

R30B35
University of Maryland Biotechnology Institute
University System of Maryland

Operating Budget Data

(\$ in Thousands)

	<u>FY 05</u> <u>Actual</u>	<u>FY 06</u> <u>Working</u>	<u>FY 07</u> <u>Allowance</u>	<u>FY 06-07</u> <u>Change</u>	<u>% Change</u> <u>Prior Year</u>
General Funds	\$15,029	\$17,342	\$20,703	\$3,361	19.4%
Other Unrestricted Funds	14,914	18,267	15,406	-2,861	-15.7%
Total Unrestricted Funds	29,942	35,610	36,110	500	1.4%
Restricted Funds	<u>25,827</u>	<u>27,500</u>	<u>27,500</u>	<u>0</u>	<u>0%</u>
Total Funds	\$55,769	\$63,110	\$63,610	\$500	0.8%

- General funds increase \$3.4 million, or 19.4%, in the fiscal 2007 allowance. Most of the additional funds will go toward current services cost increases and new faculty and program initiatives for the Center for Advanced Research in Biotechnology.
- Other unrestricted funds are decreasing by \$2.9 million, or 15.7%, in the allowance. This decrease is due to fewer funds from the fund balance being used in fiscal 2007 than in 2006.

Personnel Data

	<u>FY 05</u> <u>Actual</u>	<u>FY 06</u> <u>Working</u>	<u>FY 07</u> <u>Allowance</u>	<u>FY 06-07</u> <u>Change</u>
Regular Positions	405.75	415.75	439.75	24.00
Contractual FTEs	<u>62.48</u>	<u>62.48</u>	<u>98.10</u>	<u>35.62</u>
Total Personnel	468.23	478.23	537.85	59.62

Vacancy Data: Regular Positions

Turnover, Excluding New Positions	6.33	1.44%
Positions Vacant as of 12/31/05	9.75	2.35%

- The fiscal 2007 allowance includes 24 additional regular positions and 36 additional contractual positions, or a 12.6% increase. Most of the additional regular positions are for the Center for Advanced Research in Biotechnology. The contractual positions are primarily for the research program with a few in an administrative capacity.

Note: Numbers may not sum to total due to rounding.

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Analysis in Brief

Major Trends

Research Funding Continues to Rise; Commercialization of Technology Strong: Grant and contract revenue is steadily increasing. The University of Maryland Biotechnology Institute (UMBI) is near the target for industry sponsored research awards. The number of licensing agreements has increased.

K-12 Enrichment Programs Increasing: The number of K-12 students that participate in UMBI's science enrichment programs is increasing rapidly. The number of K-12 teachers that participate in the programs is also increasing.

Issues

Measuring Performance Is Difficult without Peers: UMBI has made little progress in identifying a performance peer. Recently, it has moved away from searching for a peer among the public sector research industry and has begun searching for a peer among the private sector.

Efficiency Initiative in the First Year: UMBI is expected to achieve savings as a result of the University System of Maryland's efficiency initiative. Additionally, an organizational review of UMBI was conducted, and a recommendation was made to review whether the Institute of Human Virology should be realigned with another institution.

Personnel Studies Continue: Research faculty account for 26% of UMBI's filled regular positions in fiscal 2006, as compared to instructional faculty's 39% share of personnel for USM as a whole.

Recommended Actions

1. Adopt narrative requesting that the University System of Maryland office report on its study of the University of Maryland Biotechnology Institute, Institute of Human Virology.
2. Adopt narrative requesting that the University of Maryland Biotechnology Institute report on its progress in identifying a peer.

Updates

New Strategic Plan: UMBI completed its 2015 strategic plan to guide the institute toward fulfilling its mission and goals.

Facility Maintenance: UMBI is subject to a new Board of Regents facility renewal policy. UMBI will be required to increase operational spending on facility renewal projects by 0.1% of the replacement value of capital assets until reaching the required 2% spending level.

R30B35 – USM – University of Maryland Biotechnology Institute

Analysis of the FY 2007 Maryland Executive Budget, 2006

R30B35
University of Maryland Biotechnology Institute
University System of Maryland

Operating Budget Analysis

Program Description

The University of Maryland Biotechnology Institute (UMBI) aims to establish and nurture internationally recognized biotechnology research programs and to promote biotechnology-related economic development in Maryland. It pursues these goals through five interdisciplinary research centers at locations throughout the State. Each center has a unique focus.

- **Center for Advanced Research in Biotechnology:** Founded in 1985 to study protein engineering, structure, and function; provides advanced technical capabilities to the biotechnology industry; located in Shady Grove, Montgomery County.
- **Center of Marine Biotechnology:** Founded in 1985; specializes in research in molecular biology, molecular genetics, bioprocess development of aquaculture fisheries, marine microbial products and processes, and marine pollution/environmental remediation; located at the Columbus Center in the City of Baltimore's Inner Harbor.
- **Medical Biotechnology Center:** Founded in 1986 to conduct medical biotechnology research and training; housed in UMBI's medical research facility at the University of Maryland, Baltimore campus, City of Baltimore.
- **Center for Biosystems Research:** Founded in 1987 to address fundamental biological questions and derive practical solutions that benefit agriculture, industry, human medicine, and the environment; located at the University of Maryland, College Park campus, Prince George's County.
- **Institute of Human Virology:** Founded in 1996 to combine basic research, epidemiology, clinical research toward the discovery of diagnostics, and therapeutics in human virology; housed within the medical research facility in Baltimore.

Building on its strength in research and economic development activities, UMBI aims to increase revenues from extramural funding sources.

In addition to its commitment to conducting research and serving as a catalyst for business development, UMBI aims to provide training for the biotechnology workforce and the next generation of scientists, improve access of minorities to bioscience education, and advance public knowledge of biotechnology related issues. To this end, UMBI contributes to the education and training of students at all levels in the life sciences and biotechnology.

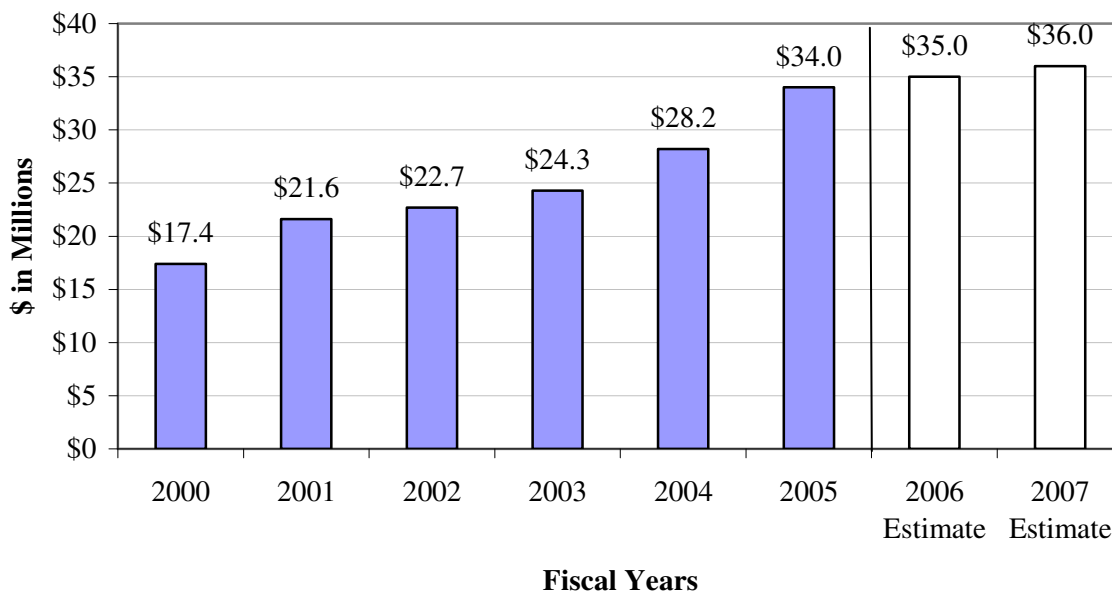
Education programs include hands-on K-16 science and technology learning opportunities for teachers and students, including internships. UMBI faculty members also teach and advise almost 200 degree-seeking students, postdoctoral trainees, and research trainees each year.

Performance Analysis: Managing for Results

Research Funding Continues to Rise

Conducting research is the foundation of UMBI's goals. Currently, the trend is that federal funding for single projects is flat or decreasing. UMBI has countered this trend by searching for funding from the less traditional sources of industry and private foundations. Additionally, UMBI competes for interdisciplinary and multi-project funding. **Exhibit 1** shows that grant and contract revenue for UMBI has increased from \$17.4 million in 2000 to \$34 million in 2005. The fiscal 2005 level of grant and contract revenue increased from \$28.2 million in fiscal 2004. UMBI reports that this unusually large growth is attributable to a change in accounting practices for research activities at the Institute for Human Virology (IHV). **The President should comment on the recent changes in funding sources.**

Exhibit 1
Grant and Contract Revenue
Fiscal 2000 – 2007
(\$ in Millions)



Source: University of Maryland Biotechnology Institute

Commercialization of Technology Is Strong

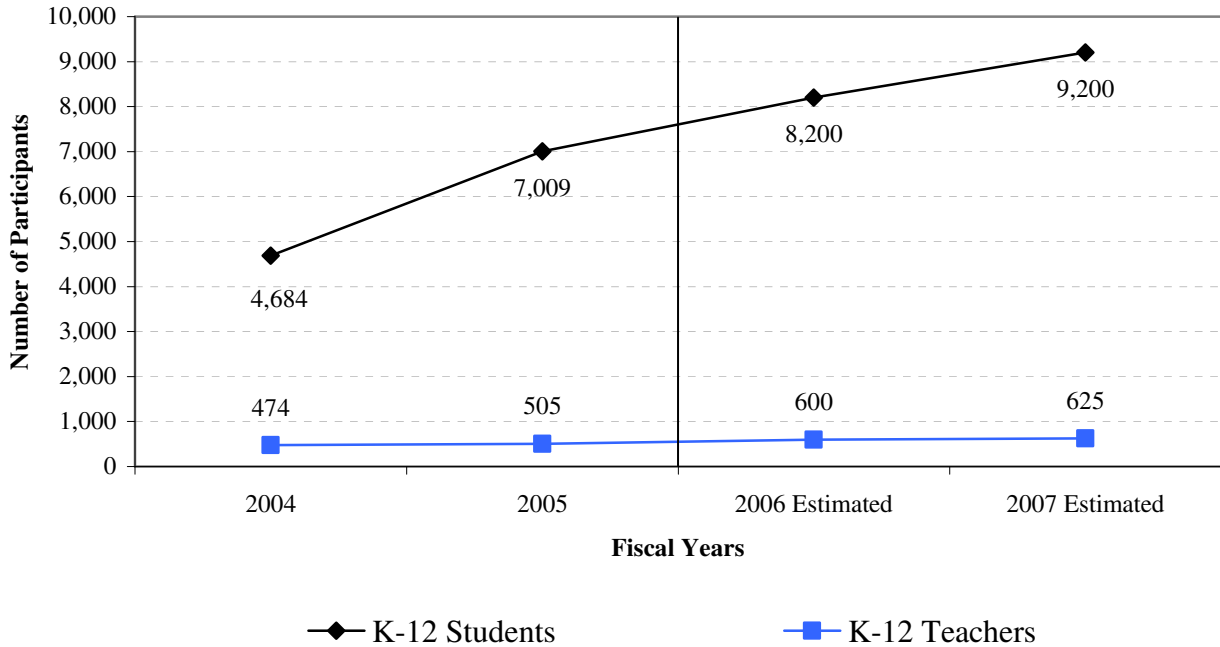
UMBI also strives to find practical applications for its research. One of the ways it does this is by partnering with industry entities to co-develop technologies to the point where they have commercial value. UMBI accomplishes this by using industry-sponsored research awards. These awards are short-term awards as they have a very specific purpose and, therefore, have frequent turnover. UMBI has the target of maintaining 20 awards every year. In 2004, UMBI had 23 awards and in 2005, it had 18 awards. UMBI reports that the objective of 20 awards is an aggressive target.

Another component of achieving commercialization of technology is through licensing agreements. The number of licensing agreements rose sharply from 18 in 2004 to 27 in 2005. UMBI reports that a concerted effort has been made to finalize long-standing pending agreements. Decreasing the backlog of pending agreements led to the sharp increase in licensing agreements in fiscal 2005.

K-12 Educational Objectives On-track

Another important goal for UMBI is to educate teachers and students about science and technology. **Exhibit 2** shows the number of teachers and students that have participated in enrichment activities each year. UMBI's objective is to stimulate an interest in science and technology careers by providing science enrichment experiences to K-12 students. In fiscal 2004, 4,684 students participated in the enrichment programs. There was a sharp increase to 7,009 students in fiscal 2005. The primary reason for the sharp increase is attributable to the Maryland Loaner Lab, a new outreach program that is supported by sponsored funding. UMBI seems to be on track for reaching its objective of 10,500 K-12 students participating annually by fiscal 2009. UMBI also has the objective to provide hands-on professional development programs to enhance the laboratory skills of at least 700 science teachers by fiscal 2009. UMBI appears to be on-track for meeting this objective as well. UMBI served 474 teachers in fiscal 2004 and 505 teachers in fiscal 2005.

Exhibit 2
K – 12 Students and Teachers Taking Part in Enrichment Programs
Fiscal 2004 – 2007



Source: Maryland State Budget Books

Governor's Proposed Budget

The general fund allowance for fiscal 2007 is \$3.4 million above fiscal 2006, an increase of 19.4%, as shown in **Exhibit 3**. UMBI reports that it intends to use most of the additional funds for current services cost increases (including utility and health increases), new faculty and program initiatives for the Center for Advanced Research in Biotechnology, and a fundraising initiative.

Exhibit 3
Governor’s Proposed Budget
University of Maryland Biotechnology Institute
(\$ in Thousands)

	<u>FY 05</u> <u>Actual</u>	<u>FY 06</u> <u>Working</u>	<u>FY 07</u> <u>Allowance</u>	<u>FY 06-07</u> <u>Change</u>	<u>% Change</u> <u>Prior Year</u>
General Funds	\$15,029	\$17,342	\$20,703	\$3,361	19.4%
Other Unrestricted Funds	14,914	18,267	15,406	-2,861	-15.7%
Total Unrestricted Funds	29,942	35,610	36,110	500	1.4%
Restricted Funds	25,827	27,500	27,500	0	0.0%
Total Funds	\$55,769	\$63,110	\$63,610	\$500	0.8%

Note: Numbers may not sum to total due to rounding.

Other unrestricted funds in the allowance decrease by \$2.9 million, or 15.7%. UMBI reports that there was a large one-time use of fund balance in fiscal 2006 for costs related to faculty recruitment, equipment purchase, and facility repairs and renovations, but that fewer funds will be needed in fiscal 2007. Thus, there is a decrease in other unrestricted funds for fiscal 2007. Considering all increases and decreases, the total unrestricted funds for fiscal 2007 are \$36.1 million or a 1.4% increase over fiscal 2006. Overall, the UMBI budget increases 0.8%.

The UMBI State-supported budget by program is shown in **Exhibit 4**. State-supported funds account for 40.9% of UMBI’s total budget for fiscal 2007. Of the State-supported amount, general funds are about 80%. The largest increase in fiscal 2007 is in maintenance of physical plant (21.4%). Research has the next highest rate of growth, 12.1%. There is one significant change in the UMBI allowance that is different from the fiscal 2002 to 2006 spending patterns. Expenditures for physical plant increase more rapidly in fiscal 2007 than they did from fiscal 2002 through 2006 because of opening the new CARB II facility and rising utility costs. Also, use of fund balance is expected to decrease 90.3% from fiscal 2006 to 2007. This is because UMBI experienced a large amount of one-time expenses in fiscal 2006 for the Center for Advanced Research in Biotechnology (CARB) facility. In fiscal 2007, less fund balance revenue will be needed. **The President should comment on what the additional funds will be used for as well as for what the increases in State-supported funds by program will be used.**

Exhibit 4
UMBI State-supported Budget Changes by Program
Fiscal 2002, 2006, and 2007
(\$ in Thousands)

<u>Expenditures</u>	<u>FY 02</u>	<u>Working FY 06</u>	<u>% Change FY 02 – 06</u>	<u>Allowance FY 07</u>	<u>Change FY 06 – 07</u>	<u>% Change FY 06 – 07</u>
Research	\$9,600	\$11,739	22.3%	\$13,156	\$1,418	12.1%
Plant	4,967	5,438	9.5%	6,603	1,165	21.4%
Institutional support	4,053	6,086	50.2%	5,927	-159	-2.6%
Public service	262	315	20.2%	319	4	1.3%
Total	\$18,882	\$23,576	24.9%	\$26,005	\$2,428	10.3%
Revenues						
General Funds	\$16,468	\$17,342	5.3%	\$20,703	\$3,361	19.4%
Other State Support	4,067	5,202	27.9%	5,202	0	0.0%
Use of Fund Balance	-1,653	1,033	-162.5%	100	-933	-90.3%
Total	\$18,882	\$23,576	24.9%	\$26,005	\$2,428	10.3%

Note: Numbers may not sum due to rounding.

Source: University of Maryland Biotechnology Institute

Issues

1. Measuring Performance Is Difficult without Peers

UMBI has an unusual structure in that it is an independent research institution not affiliated with a single university. Research institutions usually are part of larger research universities and are closely linked with particular colleges or departments.

UMBI's unique structure prevents meaningful comparison to other institutions on performance measures related to its mission of research, education, and economic development. Neither UMBI nor University of Maryland Center for Environmental Science (UMCES) has peer institutions identified. However, with UMBI's new strategic plan, the institution can be measured against its own mission and goals until suitable peers are identified.

UMBI reports that the effort to find a peer institution during the past year was hampered by many other initiatives. These initiatives include the organizational review of UMBI, the update of the facilities master plan, and the new strategic plan with the resulting revised Managing for Results. Given this activity, UMBI has not made significant progress towards identifying a peer. UMBI reports that it is more appropriate to identify a peer now that many of these changes have taken place.

However, it has made some progress. UMBI has recently changed its focus in finding peer institutions from the public college or university sector to private, nonprofit, research institutes. UMBI has discovered that it is unlikely that it will be able to find peers that match all five of its research centers collectively. Therefore, UMBI is currently reviewing publicly available data on these types of companies to identify one or more peers for each of its research centers individually. Using this method, it has been able to identify some potential peers. The next step is for UMBI to contact the potential peers to verify whether they would be appropriate peers and whether they would be amenable to sharing performance data. **The President should comment on UMBI's efforts to identify a peer.**

2. Efficiency Initiative in the First Year

The University System of Maryland (USM) began its first year of implementing its systemwide efficiency initiatives in fiscal 2006. USM estimated that \$18.7 million will be saved systemwide in fiscal 2007. UMBI is participating in this initiative, and its share of the savings is expected to be \$216,316, as shown in **Exhibit 5**. This represents 1% of the State-supported budget. UMBI reports that it is becoming more difficult to achieve these savings because they do not have the major student related services that other institutions do. UMBI is expecting to save this amount through indirect cost recovery on research projects and through grant funding, as two examples.

Exhibit 5
UMBI's Expected Efficiency Savings
Fiscal 2006 – 2007

	<u>Fiscal 2006</u>	<u>Fiscal 2007</u>
UMBI	\$195,768	\$216,316

Source: University System of Maryland

USM also identified two other ways of measuring fiscal savings associated with the efficiency efforts. It has identified the number of additional full-time equivalent students that the system institutions can serve with existing resource levels and an increased faculty workload. UMBI is not a degree granting institution so it has not expected to serve additional students as part of the efficiency initiative. Also, although UMBI faculty may teach, they do not technically have instructional workloads and so are not included in the system's overall academic efficiency estimates.

Organizational Review of UMBI

As part of its systemwide efficiency initiative, the Board of Regents studied whether changes to the organization of its two research institutions – UMBI and UMCES – would better serve the institutions and the system as a whole. UMBI is a nondegree granting, research institution that is made up of five research centers. The organizational review evaluated the financial viability of UMBI since it does not generate tuition and the separation of UMBI from USM's educational mission. It was concluded that UMBI has sufficient indirect cost recovery from research grants and revenues from other sources to maintain its operations at current levels. The Chancellor recommended that UMBI remain a USM institution. However, it may be appropriate for the IHV, which has changed its focus from basic research to clinical research, to be realigned with another institution such as University of Maryland, Baltimore (UMB).

The USM office is leading the review process of this recommendation. It is collecting information from UMBI, IHV, and UMB in order to complete the review process in the spring of 2006. UMBI has currently identified some benefits and disadvantages of restructuring IHV. **The President should comment on the advantages and disadvantages of restructuring IHV with UMB.**

3. Personnel Studies Continue

The total UMBI workforce is currently 478 full-time equivalent regular and contractual employees. This includes filled and vacant positions. The fiscal 2007 allowance adds 60 positions bringing the total workforce to 538 employees, an increase of 12.5%. Of the new regular positions

(24), all are State-supported and are in the research program. **Exhibit 6** shows the classification of the 24 new regular positions. Two are faculty, 19 are exempt personnel, and 3 are nonexempt. Exempt personnel generally are higher paid administrators and managers and are exempt from overtime pay.

Exhibit 6
UMBI's New Positions by Classification
Fiscal 2007

	<u>Fiscal 2007</u>
Faculty	2
Exempt Staff	19
Nonexempt Staff	3
Total New Positions	24

Source: University System of Maryland

UMBI is carrying more vacant positions than were called for in fiscal 2006. The budget allows for a vacancy rate of 1.4%, or 6 positions. UMBI has a vacancy rate of 2.34%, or 10 positions, as of December 2005. The fiscal 2007 allowance provides a vacancy rate of 1.44%, or 6 positions.

Since UMBI classifies all of its personnel as research, the Department of Legislative Services (DLS) cannot evaluate changes in the composition of personnel by program, which include operations and maintenance of physical plant, institutional support, and public service. However, DLS evaluated personnel across USM – including UMBI – by faculty, exempt, and nonexempt categories. These numbers are for filled regular positions only.

At UMBI, faculty account for 26% of the total employees in fiscal 2006. UMBI does not have instructional faculty, so all of these personnel are research faculty. For USM as a whole, the faculty proportion is 39%. Exempt personnel, who generally are higher paid administrators and managers and are exempt from overtime pay, have the largest share of the total at UMBI, at 51%. UMBI reports that it has more exempt staff than the more traditional USM institutions because it does not provide the student services, such as housing, food services, and recreation, that other institutions do. The exempt personnel at UMBI are administrators and research staff. Exempt personnel make up 33% of personnel for USM as a whole. UMBI's non-exempt personnel account for 24% of the total. This is lower than USM, which has 28% non-exempt personnel.

Recommended Actions

1. Adopt the following narrative:

Study of the Administrative Association of the Institute for Human Virology: The University System of Maryland (USM) is studying the structure of the Institute for Human Virology (IHV) and whether it would be more appropriate for IHV to be associated with the University of Maryland, Baltimore instead of with the University of Maryland Biotechnology Institute. The committees request that USM report on its findings and whether it will make changes to the structure of IHV.

Information Request	Author	Due Date
Study of the Institute for Human Virology's structure	USM Office	September 1, 2006

2. Adopt the following narrative:

Report on UMBI's Efforts to Identify a Performance Peer: The University of Maryland Biotechnology Institute (UMBI) has been researching possible performance peers with which it can compare itself. The committees request that UMBI report on its findings and whether it has identified any peers.

Information Request	Author	Due Date
Identification of UMBI's performance peers	UMBI	October 1, 2006

Updates

1. New Strategic Plan

UMBI completed its 2015 strategic plan this year to guide the institute towards fulfilling its mission and goals. The plan emphasizes strategies to allow UMBI to remain competitive for funding support in an environment of changing needs and priorities, which has resulted in a shift in the funding profile. The plan also incorporates the importance of research with real life impact and not just data. UMBI's Managing for Results has been revised to reflect the goals contained in the strategic plan.

2. Facility Maintenance

In 1992 the USM Board of Regents adopted a policy on facility renewal that required USM institutions to spend 2% of the current replacement value of capital assets on facility renewal. The policy stipulated that this spending level be reached in five years or as soon as funding levels allowed. After 13 years, the average systemwide spending for facility renewal is still less than 1% of the replacement value. USM institutions have, therefore, accumulated a \$1.7 billion backlog of facility maintenance needs.

The Board of Regents has adopted a new policy aimed at steadily moving towards the 2% goal in a timely manner. The new policy stipulates that each institution will annually increase operating expenditures by 0.2% (annual five-year average) of the replacement value of all capital assets until it reaches the 2% goal. For institutions, such as UMBI, at which tuition represents less than 25% of the State-supported budget, the increment will be half of that, or 0.1%. The fiscal 2007 allowance provides UMBI \$0.2 million for facility renewal efforts. This is the first year in which UMBI is receiving funds planned for facility renewal.

Current and Prior Year Budgets

Current and Prior Year Budgets University of Maryland Biotechnology Institute (\$ in Thousands)

	General Fund	Other Unrestricted Fund	Total Unrestricted Fund	Restricted Fund	Total
Fiscal 2005					
Legislative Appropriation	\$14,891	\$11,411	\$26,302	\$20,000	\$46,302
Deficiency Appropriation	0	0	0	0	0
Budget Amendments	138	5,615	5,753	7,500	13,253
Reversions and Cancellations	0	-2,113	-2,113	-1,673	-3,786
Actual Expenditures	\$15,029	\$14,913	\$29,942	\$25,827	\$55,769
Fiscal 2006					
Legislative Appropriation	\$17,173	\$14,048	\$31,221	\$25,000	\$56,221
Budget Amendments	170	4,220	4,390	2,500	6,890
Working Appropriation	\$17,343	\$18,268	\$35,611	\$27,500	\$63,111

Note: Numbers may not sum to total due to rounding.

Fiscal 2005

UMBI's general funds increased \$0.138 million through budget amendment for State employee cost-of-living (COLA) increases. Other unrestricted funds increased \$5.6 million also through budget amendments. Of this net amount, increases included \$2.5 million from a transfer from fund balance primarily for faculty recruiting, renovations at IHV, and equipment replacement, \$2.4 million from sales and services from educational activities related to grant activity between UMBI and UMB, \$0.7 million in miscellaneous income, and \$0.4 million in private gifts and grants. The decreases included \$0.4 million from indirect cost recovery.

Restricted funds increased \$7.5 million through budget amendment. Of this amount, increases included \$3.5 million in additional State contracts and grants primarily due to sub-grants from UMB to IHV, \$2.0 million in federal contracts and grants, and \$2.0 million in private contracts and grants.

At the end of fiscal 2005, cancellations for other unrestricted funds totaled \$2.1 million. These cancellations were primarily due to \$0.8 million for a recruitment package for a new director of the CARB facility that was not needed during fiscal 2005, \$0.4 million in less than anticipated fringe benefit costs for employees, and \$0.4 million in savings for scientific replacement and additions at IHV by using the USM revolving equipment loan program. There were also \$1.7 million of cancellations for restricted funds related to contract and grant spending.

Fiscal 2006

For fiscal 2006, general funds increased \$169,538 through budget amendment for COLA increases. Other unrestricted funds increased through budget amendment by \$4.2 million. The increase included \$2.4 million from a transfer from fund balance, and \$1.2 million from miscellaneous income related to a National Institute of Standards and Technology reimbursement. The remaining increase was due to indirect cost recovery and sales and services of educational activities. Restricted funds increased through budget amendment by \$2.5 million due to contract and grant revenue.

Audit Findings

Audit Period for Last Audit:	April 13, 2000 – February 13, 2003
Issue Date:	August 2003
Number of Findings:	8
Number of Repeat Findings:	4
% of Repeat Findings:	50%
Rating: (if applicable)	n/a

Finding 1: **Grants: Adequate collection efforts were not performed for certain delinquent grant reimbursement requests.**

Finding 2: Information Systems: UMBI lacked an information security plan.

Finding 3: Information Systems: UMBI’s network was not adequately protected from security risks

Finding 4: Information Systems: Backup and offsite storage procedures for critical network servers and devices were not adequate.

Finding 5: **Cash Receipts: Controls over collections received by one unit were not sufficient.**

Finding 6: **Equipment: Procedures for conducting physical inventories and maintaining detail records were insufficient at one center.**

Finding 7: **Corporate Purchasing Cards: Many individual credit limits were excessive.**

Finding 8: Payroll: Timesheets were not always signed by employees or approved by supervisory personnel.

*Bold denotes item repeated in full or part from preceding audit report.

**Object/Fund Difference Report
USM – University of Maryland Biotechnology Institute**

<u>Object/Fund</u>	<u>FY05 Actual</u>	<u>FY06 Working Appropriation</u>	<u>FY07 Allowance</u>	<u>FY06 - FY07 Amount Change</u>	<u>Percent Change</u>
Positions					
01 Regular	405.75	415.75	439.75	24.00	5.8%
02 Contractual	62.48	62.48	98.10	35.62	57.0%
Total Positions	468.23	478.23	537.85	59.62	12.5%
Objects					
01 Salaries and Wages	\$ 35,171,192	\$ 37,854,053	\$ 39,612,674	\$ 1,758,621	4.6%
02 Technical & Spec Fees	378,521	242,710	57,710	-185,000	-76.2%
03 Communication	408,795	284,619	284,619	0	0%
04 Travel	689,010	568,982	568,982	0	0%
06 Fuel & Utilities	2,672,259	3,247,798	3,963,115	715,317	22.0%
07 Motor Vehicles	60,012	19,735	19,735	0	0%
08 Contractual Services	8,146,960	7,889,908	8,894,634	1,004,726	12.7%
09 Supplies & Materials	5,130,110	5,910,487	4,137,909	-1,772,578	-30.0%
10 Equip - Replacement	0	305,000	5,000	-300,000	-98.4%
11 Equip - Additional	1,045,539	2,680,367	2,180,367	-500,000	-18.7%
12 Grants, Subsidies, and Contributions	86,164	213,175	213,175	0	0%
13 Fixed Charges	725,885	3,374,525	3,410,995	36,470	1.1%
14 Land & Structures	1,254,457	518,190	260,631	-257,559	-49.7%
Total Objects	\$ 55,768,904	\$ 63,109,549	\$ 63,609,546	\$ 499,997	0.8%
Funds					
40 Unrestricted Fund	\$ 29,942,226	\$ 35,609,549	\$ 36,109,546	\$ 499,997	1.4%
43 Restricted Fund	25,826,678	27,500,000	27,500,000	0	0%
Total Funds	\$ 55,768,904	\$ 63,109,549	\$ 63,609,546	\$ 499,997	0.8%

Fiscal Summary
USM – University of Maryland Biotechnology Institute

<u>Program/Unit</u>	<u>FY05 Actual</u>	<u>FY06 Wrk Approp</u>	<u>FY07 Allowance</u>	<u>Change</u>	<u>FY06 - FY07 % Change</u>
02 Research	\$ 55,768,904	\$ 63,109,549	\$ 63,609,546	\$ 499,997	0.8%
Total Expenditures	\$ 55,768,904	\$ 63,109,549	\$ 63,609,546	\$ 499,997	0.8%
Unrestricted Fund	\$ 29,942,226	\$ 35,609,549	\$ 36,109,546	\$ 499,997	1.4%
Restricted Fund	25,826,678	27,500,000	27,500,000	0	0%
Total Appropriations	\$ 55,768,904	\$ 63,109,549	\$ 63,609,546	\$ 499,997	0.8%