	FY08	Total	FY09	FY10	FY11	FY12	FY13	FY14	6 Years
Planning, Design and Supervision	750	0	0	750	750	0	0	0	0	0	0
Construction	4,428	0	0	4,428	0	4,428	0	0	0	0	0
Other	375	0	0	375	0	375	0	0	0	0	0
Total	5,553	0	0	5,553	750	4,803	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	5,553	0	0	5,553	750	4,803	0	0	0	0	0
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COMPARISON (\$000)

	Total	Thru		Rem. 6 Year		Beyond					Approp. Request	
		FY08	FY08	Total	FY09	FY10	FY11	FY12	FY13	FY14		6 Years
Current Approved	5,553	0	0	5,553	750	4,803	0	0	0	0	0	0
Agency Request	5,889	0	0	5,889	750	5,139	0	0	0	0	0	5,139
Recommended	5,553	0	0	5,553	750	4,803	0	0	0	0	0	4,803
CHANGE				TOTAL	%	6-YEAR	%	APPROP.				
Agency Request vs Approved				336	6.1%	336	6.1%	5,139	0.0%			
Recommended vs Approved				0	0.0%	0	0.0%	4,803	0.0%			
Recommended vs Request				(336)	(5.7%)	(336)	(5.7%)	(336)	(6.5%)			

Recommendation

APPROVE WITH MODIFICATIONS

Comments

The Executive does not recommend adding the requested, estimated, equipment cost escalation at this time.

The FY10 appropriation recommendation is \$4,803,000.

FY10

Health Sciences Expansion -- No. 096603

Category
Subcategory
Administering Agency
Planning Area

Montgomery College
Higher Education
Montgomery College
Takoma Park

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

October 06, 2008
No
None

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 8 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 8 Years
Planning, Design, and Supervision	750	0	0	750	750	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	4,738	0	0	4,738	0	4,738	0	0	0	0	0
Other	401	0	0	401	0	401	0	0	0	0	0
Total	5,889	0	0	5,889	750	5,139	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	5,889	0	0	5,889	750	5,139	0	0	0	0	0
Total	5,889	0	0	5,889	750	5,139	0	0	0	0	0

DESCRIPTION

This project will fund the relocation of the Workforce Development/Continuing Education (WDCE) program from the Health Sciences Center to the second floor of the Cafritz Foundation Arts Center. The south wing of the second floor of the Cafritz Foundation Arts Center was left unfinished during the recently completed building renovation. The renovation of the second floor will provide classroom, computer lab, and office space for WDCE while allowing the back renovation of various spaces in the Health Sciences Center for the growing nursing and health sciences programs.

COST CHANGE

The County has recognized the increasing costs of the current construction market, and is using the following escalation factor: 7% in FY2010.

JUSTIFICATION

The Takoma Park Campus has a current (Fall 2007) instructional space deficit of 43,543 net square feet, and a total space deficit of 60,823 net square feet. The relocation of WDCE will provide additional classroom, computer lab, and office space needed to support the functionality of this department. The relocation will also provide much needed instructional space for Nursing, and other Health Sciences programs. There were 539 applications received for the Nursing Program, but there were only 98 available spots for the Fall 2007 semester. In the last 2 years, there have been between 150 and 200 eligible students each semester, who were not accepted to the Nursing program. Since 2001, the Nursing program has doubled, and it is necessary to utilize additional space to accommodate this growth.

Collegewide Facilities Master Plan Update (Pending 11/08).

OTHER

FY2009 Appropriation: \$750,000 (G.O. Bonds).
FY2010 Appropriation: \$5,139,000 (G.O. Bonds).

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY09	(\$000)
First Cost Estimate	Current	
Scope	FY09	5,553
Last FY's Cost Estimate		5,553
Appropriation Request	FY10	5,139
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		750
Expenditures / Encumbrances		0
Unencumbered Balance		750
Partial Closeout Thru	FY07	0
New Partial Closeout	FY08	0
Total Partial Closeout		0

COORDINATION

The Cafritz Foundation Arts Center (CIP #056604)

MAP

See Map on Next Page

9

FY09-14

Planning, Design & Construction -- No. 906605

Category	Montgomery College	Date Last Modified	June 27, 2008
Subcategory	Higher Education	Required Adequate Public Facility	No
Administering Agency	Montgomery College	Relocation Impact	None
Planning Area	Countywide	Status	On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	19,018	12,100	666	6,252	977	1,055	1,055	1,055	1,055	1,055	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	2,148	0	0	2,148	358	358	358	358	358	358	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	21,166	12,100	666	8,400	1,335	1,413	1,413	1,413	1,413	1,413	*

FUNDING SCHEDULE (\$000)

Current Revenue: General	11,892	7,362	333	4,197	667	706	706	706	706	706	0
G.O. Bonds	9,274	4,738	333	4,203	668	707	707	707	707	707	0
Total	21,166	12,100	666	8,400	1,335	1,413	1,413	1,413	1,413	1,413	0
WorkYears					15.0	15.0	15.0	15.0	15.0	15.0	

DESCRIPTION

This project funds fifteen full time positions in the Facilities Office. These positions plan, design, manage and implement the College's capital program which extends beyond the current six years. These 15 positions are broken down into 3 categories: PROJECT MANAGEMENT STAFF; DESIGN STAFF; and CONSTRUCTION STAFF. The positions that are categorized as PROJECT MANAGEMENT STAFF are Project Managers (7), and Project Support Staff (1). The Project Managers are responsible for budget development, program planning, and project management through to completion. The Project Support Staff supports the goals of the Project Managers. The positions that are categorized as DESIGN STAFF are Architect (1), Engineer (1), and Architectural Drafter/Designer (1). The final category is CONSTRUCTION STAFF, which consists of a Construction Services Supervisor (1), and Construction Trades Workers (3), which are responsible for completing small, in-house construction projects.

JUSTIFICATION

The above staff supports the increased work load associated with the College's CIP and complements the existing staff expertise. A copy of the current staffing plan showing regular and capital budget staff has been provided to OMB. The College's CIP has increased substantially since the mid-1980s and the then existing staff could no longer support the additional projects.

OTHER

The following fund transfers have been made from this project: \$111,000 to Information Technology (#856509) (BOT Resol. #9156; \$400,000 to the Takoma Park Expansion project (#996662) (BOT Resol. #07-01-005, 1/16/07). The following fund transfer has been made into this project: \$28,000 (\$7,000 each) from ADA Compliance (#936660), Energy Conservation (#816611), Facility Planning (#886686) and PLAR (#926659) (BOT Resol. #01-153). During FY87-89, certain personnel costs were charged to individual capital projects. As some staff work is required on every capital project, separately identifying staff funding is an efficient and cost effective method of management for the College and provides a clear presentation of staff costs.

FY2009 Appropriation: \$667,000 (G.O. Bonds) and \$668,000 (Current Revenue: General).

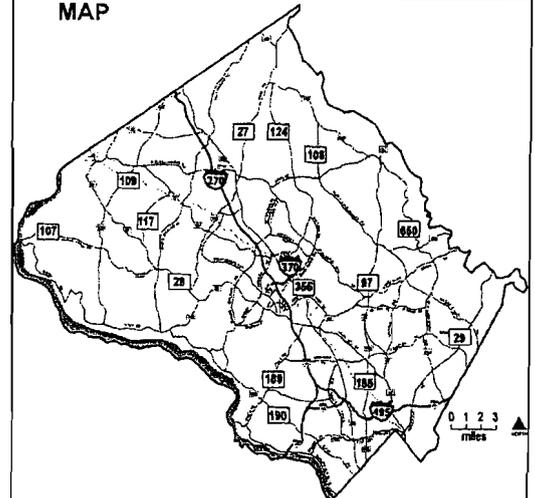
OTHER DISCLOSURES

- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA		
Date First Appropriation	FY90	(\$000)
First Cost Estimate	FY09	21,166
Current Scope		
Last FY's Cost Estimate		17,414
Appropriation Request	FY09	1,335
Appropriation Request Est.	FY10	1,413
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		12,766
Expenditures / Encumbrances		12,179
Unencumbered Balance		587
Partial Closeout Thru	FY06	0
New Partial Closeout	FY07	0
Total Partial Closeout		0

COORDINATION

MAP



FY10

EXECUTIVE RECOMMENDATION

Planning, Design & Construction - No. 906605

Category: **Montgomery College**
 Agency: **Montgomery College**
 Planning Area: **Countywide**
 Relocation Impact: **None**

Date Last Modified: **January 5, 2009**
 Required Adequate Public Facility: **No**

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru		6 Year							Beyond 6 Years
		FY08	Rem. FY08	Total	FY09	FY10	FY11	FY12	FY13	FY14	
Planning, Design and Supervision	19,018	12,549	217	6,252	977	1,055	1,055	1,055	1,055	1,055	0
Construction	2,148	0	0	2,148	358	358	358	358	358	358	0
Total	21,166	12,549	217	8,400	1,335	1,413	1,413	1,413	1,413	1,413	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	9,274	4,962	109	4,203	668	707	707	707	707	707	0
Current Revenue: General	11,892	7,587	108	4,197	667	706	706	706	706	706	0

COMPARISON (\$000)

	Total	Thru		6 Year							Beyond Approp. Request	
		FY08	Rem. FY08	Total	FY09	FY10	FY11	FY12	FY13	FY14	6 Years	Request
Current Approved	21,166	12,100	666	8,400	1,335	1,413	1,413	1,413	1,413	1,413	0	0
Agency Request	21,486	12,549	217	8,720	1,335	1,477	1,477	1,477	1,477	1,477	0	1,477
Recommended	21,166	12,549	217	8,400	1,335	1,413	1,413	1,413	1,413	1,413	0	1,413
CHANGE				TOTAL	%	6-YEAR	%	APPROP.				
Agency Request vs Approved				320	1.5%	320	3.8%	1,477 0.0%				
Recommended vs Approved				0	0.0%	0	0.0%	1,413 0.0%				
Recommended vs Request				(320)	(1.5%)	(320)	(3.7%)	(64) (4.3%)				

Recommendation

APPROVE WITH MODIFICATIONS

Comments

The County Executive recommends the approved level of effort.

The FY10 appropriation recommendation is \$707,000 (G.O. Bonds) and \$706,000 (Current Revenue: General).

FY10

Planning, Design & Construction -- No. 906605

Category	Montgomery College	Date Last Modified	September 23, 2008
Subcategory	Higher Education	Required Adequate Public Facility	No
Administering Agency	Montgomery College	Relocation Impact	None
Planning Area	Countywide	Status	On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	19,283	12,549	217	6,517	977	1,108	1,108	1,108	1,108	1,108	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	2,203	0	0	2,203	358	369	369	369	369	369	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	21,486	12,549	217	8,720	1,335	1,477	1,477	1,477	1,477	1,477	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	9,429	4,962	109	4,358	668	738	738	738	738	738	0
Current Revenue: General	12,057	7,587	108	4,362	667	739	739	739	739	739	0
Total	21,486	12,549	217	8,720	1,335	1,477	1,477	1,477	1,477	1,477	0
Work Years					15.0	15.0	15.0	15.0	15.0	15.0	

DESCRIPTION

This project funds fifteen full time positions in the Facilities Office. These positions plan, design, manage and implement the College's capital program which extends beyond the current six years. These 15 positions are broken down into 3 categories: PROJECT MANAGEMENT STAFF; DESIGN STAFF; and CONSTRUCTION STAFF. The positions that are categorized as PROJECT MANAGEMENT STAFF are Project Managers (7), and Project Support Staff (1). The Project Managers are responsible for budget development, program planning, and project management through to completion. The Project Support Staff supports the goals of the Project Managers. The positions that are categorized as DESIGN STAFF are Architect (1), Engineer (1), and Architectural Drafter/Designer (1). The final category is CONSTRUCTION STAFF, which consists of a Construction Services Supervisor (1), and Construction Trades Workers (3), which are responsible for completing small, in-house construction projects.

COST CHANGE

The cost of this project has increased due to FY10 State Bond Bill escalations. The cost escalations used are 4.5% in FY2010, and 4.5% thereafter.

JUSTIFICATION

The above staff supports the increased work load associated with the College's CIP and complements the existing staff expertise. A copy of the current staffing plan showing regular and capital budget staff has been provided to OMB. The College's CIP has increased substantially since the mid-1980s and the then existing staff could no longer support the additional projects.

OTHER

The following fund transfers have been made from this project: \$111,000 to Information Technology (#856509) (BOT Resol. #9156; \$400,000 to the Takoma Park Expansion project (#996662) (BOT Resol. #07-01-005, 1/16/07). The following fund transfer has been made into this project: \$28,000 (\$7,000 each) from ADA Compliance (#936660), Energy Conservation (#816611), Facility Planning (#886686) and PLAR (#926659) (BOT Resol. #01-153). During FY87-89, certain personnel costs were charged to individual capital projects. As some staff work is required on every capital project, separately identifying staff funding is an efficient and cost effective method of management for the College and provides a clear presentation of staff costs.

FY2009 Appropriation: \$667,000 (G.O. Bonds) and \$668,000 (Current Revenue: General).
 FY2010 Appropriation: \$738,000 (G.O. Bonds) and \$739,000 (Current Revenue: General).

OTHER DISCLOSURES

- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP																																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date First Appropriation</td> <td>FY90</td> <td>(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td>Current</td> <td>FY09 21,166</td> </tr> <tr> <td>Scope</td> <td></td> <td></td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td>21,166</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Appropriation Request</td> <td>FY10</td> <td>1,477</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td>0</td> </tr> <tr> <td>Transfer</td> <td></td> <td>0</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Cumulative Appropriation</td> <td></td> <td>14,101</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td>13,462</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td>639</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Partial Closeout Thru</td> <td>FY07</td> <td>0</td> </tr> <tr> <td>New Partial Closeout</td> <td>FY08</td> <td>0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td>0</td> </tr> </table>	Date First Appropriation	FY90	(\$000)	First Cost Estimate	Current	FY09 21,166	Scope			Last FY's Cost Estimate		21,166				Appropriation Request	FY10	1,477	Supplemental Appropriation Request		0	Transfer		0				Cumulative Appropriation		14,101	Expenditures / Encumbrances		13,462	Unencumbered Balance		639				Partial Closeout Thru	FY07	0	New Partial Closeout	FY08	0	Total Partial Closeout		0		
Date First Appropriation	FY90	(\$000)																																																
First Cost Estimate	Current	FY09 21,166																																																
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New Partial Closeout	FY08	0																																																
Total Partial Closeout		0																																																

Media Advisory

Rockville Science Center

Date: October 14, 2008

Media Contacts: Elizabeth Homan, 240-567-7970; Marcus Rosano, 240-567-4022

October 16: Lt. Governor Anthony Brown to Present Check for Future Rockville Campus Science Center

THURSDAY, OCTOBER 16, 2008, 10 A.M.

Montgomery College, Rockville Campus

51 Mannakee Street, Rockville, MD

Presentation will be under the tent at the Rockville Campus pond

On Thursday, October 16 at 10 a.m., Montgomery College will welcome Lieutenant Governor Anthony Brown as he presents the College with a check for nearly \$30 million to support the construction of the new Rockville Science Center. This new science and engineering building will provide state-of-the-art classrooms and labs that will help the College meet the challenge of providing education and training for the next generation of scientists and engineers.

The planned four-story building will be the new home to the departments of biology, chemistry and physics, engineering and geosciences on the Rockville Campus. Along with classrooms and labs, the science center will feature a greenhouse and a rooftop observatory. The building expects to achieve Leadership in Energy and Environmental Design (LEED) Gold certification from the United States Green Buildings Council. Construction of the center is expected to be complete in 2011.

FY09-14

Rockville Science Center -- No. 036600

Category	Montgomery College	Date Last Modified	June 30, 2008
Subcategory	Higher Education	Required Adequate Public Facility	No
Administering Agency	Montgomery College	Relocation Impact	None
Planning Area	Rockville	Status	On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	6,992	5,010	1,190	792	600	192	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	58,810	0	0	58,810	28,308	30,502	0	0	0	0	0
Other	7,772	0	0	7,772	0	7,772	0	0	0	0	0
Total	73,574	5,010	1,190	67,374	28,908	38,466	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	36,787	2,505	595	33,687	14,454	19,233	0	0	0	0	0
State Aid	36,787	2,505	595	33,687	14,454	19,233	0	0	0	0	0
Total	73,574	5,010	1,190	67,374	28,908	38,466	0	0	0	0	0

OPERATING BUDGET IMPACT (\$000)

Maintenance				2,240	0	0	292	584	682	682
Energy				1,501	0	0	214	429	429	429
Program-Staff				245	0	0	35	70	70	70
Net Impact				3,986	0	0	541	1,083	1,181	1,181
WorkYears					0.0	0.0	7.5	15.0	18.0	18.0

DESCRIPTION

This project will fund the design and construction of a new science building (approx. 140,700 gsf) on the Rockville Campus to support Campus space needs and provide for an up-to-date science program in a modern facility that complies with current requirements. The new building is part of an overall plan that will provide a new home for the Chemistry, Biology and Physics departments (currently housed in Science East and Science West) while the Science East and Science West Buildings are renovated for other purposes. As part of the Facilities Master Plan prepared for the Rockville Campus during FY02, the College reviewed and evaluated various options and alternatives for the overall science complex on the Campus. Recommendations based on this planning effort became part of the final Facilities Master Plan submitted to the state on February 1, 2004.

COST CHANGE

The cost of this project has increased due to FY09 Bond Bill cost escalations. The state has recognized the increasing costs of the current construction market and is using the following escalation factors: 5% in FY2009, and 5% thereafter. These cost escalations have been incorporated into the project.

JUSTIFICATION

Under the application of the State space guidelines, the enrollment growth on the Rockville Campus has resulted in a significant instructional space deficit. The Rockville Campus has a current (Fall 2006) instructional space deficit of 92,194 NASF and a total space deficit of 256,425 NASF. With the construction of the new science center, the 2016 projected instructional space deficit will be 42,062 NASF and the total space deficit will be 194,796 NASF. Furthermore, the Science East and Science West Buildings no longer adequately house their respective science and mathematics programs due to poor space configurations, poor ventilation and restricted access. The new science center will address a portion of the Campus' space deficit along with providing a modern facility for up-to-date science instruction.

Collegewide Facilities Master Plan (11/06), Rockville Science Center Facility Program (5/04).

OTHER

FY09 Appropriation: \$29,801,000 (G.O. Bonds); \$29,801,000 (State Aid)

State share of project based on anticipated eligible costs. Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation	FY03 (\$000)	Facility Planning: College (CIP #886686) Energy Conservation: College (CIP #816611) Science East Building Renovation (CIP #056610) Science West Building Renovation (CIP #056609) See Map on Next Page <div style="text-align: right; border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center;">14</div>
First Cost Estimate	FY09 73,574	
Current Scope		
Last FY's Cost Estimate	69,896	
Appropriation Request	FY09 59,602	
Appropriation Request Est.	FY10 7,772	
Supplemental Appropriation Request	0	
Transfer	0	
Cumulative Appropriation	6,200	
Expenditures / Encumbrances	5,010	
Unencumbered Balance	1,190	
Partial Closeout Thru	FY06 0	
New Partial Closeout	FY07 0	
Total Partial Closeout	0	

Rockville Science Center -- No. 036600 (continued) FY09-14

FISCAL NOTE

The State has committed to \$29,801,000 in funding for FY09 Planning, Design, and Supervision, and Construction costs.

The State committed to \$2,056,000 in funding in FY07, or \$396,000 more than requested. The amount above the request will be applied to FY08 needs.

OTHER DISCLOSURES

- Montgomery College asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

FY10

Rockville Science Center -- No. 036600

Category: Montgomery College
 Subcategory: Higher Education
 Administering Agency: Montgomery College
 Planning Area: Rockville

Date Last Modified: October 20, 2008
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: On-going

October 20, 2008
 No
 None
 On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	6,992	5,095	1,105	792	600	192	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	58,810	0	0	58,810	28,308	30,502	0	0	0	0	0
Other	8,122	0	0	8,122	0	0	8,122	0	0	0	0
Total	73,924	5,095	1,105	67,724	28,908	30,694	8,122	0	0	0	0

FUNDING SCHEDULE (\$000)

	Total	FY08	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
G.O. Bonds	36,962	2,548	552	33,862	14,454	15,347	4,061	0	0
State Aid	36,962	2,547	553	33,862	14,454	15,347	4,061	0	0
Total	73,924	5,095	1,105	67,724	28,908	30,694	8,122	0	0

OPERATING BUDGET IMPACT (\$000)

	FY08	FY09	FY10	FY11	FY12	FY13	FY14
Maintenance			4,684	0	1,171	1,171	1,171
Energy			2,252	0	563	563	563
Net Impact			6,936	0	1,734	1,734	1,734
Work Years				0.0	0.0	21.0	21.0

DESCRIPTION

This project will fund the design and construction of a new science building (approx. 140,700 gsf) on the Rockville Campus to support Campus space needs and provide for an up-to-date science program in a modern facility that complies with current requirements. The new building is part of an overall plan that will provide a new home for the Chemistry, Biology and Physics departments (currently housed in Science East and Science West) while the Science East and Science West Buildings are renovated for other purposes. As part of the Facilities Master Plan prepared for the Rockville Campus during FY02, the College reviewed and evaluated various options and alternatives for the overall science complex on the Campus. Recommendations based on this planning effort became part of the final Facilities Master Plan submitted to the state on February 1, 2004.

COST CHANGE

The cost of this project has increased due to FY2010 Bond Bill cost escalations. The state has recognized the increasing costs of the current construction market and is using the following escalation factors: 4.5% in FY2010, and 4.5% thereafter. These cost escalations have been incorporated into the project.

JUSTIFICATION

Under the application of the State space guidelines, the enrollment growth on the Rockville Campus has resulted in a significant instructional space deficit. The Rockville Campus has a current (Fall 2007) instructional space deficit of 110,883 NASF and a total space deficit of 272,813 NASF. With the construction of the new science center, the 2017 projected instructional space deficit will be 77,556 NASF and the total space deficit will be 266,565 NASF. Furthermore, the Science East and Science West Buildings no longer adequately house their respective science and mathematics programs due to poor space configurations, poor ventilation and restricted access. The new science center will address a portion of the Campus' space deficit along with providing a modern facility for up to date science instruction.

Collegewide Facilities Master Plan Update (Pending 11/08), Rockville Science Center Facility Program (5/04).

OTHER

FY2009 Appropriation: \$29,801,000 (G.O. Bonds); \$29,801,000 (State Aid)
 FY2010 Appropriation: \$0.

State share of project based on anticipated eligible costs. Relocation costs and design fees above approximately 7% of estimated construction costs may not be eligible for State reimbursement.

FISCAL NOTE

The State has committed to \$29,801,000 in funding for FY09 Planning, Design, and Supervision, and Construction costs.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP
Date First Appropriation: FY03 (\$000)	Facility Planning: College (CIP #886686)	See Map on Next Page
First Cost Estimate: FY09 73,574	Energy Conservation: College (CIP #216611)	
Current Scope	Science East Building Renovation (CIP #056610)	
Last FY's Cost Estimate: 73,574	Science West Building Renovation (CIP #056609)	
Appropriation Request: FY10 0		
Supplemental Appropriation Request: 0		
Transfer: 0		
Cumulative Appropriation: 55,802		
Expenditures / Encumbrances: 5,095		
Unencumbered Balance: 60,704		
Partial Closeout Thru: FY07 0		
New Partial Closeout: FY08 0		
Total Partial Closeout: 0		

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Rockville Science Center -- No. 036600 (continued) FY10

The State committed to \$2,056,000 in funding in FY07, or \$396,000 more than requested. The amount above the request will be applied to FY03 needs.

FY09-14

Roof Replacement: College -- No. 876664

Category: Montgomery College
 Subcategory: Higher Education
 Administering Agency: Montgomery College
 Planning Area: Countywide

Date Last Modified: March 04, 2008
 Required Adequate Public Facility: No
 Relocation Impact: None
 Status: On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	1,055	654	113	288	0	96	60	32	50	50	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	6,940	3,350	1,628	1,962	0	648	396	218	350	350	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	7,995	4,004	1,741	2,250	0	744	456	250	400	400	*

FUNDING SCHEDULE (\$000)

Current Revenue: General	1,248	1,248	0	0	0	0	0	0	0	0	0
G.O. Bonds	5,544	1,553	1,741	2,250	0	744	456	250	400	400	0
State Aid	1,203	1,203	0	0	0	0	0	0	0	0	0
Total	7,995	4,004	1,741	2,250	0	744	456	250	400	400	0

DESCRIPTION

This project provides for the replacement/major repair of roofs and entrance canopies on buildings at all three campuses, including the addition of roof insulation as part of the replacement work. Project costs are based on comprehensive roof surveys of all College buildings completed in 2004. An update to this survey will be conducted in 2008.

JUSTIFICATION

The College has implemented a roof replacement/renovation program to respond to the aging of building roofs. The program provides for the periodic evaluation of roofs on a four year cycle. The current roof replacement/major repair schedule (2004) delineates specific building projects through FY12. This schedule will be updated again in FY08. Roofs requiring major renovation are generally ten years or older in age. In the initial replacement cycle, approximately 33% of the construction cost is for the addition of roof insulation on each building. Added insulation results in an average five year payback due to reduced energy costs and lower first costs of mechanical equipment retrofits in building renovations. This project is coordinated with the College's building renovation program and with the replacement of major roof-top building equipment.

Collegewide Roof Surveys (2004), Collegewide Facilities Condition Assessment (11/06) and Collegewide Facilities Master Plan (1/04).

OTHER

By County Council Resolution #12663, the cumulative project appropriation was reduced by \$65,000 in FY92. In addition, the State share was reduced \$65,000 in FY92. FY87-FY91, and FY93 project funding was 100% current revenue. FY92 funding was current revenue and State aid. No appropriations were made to this project in FY94 and FY95. In FY96, funding was changed to G.O bonds and State aid. State aid applies only to roof replacement design and construction. Roof surveys are 100% County G.O. bond funded.

The FY03 appropriation request of \$327,000 (\$231,000 - G.O. Bonds and \$96,000 - State Aid) was combined with \$136,000 in unused State aid previously appropriated by the County to provide a total of \$463,000 in funding for the planned FY03 roof replacement projects.

FY2009 Appropriation: 0

OTHER DISCLOSURES

- Montgomery College asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.
- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP												
<table border="1"> <tr> <td>Date First Appropriation</td> <td>FY87</td> <td>(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td></td> <td></td> </tr> <tr> <td>Current Scope</td> <td>FY09</td> <td>7,995</td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td>7,426</td> </tr> </table>	Date First Appropriation	FY87	(\$000)	First Cost Estimate			Current Scope	FY09	7,995	Last FY's Cost Estimate		7,426	<p>Energy Conservation (CIP#816611) PLAR: College (CIP#926659) FY09 – Collegewide Roof Surveys & Major Repairs, Science & Applied Studies Clay Tile (GT) and PE Clay Tile (GT) FY10 – Physical Education (RV) FY11 – Campus Center (RV) FY12 – North Pav. (TP/SS), Math Pav. (TP/SS), Info. Sci. Pav. (TP/SS), Student Services Pav. (TP/SS) FY13 – Collegewide Roof Survey & Major Repairs</p>	
Date First Appropriation	FY87	(\$000)												
First Cost Estimate														
Current Scope	FY09	7,995												
Last FY's Cost Estimate		7,426												
<table border="1"> <tr> <td>Appropriation Request</td> <td>FY09</td> <td>0</td> </tr> <tr> <td>Appropriation Request Est.</td> <td>FY10</td> <td>744</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td>0</td> </tr> <tr> <td>Transfer</td> <td></td> <td>0</td> </tr> </table>	Appropriation Request	FY09	0	Appropriation Request Est.	FY10	744	Supplemental Appropriation Request		0	Transfer		0		
Appropriation Request	FY09	0												
Appropriation Request Est.	FY10	744												
Supplemental Appropriation Request		0												
Transfer		0												
<table border="1"> <tr> <td>Cumulative Appropriation</td> <td></td> <td>5,745</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td>4,622</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td>1,123</td> </tr> </table>	Cumulative Appropriation		5,745	Expenditures / Encumbrances		4,622	Unencumbered Balance		1,123					
Cumulative Appropriation		5,745												
Expenditures / Encumbrances		4,622												
Unencumbered Balance		1,123												
<table border="1"> <tr> <td>Partial Closeout Thru</td> <td>FY06</td> <td>0</td> </tr> <tr> <td>New Partial Closeout</td> <td>FY07</td> <td>0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td>0</td> </tr> </table>	Partial Closeout Thru	FY06	0	New Partial Closeout	FY07	0	Total Partial Closeout		0					
Partial Closeout Thru	FY06	0												
New Partial Closeout	FY07	0												
Total Partial Closeout		0												

Roof Replacement: College -- No. 876664

Category
Subcategory
Administering Agency
Planning Area

Montgomery College
Higher Education
Montgomery College
Countywide

FY10

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

October 20, 2008
No
None
On-going

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY08	Rem. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	1,005	742	25	238	0	0	96	50	60	32	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	6,590	3,968	1,010	1,612	0	0	648	350	396	218	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	7,595	4,710	1,035	1,850	0	0	744	400	456	250	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	5,144	2,259	1,035	1,850	0	0	744	400	456	250	0
Current Revenue: General	1,248	1,248	0	0	0	0	0	0	0	0	0
State Aid	1,203	1,203	0	0	0	0	0	0	0	0	0
Total	7,595	4,710	1,035	1,850	0	0	744	400	456	250	0

DESCRIPTION

This project provides for the replacement/major repair of roofs and entrance canopies on buildings at all three campuses, including the addition of roof insulation as part of the replacement work. Project costs are based on comprehensive roof surveys of all College buildings completed in 2004. An update to this survey was conducted in 2008.

JUSTIFICATION

The College has implemented a roof replacement/renovation program to respond to the aging of building roofs. The program provides for the periodic evaluation of roofs on a four year cycle. The current roof replacement/major repair schedule (2008) delineates specific building projects through FY14. This schedule was updated again in FY08. Roofs requiring major renovation are generally ten years or older in age. In the initial replacement cycle, approximately 33% of the construction cost is for the addition of roof insulation on each building. Added insulation results in an average five year payback due to reduced energy costs and lower first costs of mechanical equipment retrofits in building renovations. This project is coordinated with the College's building renovation program and with the replacement of major roof-top building equipment.

Collegewide Roof Surveys Update (1/08), Collegewide Facilities Condition Assessment Update (11/07) and Collegewide Facilities Master Plan Update (Pending 11/08).

OTHER

By County Council Resolution #12663, the cumulative project appropriation was reduced by \$65,000 in FY92. In addition, the State share was reduced \$65,000 in FY92. FY87-FY91, and FY93 project funding was 100% current revenue. FY92 funding was current revenue and State aid. No appropriations were made to this project in FY94 and FY95. In FY96, funding was changed to G.O bonds and State aid. State aid applies only to roof replacement design and construction. Roof surveys are 100% County G.O. bond funded.

The FY03 appropriation request of \$327,000 (\$231,000 - G.O. Bonds and \$96,000 - State Aid) was combined with \$136,000 in unused State aid previously appropriated by the County to provide a total of \$463,000 in funding for the planned FY03 roof replacement projects.

FY2009 Appropriation: \$0

FY2010 Appropriation: \$0

OTHER DISCLOSURES

- * Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA	COORDINATION	MAP																																																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Date First Appropriation</td> <td>FY87</td> <td>(\$000)</td> </tr> <tr> <td>First Cost Estimate</td> <td></td> <td></td> </tr> <tr> <td>Current Scope</td> <td>FY09</td> <td>7,995</td> </tr> <tr> <td>Last FY's Cost Estimate</td> <td></td> <td>7,995</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Appropriation Request</td> <td>FY10</td> <td>0</td> </tr> <tr> <td>Supplemental Appropriation Request</td> <td></td> <td>0</td> </tr> <tr> <td>Transfer</td> <td></td> <td>0</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Cumulative Appropriation</td> <td></td> <td>5,745</td> </tr> <tr> <td>Expenditures / Encumbrances</td> <td></td> <td>4,710</td> </tr> <tr> <td>Unencumbered Balance</td> <td></td> <td>1,035</td> </tr> <tr> <td colspan="3"> </td> </tr> <tr> <td>Partial Closeout Thru</td> <td>FY07</td> <td>0</td> </tr> <tr> <td>New Partial Closeout</td> <td>FY08</td> <td>0</td> </tr> <tr> <td>Total Partial Closeout</td> <td></td> <td>0</td> </tr> </table>	Date First Appropriation	FY87	(\$000)	First Cost Estimate			Current Scope	FY09	7,995	Last FY's Cost Estimate		7,995				Appropriation Request	FY10	0	Supplemental Appropriation Request		0	Transfer		0				Cumulative Appropriation		5,745	Expenditures / Encumbrances		4,710	Unencumbered Balance		1,035				Partial Closeout Thru	FY07	0	New Partial Closeout	FY08	0	Total Partial Closeout		0	<p>COORDINATION</p> <p>Energy Conservation (CIP#816611) PLAR: College (CIP#926659) FY09 -- Collegewide Roof Surveys & Major Repairs, Science & Applied Studies Clay Tile (GT) and PE Clay Tile (GT) FY11 -- Physical Education (RV) FY12 -- Collegewide Roof Survey & Major Repairs FY13 -- Campus Center (RV) FY14 -- North Pav. (TP/SS), Math Pav. (TP/SS), Info. Sci. Pav. (TP/SS), Student Services Pav. (TP/SS)</p>	
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