



State of California
Memorandum

Date: January 27, 2009

To: College of Science and Mathematics

From: Philip S. Bailey, Dean

College of Science and Mathematics

Subject: Distribution of College-Based Fee Revenues for 2008-09

College of Science and Mathematics

**Addendum Approved at November 12, 2008 Meeting:
See addendum in bold under Distribution of Funds**

This memo conveys my decisions for distribution of College Based Fee revenues for 2008-09. I want to extend my appreciation to the college committee as well as the students and members of the faculty and staff who composed the department College-Based Fee Committees. Thanks also to the College of Science and Mathematics Student Council for monitoring the process. The College-Based Fee has encouraged a partnership and engagement among our students, faculty, and staff in advancing our college, departments, and programs and securing our future. Again, thanks to all involved.

The original proposal for the College-Based Fee, overwhelmingly approved by College of Science and Mathematics students in March, 2002, stated the following priority needs for support:

- Instrumentation and Equipment.
- Faculty Recruitment and Development
- Student Research
- Access to Classes

Since this time, almost nine million dollars has been distributed to our six departments for these general purposes. This has made a huge difference in every thing we do and is particularly visible in the quality of our student-faculty research programs and the equipment we have in our laboratories. Again this year, the proposals for 2008-09 are excellent.

Distribution of fee revenues is based on need, nature and quality of proposal, and student headcount by department. The ultimate goal is for each department, over time and regardless of size, to achieve a clearly recognizable level of distinction because of the College-Based Fee.

Projected College-Based Fee Revenues for 2008-09

We are projecting the following enrollments for 2008-09 in the College of Science and Mathematics:

Projected Headcount Enrollments: College of Science and Mathematics 2008-09

Summer 2008: 480

Fall 2008: 2094

Winter 2009: 2017

Spring 2009: 1947

- College-Based Fee for students taking greater than eight units in summer is \$242 per quarter; others summer students pay fees of \$121 per quarter. In the summer as few as one-third of students may be taking more than eight units.
- College-Based Fee for students taking greater than six units in fall, winter or spring is \$252 per quarter; others pay fees of \$126 per quarter. During the academic year we anticipate approximately 98% of College of Science and Mathematics students will be taking more than six units.
- A small number of students qualify for fee waivers (less than 0.2%).

Based on these estimates, we project the following College-Based Fee revenues for the College of Science and Mathematics:

2008-09 Projected Revenues: \$1,582,118

Because of over-enrollment during 2007-08, a relatively large amount of unanticipated funds were collected but not allocated. These can be used in 2008-09.

2007-08 Unallocated Revenues: \$207,226

A reasonable estimate for distribution in 2008-09 is:

2008-09 Available for Allocation: \$1,780,000

Distribution of Fee Revenues

Proposals from departments

Department	Requested
Biological Sciences	\$535,529
Chemistry and Biochemistry	\$516,164
Kinesiology	\$353,840
Mathematics	\$155,600
Physics	\$185,000
Statistics	\$52,000
College: Access to Classes	\$185,000
Total:	\$1,986,133

I submitted two proposals as dean.

- \$185K to enhance access to science and mathematics classes for students majoring in our college during 2008-09 (shown in table of proposals). This is requested because of the challenging budget situation in California resulting from huge budget deficits and the severe cuts in budget proposed for the California State University. In addition to this, I have asked the departments to include in their proposals a total of \$265K for access to classes to become part of the college budget.
- \$400K per year for six years to purchase equipment for the new Center for Science and Mathematics). This is necessary to ensure we comply with a large foundation grant (\$7M) that has fundraising stipulations and that we equip the building with modern instrumentation under the conditions of very challenging state funding for the project. The programs in chemistry, physics, and biotechnology will have facilities in the new building and equipment requested would come out of this \$400K with corresponding lowering of the department allocation.

Here are allocations for 2008-09:

CSM CBF 2008-09 Allocations*

Department	Requested
Biological Sciences	\$480,000
Chemistry and Biochemistry	\$140,000
Kinesiology	\$305,000
Mathematics	\$115,000
Physics	\$150,000
Statistics	\$45,000
College: Access to Classes	\$185,000
Total:	\$1,986,133
Center for Science and Mathematics Instrumentation****	\$360,000
Chemistry: \$342,500K; Physics: \$117,500K	
Total:	\$1,780,000

*Of the above allocations, the following amounts must be used for direct instruction to increase access to classes and will become part of the College budget: Biological Sciences: \$156K; Chemistry and Biochemistry: \$72K; Kinesiology: \$78K; Mathematics: \$48K; Physics: \$54K; and Statistics: \$13K.

*The Mathematics Department set aside \$40K to rent space for a club room. This has been subtracted but a room has been identified, Room E6 in Bldg 52. It is slightly smaller than the current space for the club but there is a possibility that the outer area would also be available (E6A) in which case, the total space would be larger.

***This is allocated (hopefully for this year only) in recognition of budget cuts that will affect access to classes. If the situation improves, we will consider distribution of this to the departments.

****This is for equipment in the Center for Science and Mathematics and cannot be used for anything else. Chemistry is expected to purchase a 300MHz NMR; the most recent price with important supplements is a little over \$250K. In addition, Chemistry will purchase equipment for the biochemistry program with specific funding here for J301 Centrifuge, JA 30.50 Fixed Angle Titanium Rotor, JA 9.1000 Rotor Package, Gel Documentation, Refrig Microfuge, MicroFuge, and Tabletop Incubator/Shaker. Physics will purchase Photon Correlation/Bell's Inequality Apparatus and a Laser for Phys 342 and Fiber Optics update for Phys 323.

In addition, up to \$400K per year for period 2007-2012 will be committed from College Based Fee in support of the Center for Science and Mathematics for equipment and attracting and complying with grant awards. The Committee will be relieved of this commitment if it becomes unnecessary.

November 12, 2009 Addendum:

The 2008-09 College Based Fee Committee agreed that the committed \$400K per year for 2007-12 could be used in ways to support construction of the Center for Science and Mathematics if necessary.

Considerations in Expenditure of Fee Revenues

1. **Departmental Autonomy:** The departments will receive a dollar allocation and are authorized to spend it consistent with the intent of their proposals. They can re-prioritize or change aspects of the proposal (for example, substitute one piece of equipment for another) with appropriate internal consultation.
2. **Appropriate Consultation:** Each department should determine the extent of consultation required in implementation of the proposal. I would assume that minor deviations will be allowed the department chair without consultation, but major deviations, such as substitution of an expensive piece of equipment for another or a major change in priorities, will be subject to consultation with the department College-Based Fee committee. Complete departure from a proposed program should be discussed with the dean.
3. **Immediate but Phased Expenditures:** It is important that students recognize benefits of the college-based fee as soon as possible next year. Departments are encouraged to order equipment this summer and ensure that summer student research programs are sufficiently organized to begin in an efficient and timely manner. However, until we know Fall, 2007 enrollment and can more accurately estimate the probable fee revenues, we should limit our initial expenditures this summer and early fall to about 80% of the allocation.
4. **Expenditures to Benefit Science and Mathematics Majors:** The College-Based Fee is paid by and should primarily benefit students majoring in the College of Science and Mathematics. Because of the nature of the College, this is not completely possible but it is important that the departmental expenditures be directed for maximum benefit to our majors.
5. **Efficiency and Value in All Expenditures:** In both our college-based fee revenues and our state budget, we should strive to achieve value and efficiency in our expenditures.

2008-09 College- Based Fee Procedures and Timetables

- Spring 2008
 - June 3: 2008-09 College-Based Fee allocations finalized
- Fall 2008:
 - Early in Fall quarter, each department's College-Based Fee committee for 2008-09 should be formed.
- Winter 2009:
 - Department committees consult with students, faculty, and staff about needs and priorities for use of College-Based Fee revenues in 2009-10.
- Spring 2009:
 - Friday, May 1: Department CBF proposals and representatives to the College CBF committee due to the dean's office.
 - Tuesday, May 12: College CBF Committee meets. Departments present proposals. Dean consults with College committee.
 - Tuesday, May 19: Dean presents proposal for distribution of CBF revenues to the College CBF Committee.
 - Tuesday, June 2: 2009-10 CBF allocations finalized.