

R30B35
University of Maryland Biotechnology Institute
University System of Maryland

Operating Budget Data

(\$ in Thousands)

	FY 04	FY 05	FY 06	FY 05-06	% Change
	<u>Actual</u>	<u>Working</u>	<u>Allowance</u>	<u>Change</u>	<u>Prior Year</u>
General Funds	\$14,897	\$15,029	\$17,173	\$2,144	14.3%
Other Unrestricted Funds	9,732	17,027	14,049	-2,977	-17.5%
Total Unrestricted Funds	24,629	32,055	31,222	-833	-2.6%
Restricted Funds	<u>17,983</u>	<u>25,000</u>	<u>25,000</u>	<u>0</u>	
Total Funds	\$42,612	\$57,055	\$56,222	-\$833	-1.5%
Adjusted Total	\$42,612	\$57,055	\$56,222	-\$833	-1.5%

- General funds increase \$2.1 million, or 14.3%, in the fiscal 2006 allowance. Most of the additional funds will support operation of a second building for the Center for Advanced Research in Biotechnology.

Personnel Data

	FY 04	FY 05	FY 06	FY 05-06
	<u>Actual</u>	<u>Working</u>	<u>Allowance</u>	<u>Change</u>
Regular Positions	300.63	405.75	415.75	10.00
Contractual FTEs	<u>56.61</u>	<u>62.48</u>	<u>62.48</u>	<u>0.00</u>
Total Personnel	357.24	468.23	478.23	10.00

Vacancy Data: Regular Positions

Turnover, Excluding New Positions	12.14	2.92%
Positions Vacant as of 12/31/04	7.79	1.90%

- The fiscal 2006 allowance includes 10 additional regular positions for the new Center for Advanced Research in Biotechnology building. No additional contractual positions are in the allowance.

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

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Analysis in Brief

Major Trends

Research Funding Is Rising: Extramural research funding is flourishing, rising from \$17 million in fiscal 2000 to \$32 million in 2004.

K-12 Educational Objectives Exceeded: The University of Maryland Biotechnology Institute (UMBI) has exceeded its goals for K-12 students and teachers participating in hands-on science and technology education programs.

Issues

Measuring Performance Is Difficult without Peers: UMBI has a different structure from research institutes in other states in that it is not affiliated with a single university. This unique structure makes it difficult to conduct comparisons and measure performance.

UMBI Will Participate in System's Administrative Efficiency Initiatives: The University System of Maryland (USM) has begun an ambitious efficiency initiative. UMBI's share of the administrative savings is estimated at \$195,768.

Personnel Surpasses 2002 Level: The total UMBI workforce has surpassed the level it was before the cost containment measures of the last several years. Research faculty account for 30% of UMBI's filled regular positions in fiscal 2005, as compared to instructional faculty's 38% 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 and the University of Maryland Center for Environmental Science.

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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; and
- **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

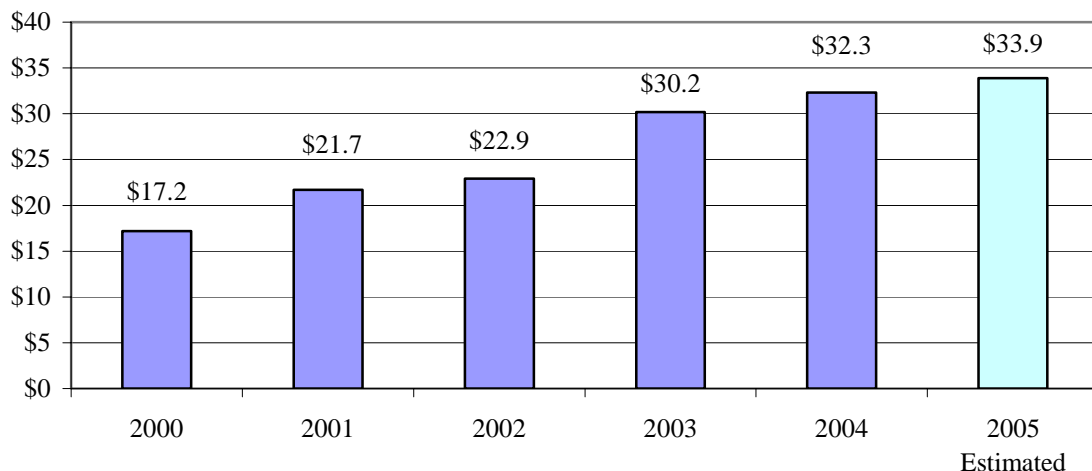
Research is central to the mission of UMBI. The institution’s research performance measures generally are on track. For example, the number of industry-sponsored research agreements increased to 23 in fiscal 2004, which is above the objective of at least 20 per year.

Research Funding Is Rising

Extramural research funding is flourishing, rising from \$17 million in fiscal 2000 to \$32 million in 2004, as shown in **Exhibit 1**. The outlook for research funding at the Institute for Human Virology (IHV) center in particular is good. IHV recently received two significant federal grants from the President’s Emergency Plan for HIV/AIDS Relief. These grants increase IHV’s expected research awards from about \$60 million to more than \$200 million over the next five years.

UMBI continues to exceed its objective for obtaining at least seven patents per year. In fiscal 2004, nine patents were issued to UMBI. At the same time, patent licensing fees and royalties have been increasing, rising from \$195,153 in fiscal 2000 to \$293,297 in 2004.

Exhibit 1
UMBI Extramural Research Funding
Fiscal 2000 – 2005
(\$ in Millions)



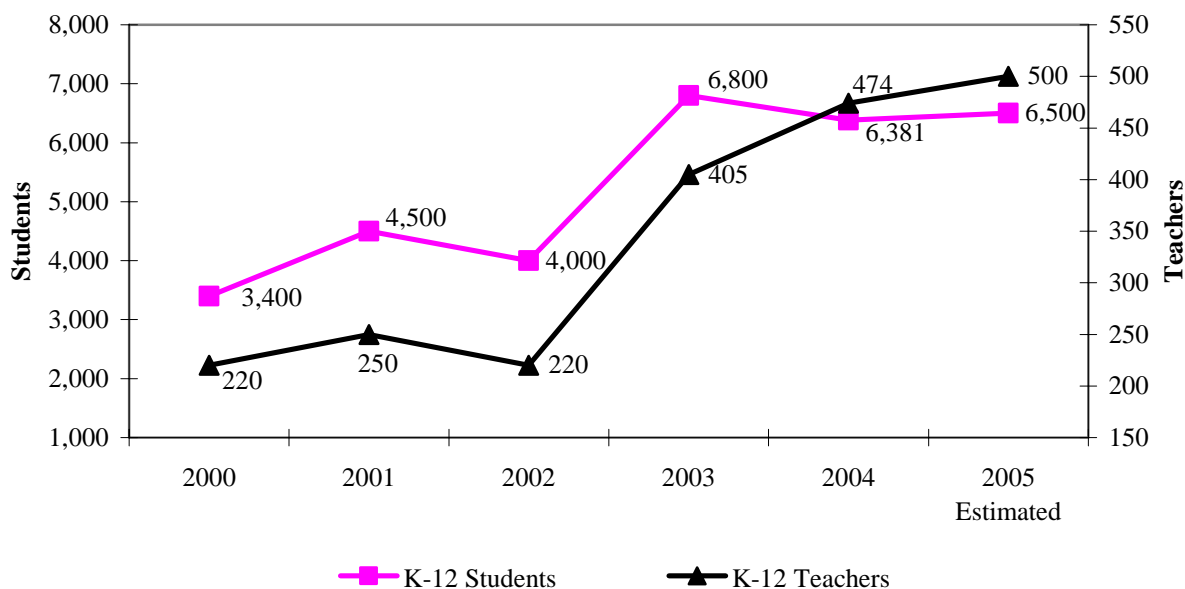
Source: University of Maryland Biotechnology Institute

K-12 Educational Objectives Exceeded

In addition to research, UMBI has a goal to provide training for the next generation of scientists in biotechnology. **Exhibit 2** shows that the institution has exceeded its goal to increase the number of K-12 students participating in hands-on science and technology education programs to 5,700 annually. As of fiscal 2004, the number of students was 6,381. The objective to increase the number of teachers participating in these programs to 300 annually also has been exceeded – reaching 474 in fiscal 2004.

As part of its education efforts, UMBI aims to increase its joint programs in biotechnology-related fields with Maryland’s historically black higher education institutions. The number of joint programs has been holding steady at four, meeting the institution’s objectives.

Exhibit 2
K-12 Students and Teachers Participating in Environmental Education Programs



Source: University of Maryland Biotechnology Institute

Governor's Proposed Budget

The general fund allowance for fiscal 2006 is \$2.1 million above the 2005 level, an increase of 14.3%, as shown in **Exhibit 3**. UMBI reports that it intends to use most of the additional general funds for operating and maintenance costs at its Center for Advanced Research in Biotechnology second building (CARB II), which is scheduled to open in fall 2005.

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

	FY 04	FY 05	FY 06	FY 05-06	% Change
	<u>Actual</u>	<u>Working</u>	<u>Allowance</u>	<u>Change</u>	<u>Prior Year</u>
General Funds	\$14,897	\$15,029	\$17,173	\$2,144	14.3%
Other Unrestricted Funds	9,732	17,027	14,049	-2,977	-17.5%
Total Unrestricted Funds	24,629	32,055	31,222	-833	-2.6%
Restricted Funds	17,983	25,000	25,000	0	0.0%
Total Funds	\$42,612	\$57,055	\$56,222	-\$833	-1.5%

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

Other unrestricted funds in the allowance decrease by \$3 million. The 2005 revenues were higher primarily because of a \$3.8 million transfer from fund balance. Only \$0.9 million is budgeted for a transfer from fund balance in fiscal 2006. Considering all increases and decreases in the allowance, total unrestricted funds decline \$0.8 million. Overall, the UMBI budget declines 1.5%.

The UMBI State-supported budget by program is shown in **Exhibit 4**. State-supported funds account for nearly 40% of UMBI's total budget. Of the State-supported amount, general funds are about 80%.

Two significant changes are reflected in the UMBI allowance that are different from the fiscal 2002 to 2005 spending patterns. The first is a result of UMBI's CARB II facility that will open in fall 2005. Expenditures for physical plant increase 49.5% as a result of this facility opening. CARB II represents a major budget concern for UMBI because the facility's operating costs will be about \$2 million annually.

Secondly, large fund balance amounts were tapped in fiscal 2002 as well as 2003 to cover UMBI's operating expenses. The general fund increase in the allowance will provide UMBI with enough funds so it does not intend to use fund balance.

Exhibit 4
UMBI State-supported Budget Changes by Program
Fiscal 2002, 2005, and 2006
(\$ in Thousands)

<u>Expenditures</u>	<u>FY 02</u>	<u>FY 05 Working</u>	<u>FY 02-05 % Change</u>	<u>FY 06 Allowance</u>	<u>FY 05-06 Change</u>	<u>FY 05-06 % Change</u>
Research	\$9,600	\$10,189	6.1%	\$10,139	-\$50	-0.5%
Plant	4,967	4,251	-14.4%	6,356	2,105	49.5%
Institutional support	4,053	4,844	19.5%	4,883	39	0.8%
Public service	262	292	11.6%	292	0	0.0%
Total	\$18,882	\$19,577	3.7%	\$21,671	\$2,094	10.7%
Revenues						
General Funds	\$16,468	\$15,029	-8.7%	\$17,173	\$2,144	14.3%
Other State Support	4,067	4,498	10.6%	4,498	0	0.0%
Use of Fund Balance	-1,653	50	-103.0%	0	-50	-100.0%
Total	\$18,882	\$19,577	3.7%	\$21,671	\$2,094	10.7%

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.

As part of its systemwide efficiency initiative, the Board of Regents is studying whether changes to USM's two research institutions – UMBI and the University of Maryland Center for Environmental Science (UMCES) – might better serve the institutions and the system as a whole. The independent structure allows UMBI and UMCES to focus on research and thus recruit top-notch scientists. At the same time, their disadvantage is an inability to generate tuition revenue. **The Department of Legislative Services (DLS) recommends that the USM office report on the findings of its study concerning the structure of UMBI and UMCES.**

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 UMCES has peer institutions identified.

UMCP College of Life Sciences Provides Some Context

Since no peer comparisons are possible at this point, looking at the characteristics of another entity engaged in life sciences research can begin to provide context for UMBI's work. The University of Maryland, College Park (UMCP) College of Life Sciences is such an entity. The college has departments for biology, cell biology and molecular genetics, chemistry and biochemistry, and entomology. Although there is some common ground, UMBI encompasses a broader range of disciplines.

UMBI and the College of Life Sciences have similar size operating budgets, as shown in **Exhibit 5**, but UMBI has more research space. Exhibit 5 also includes characteristics of the two organizations related to research, technology transfer, education, and public service.

UMBI has only two-thirds the faculty that the College of Life Sciences has. However, faculty at the college dedicate nearly half their time to teaching, while UMBI faculty devote most of their time to research. In addition to the graduate students educated at the college indicated in Exhibit 5, it had 2,138 undergraduate majors in fiscal 2003 and 2,227 in 2004.

Generally, UMBI faculty fulfill their instructional role by hiring graduate students to help them conduct their research at the labs. Some UMBI faculty may have adjunct teaching positions at another institution, and some may even teach courses at other institutions without receiving salary compensation because they want access to talented graduate students whom they could recruit to work on research projects. The students benefit from these arrangements by gaining access to special research opportunities.

Exhibit 5
Characteristics of UMBI and the College of Life Sciences at UMCP
Fiscal 2003 and 2004

	UMBI		UMCP College of Life Sciences	
	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2003</u>	<u>FY 2004</u>
Number of Faculty	75	79	114	119
Total Operating Expenditures (\$ in Millions)	\$44.9	\$42.6	\$43.3	\$43.1
Unrestricted	\$26.6	\$24.6	\$21.4	\$21.6
Restricted	\$18.3	\$18.0	\$22.0	\$21.4
Extramural research funds (\$ in Millions)	\$30.2	\$32.3	\$23.5	\$22.6
Number of industry sponsored research agreements	19	23	26	41
Patent applications filed	50	51	7	18
Patents issued to institution	20	9	7	2
Active patent licenses	15	17	29	32
Licenses with Maryland companies	1	2	10	11
Licenses with non-Maryland companies	14	15	19	21
Number of licenses yielding income	not available	not available	12	13
Licensing fees and royalties (annual)	\$296,500	\$293,297	\$48,923	\$89,843
Start-up companies formed	1	0	0	1
Start-ups in Maryland	1	0	0	0
Non-Maryland start-ups	0	0	0	1
Cumulative number of start-ups still operating	6	5	4	5
Start-ups still operating in Maryland	4	4	4	4
Non-Maryland start-ups still operating	2	1	0	1
Technology transfer expenditures	\$890,000	\$904,000		\$302,096 ¹
Graduate students employed or taught ²	65	65	654	687
Number of K-12 teachers served through public service programs	405	474	397	466

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	UMBI		UMCP College of Life Sciences	
	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2003</u>	<u>FY 2004</u>
Number of joint programs with historically black institutions	4	4	4	4
New joint research programs with other Maryland institutions	3	4	2	2

UMCP = University of Maryland, College Park

¹ Based on UMCP's total technology transfer budget of \$827,661 in fiscal 2004. Technologies at the College of Life Sciences accounted for 36.5% of the budget in fiscal 2004.

² Graduate students on UMBI payroll and count of graduate majors at the College of Life Sciences.

Note: The College of Life Sciences at UMCP cannot serve as a peer institution to UMBI because each institution has a different educational mission and UMBI encompasses a larger range of disciplines.

Source: University of Maryland Biotechnology Institute; University of Maryland, College Park

University of Michigan Institute May Offer Elements for Comparison

UMBI has indicated that the University of Michigan's (U-M) Life Sciences Institute may offer some elements for comparison. The U-M institute was launched in 1999 as a free-standing entity, and its 230,000 square foot research facility was completed in fall 2003. U-M's institute has about 30 faculty, which is half the total anticipated level, and the faculty have dual appointments with U-M academic units.

No State funds are provided to the U-M institute; instead, it was given a \$100 million founding endowment from the university (at that time, the university's endowments – like the stock market generally – were performing well). The institute's endowment generates about half of the funds needed to cover its \$10 million in annual operating costs. Other funding sources include indirect cost recovery from research funds and private fundraising.

The President should comment on the outlook for the U-M institute or other institutions as a peer for UMBI.

2. UMBI Will Participate in System’s Administrative Efficiency Initiatives

Given the continuing constrained State fiscal environment, the USM Board of Regents examined how the system can improve its efficiency. After more than a year of study, USM unveiled its efficiency and effectiveness plan in October 2004. The system will pursue more than a dozen initiatives beginning in fiscal 2006, and some of them will continue through 2008.

In its report, USM estimates fiscal effects for administrative and academic efficiency initiatives. Across USM institutions, administrative cost savings are expected to be \$17.1 million in fiscal 2006. These savings are built into the 2006 allowance, meaning estimates of mandatory cost increases would be \$17.1 million higher without the efficiency savings.

UMBI’s share of the administrative savings is estimated at \$195,768. To achieve these savings, UMBI will attempt to maximize indirect cost recovery on research projects, for example, and will benefit from systemwide energy procurement agreements. The savings at UMBI will be smaller than other institutions because UMBI does not receive tuition and fee revenues.

To estimate the fiscal effects of academic initiatives, the USM Office identified the number of additional full-time equivalent students that system institutions can serve with existing resource levels as a result of the efficiency efforts. Most of the academic effects will be realized through increases in faculty instructional workload. 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. **The President should comment on how UMBI will achieve its administrative efficiency target, and whether any academic efficiency initiatives are planned.**

3. Personnel Surpasses 2002 Level

The total UMBI workforce has surpassed the level it was before recent cost containment measures. In fiscal 2002, full-time equivalent regular and contractual personnel totaled 396, and in 2005 the total is 478. These numbers include filled and unfilled positions.

UMBI is carrying fewer vacant positions than called for in its fiscal 2005 budget. The budget allows for a vacancy rate on existing positions of 2.9%, but UMBI had a vacancy rate of 1.9% as of December 2004.

Since UMBI classifies all of its personnel as research, 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 non-exempt categories. These numbers are for filled regular positions only.

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At UMBI, faculty account for 30% of the fiscal 2005 total. UMBI does not have instructional faculty, so all of these personnel are research faculty. For USM as a whole, the faculty proportion is 38%. 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 46%. UMBI reports that many of its exempt personnel are not administrative but are professional-level research staff. Exempt personnel make up 32% of personnel for USM as a whole. UMBI's non-exempt personnel account for 24% of the total. UMBI reports that it contracts out to UMCP or the University of Maryland, Baltimore work that often is performed by non-exempt personnel.

Recommended Actions

1. Adopt the following narrative:

Study of Research Institutes' Structure: The University System of Maryland (USM) is studying the structure of its two research institutes – the University of Maryland Biotechnology Institute and the University of Maryland Center for Environmental Science – to determine whether a different structure might better serve the institutions and the system. The committees request that USM report on its findings and whether it will make changes to the institutes' structures.

Information Request	Author	Due Date
Study of research institutes' structure	USM Office	September 1, 2005

Current and Prior Year Budgets

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

	<u>General Fund</u>	<u>Other Unrestricted Fund</u>	<u>Total Unrestricted Fund</u>	<u>Restricted Fund</u>	<u>Total</u>
Fiscal 2004					
Legislative Appropriation	\$15,371	\$9,998	\$25,369	\$17,598	\$42,967
Deficiency Appropriation	0	0	0	0	0
Budget Amendments	0	2,129	2,129	3,902	6,031
Cost Containment	-475	0	-475	0	-475
Reversions and Cancellations	0	-2,394	-2,394	-3,517	-5,911
Actual Expenditures	\$14,897	\$9,732	\$24,629	\$17,983	\$42,612
Fiscal 2005					
Legislative Appropriation	\$14,891	\$11,411	\$26,302	\$20,000	\$46,302
Budget Amendments	138	5,615	5,753	5,000	10,753
Working Appropriation	\$15,029	\$17,027	\$32,055	\$25,000	\$57,055

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

Fiscal 2004

UMBI's general funds were reduced \$0.5 million in fiscal 2004 through the Governor's July 2003 cost containment action. Other unrestricted funds increased \$2.1 million through budget amendments. Of this net amount, increases include \$1.7 million from increased indirect cost recovery, \$0.6 million from sales and services of educational activity, and \$0.6 million from a transfer from fund balance. Although the USM office instituted a policy to build up fund balance, it authorized UMBI's use of fund balance for certain one-time expenses at CARB and CARB II.

Decreases include \$0.6 million from other unrestricted income sources and \$0.1 million to represent the amount of the General Assembly's general fund reduction in fiscal 2004. This amount was not originally deducted from the total unrestricted fund appropriation so an adjustment was needed.

Restricted funds increased \$3.9 million through budget amendment to accommodate additional expected contracts and grants.

At the end of fiscal 2004, UMBI cancelled \$2.4 million in unrestricted funds. Of this amount, \$0.8 million was for the recruitment package for a new CARB director but the position was not yet filled. Another \$0.8 million was from CARB maintenance and CARB II construction management payments that were not due until fiscal 2005. Also, fringe benefit costs came in \$0.4 million lower than expected, and designated research initiative expenses were \$0.5 million lower than expected.

Cancellations for restricted funds totaled \$3.5 million. Of this amount, \$2.4 million was from indirect cost recovery that had to be cancelled due to an erroneous accounting entry. The remaining \$1.1 million was from lower than expected contract and grant expenditures.

Fiscal 2005

For fiscal 2005, UMBI general funds increased \$0.1 million for the State employee cost-of-living increase. Other unrestricted funds have increased \$5.6 million. Of this net amount, the largest increases are a \$2.5 million transfer from fund balance and \$2.4 million in sales and services of educational activities. The fund balance transfer has been approved to cover CARB II construction management fees, equipment replacement, faculty recruitment funds, and building maintenance at CARB. Decreases total \$0.4 million and are from lower than expected indirect cost recovery.

Restricted funds have increased \$5 million due to additional expected federal, State, and private grants and contracts.

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)	

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>FY04 Actual</u>	<u>FY05 Working Appropriation</u>	<u>FY06 Allowance</u>	<u>FY05 - FY06 Amount Change</u>	<u>Percent Change</u>
Positions					
01 Regular	300.63	405.75	415.75	10.00	2.5%
02 Contractual	56.61	62.48	62.48	0	0%
Total Positions	357.24	468.23	478.23	10.00	2.1%
Objects					
01 Salaries and Wages	\$ 26,909,765	\$ 36,004,977	\$ 36,645,809	\$ 640,832	1.8%
02 Technical & Spec Fees	88,737	64,210	64,210	0	0%
03 Communication	425,598	323,966	401,285	77,319	23.9%
04 Travel	638,815	568,540	568,540	0	0%
06 Fuel & Utilities	2,438,116	2,573,503	3,567,979	994,476	38.6%
07 Motor Vehicles	103,409	16,345	16,345	0	0%
08 Contractual Services	4,184,112	9,271,024	7,684,380	-1,586,644	-17.1%
09 Supplies & Materials	5,564,631	4,846,693	4,783,291	-63,402	-1.3%
10 Equip - Replacement	0	5,000	5,000	0	0%
11 Equip - Additional	1,153,237	1,744,724	1,501,008	-243,716	-14.0%
12 Grants, Subsidies, and Contributions	203,721	137,190	137,190	0	0%
13 Fixed Charges	614,659	101,649	101,649	0	0%
14 Land & Structures	287,231	1,397,190	745,190	-652,000	-46.7%
Total Objects	\$ 42,612,031	\$ 57,055,011	\$ 56,221,876	-\$ 833,135	-1.5%
Funds					
40 Unrestricted Fund	\$ 24,628,801	\$ 32,055,011	\$ 31,221,876	-\$ 833,135	-2.6%
43 Restricted Fund	17,983,230	25,000,000	25,000,000	0	0%
Total Funds	\$ 42,612,031	\$ 57,055,011	\$ 56,221,876	-\$ 833,135	-1.5%

Note: The fiscal 2005 appropriation does not include deficiencies, and the fiscal 2006 allowance does not reflect contingent reductions.

Fiscal Summary
USM – University of Maryland Biotechnology Institute

<u>Program/Unit</u>	<u>FY04 Actual</u>	<u>FY05 Wrk Approp</u>	<u>FY06 Allowance</u>	<u>Change</u>	<u>FY05 - FY06 % Change</u>
02 Research	\$ 42,612,031	\$ 57,055,011	\$ 56,221,876	-\$ 833,135	-1.5%
Total Expenditures	\$ 42,612,031	\$ 57,055,011	\$ 56,221,876	-\$ 833,135	-1.5%
Unrestricted Fund	\$ 24,628,801	\$ 32,055,011	\$ 31,221,876	-\$ 833,135	-2.6%
Restricted Fund	17,983,230	25,000,000	25,000,000	0	0%
Total Appropriations	\$ 42,612,031	\$ 57,055,011	\$ 56,221,876	-\$ 833,135	-1.5%

Note: The fiscal 2005 appropriation does not include deficiencies, and the fiscal 2006 allowance does not reflect contingent reductions.