

COLLEGE OF SCIENCE AND TECHNOLOGY

Minutes of the Collegial Assembly
November 20, 2002

Dean Platsoucas called the meeting to order at 3:51 PM. The following were present:

Biology	CIS	Mathematics	Physics	Dean's Office
Giordano	Korsh	Chein	Dubeck	DeLio
Hillman, R.	Lafollette	Conrad, B.	Gawlinski	Platsoucas
	Stafford	Gil	Intemann	
Chemistry		Grinberg	Luehrmann	
	Geology	Nathan	Mihalisin	
Dalton		Raymon		
Jansen-Varnum	Myer			
Nicholson	Ulmer			

Dean's Report

Bylaws Dean Platsoucas reminded the Assembly that the revision of the Bylaws that were to be sent to University Counsel failed to be approved by the Assembly due to a lack of quorum. For the vote to be valid (according to the Bylaws) a total of 39 members had to cast votes. Only 28 votes were received. As a result, the College now operates under the University Standard Bylaws. Among the differences to note between the old CST Bylaws and the standard bylaws are the following:

- Dean's appointment faculty are members of the assembly with the Standard Bylaws, and not with the previous bylaws.
- The Executive Committee of the previous CST bylaws is replaced with the Advisory Committee of the College according to the Standard Bylaws. The Advisory Committee has two student representatives, as required by the Standard Bylaws, and a representative of the Dean's faculty will be added.
- Each committee has student representatives.

Chein made a motion to send the Bylaws to the members of the Assembly as presently constituted (including Dean's Appointments) for approval.

Nathan called the previous question. A point of information was requested. What are the criteria for approval in such a ballot, as prescribed by the Standard Bylaws? The Standard Bylaws specify that amendments may be proposed by the Dean after consultation with the Assembly or the Dean's Advisory Committee. Alternatively the Collegial Assembly may recommend amendments of the bylaws for review and approval by the Dean. The Assembly agreed that a $\frac{2}{3}$ majority vote constitutes approval by the Assembly. Nathan's motion to call the question passed, and vote on the Chein motion was 8 in favor, 9 opposed. The motion failed.

Introduction of new faculty. Drs. Antonio Giordano (Biology) and Allen Nicholson (Chemistry) were introduced. Both are associated with the Center for Biotechnology, and Dr. Nicholson will assume the chair of the Department of Chemistry on December 1.

State of the College Six searches have been authorized in the College, and the Dean stated that he would continue to press for additional searches in Mathematics and CIS. The searches are being conducted on an earlier schedule than in previous years, because the President requires that they must be complete by February 3, 2003.

The College continues to attract increasing grant support, and several faculty members who have had gaps in funding amounting to many years have obtained new support.

Enrollment in the College this year is up. There are now 2263 graduate and undergraduate students with majors in the departments that comprise the College; by comparison, the comparable figure for the fall 1998 semester was 1451. The average combined V/Q SAT score for CST students is now 1099; for the University as a whole, the average score is 1066. This increased enrollment has brought the College budget adjustments to partially compensate for the additional expense of running more sections. The College desperately needs to recruit more faculty to meet instructional demand.

Teaching Assistant stipends for CST graduate students have increased to the level of \$13,400 for nine months. This is not competitive as a twelve-month stipend, and the College is considering the establishment of research assistantships for the summer that will bring the total compensation of CST

graduate students to \$19,000 per year. This will facilitate recruiting of graduate students.

The College has been required to limit the per-credit pay rate for adjunct faculty to a maximum of \$1510 per credit hour taught. The figure \$1510 is the maximum rate paid per credit hour to faculty members on Presidential appointment for summer teaching.

The College and departments/centers receive shares of 10% and 16.5%, respectively, of the overhead collected on grants made to College faculty. These monies are reserved to fund startup packages for new faculty. An exception to this rule is that the departmental or center share is spent at the discretion of the department/center if the grant from which it was derived provides a substantial portion of the PI's salary.

Renovations of space are proceeding. The major project to renovate the north end of the fourth floor of the Bio-Life building (funded by a \$2 million NIH grant with a dollar for dollar match provided by the University) is in the architectural design phase. It is expected that construction will begin in September, 2003. The CIS department needs additional space.

Noting that the number of CST majors has increased, Nathan asked if we should impose admissions standards for the College. The Dean charged the Undergraduate Committee to explore this possibility.

Noting that Dean's appointments — whether on research or teaching, and either regular or SAF appointments — now belong to the Assembly, the Dean urged them to participate and to express their needs for faculty development.

The Dean asked the former chair of the CST Assembly, Dr. Leroy Dubeck, to chair the remainder of the meeting.

Committee Reports

Undergraduate Committee: Bob Stafford. The Committee has approved a 1-credit course, CIS 0050, that comprises the lab, but not the lecture, of CIS C055. This course is to meet the needs of students from the Business School in unusual circumstances. It will be cross-listed with existing labs, and will not have a significant impact on enrollment.

The Committee also approved prerequisite changes for certain courses, and the abolition of Mathematics 0117. Students who need to take three semesters of calculus must take either the C085-0086-0127 course sequence

or an honors sequence. **Jansen** voiced an objection to the abolition of Math 0117, because Chemistry majors are required to take a three-semester calculus sequence. Those who transfer in with credit for Math C075-0076 should not be required to take Math C085-0086, because they cannot receive duplicate credit for these course; yet they do not have the prerequisites for Math 0127. She asked for an explanation from the Math Department.

The Committee voted to reduce the credit for Mathematics 0045 to 0 credit hours, because it is a remedial course. The course will count as three credits toward a student's course course load, but no credits toward graduation will be awarded.

The Committee will forward to the Dean's Advisory Committee a motion to require students who have in the previous semester received a grade of C- or worse in a course in their major to see an adviser before the next semester. Failure to do so will result in de-enrollment in all courses with a hold to prevent telephone or on-line registration.

The College has established an ad hoc committee to determine why it is that our student do poorly on the Medical College Admission Test (MCAT). Preliminary analysis indicates that our students are poor readers. A segment of an MCAT was distributed, and departments were encouraged to hold discussions about this important topic.

The College and the Office of the Provost have underwritten an MCAT preparation course to be held on campus in the spring. Up to 50 students can participate (last spring 56 students participated); the cost to the student will be in the range \$400-450. Many students take the MCAT in August, and a program for them has yet to be developed.

Problems in reading can affect a student's MCAT score on the science as well as the verbal sections of the test, because all sections have several questions that involve rapid reading of relatively complicated passages. It has been suggested that faculty members should require their students to read and be tested on some material that is not covered in lecture, as a way to encourage students to develop their reading skills.

Graduate Committee: Eric Grinberg. Three new graduate courses in CIS were reviewed by the Committee and sent to the Dean's Advisory Committee. These courses were approved by the Dean's Advisory Committee and are now in the inventory.

Budget and Planning Committee: Leroy Dubeck The CAS budget was split when the old college was split into CLA and CST, and $\frac{1}{3}$ of the budget was inherited by CST. Since that time CST has had dramatic growth in grants and in enrollment, and at the present time the budget for administrative staffing is inadequate.

Comparing reports of the Treasurer to the University Budget Committee indicates that the enrollment this fall for the University as a whole is considerably more than it was projected to be when the budget for this fiscal year was completed. Although the additional tuition revenue was \$6-7 million more than anticipated in the budget. It is estimated that each tuition dollar that arrives carries with it new costs of about \$0.40. Dubeck would like to know what happened to the other \$0.60.

The Core Task Force is now holding town meetings. Members were urged to participate, and it was especially noted that the science core will probably require a two-course sequence rather than two courses that might not have much in common. The core mathematics requirement, on the other hand seems weaker than before. The budgetary impact of these changes is not yet known. There is no core technology requirement in the current proposal.

Faculty Senate Steering Committee: Orin Chein. Attendance in meetings of the Representative Faculty Senate has been poor. Of the 17 CST representatives, 6 have not yet attended a single meeting, and another four have only attended one meeting. There have been three meetings so far this semester.

There are openings on most faculty Senate Committees, but CST is already represented on most of them. The University Press Board of Review and the University Disciplinary Committee need nominees for membership.

The President has met with the Faculty Senate Steering Committee, and has, after consultation with the Committee, established policies on

- course syllabi
- office hours
- to limit on the total number of *W* grades a student may obtain in his or her career at Temple

- to require that an instructor must assign a default grade when an *I* grade is issued. If the *I* is not changed after one year, it will automatically be changed to the default grade.
- to allow students to repeat a course no more than once (the lowest grade received in the two attempts is not included in the GPA calculation)
- Final exams must be given during the Final Examination week. If a course does not have a final exam, the instructor may give a lecture, but all fifteen weeks of the semester must be utilized.
- Course evaluations will be required, following a uniform procedure with a questionnaire that will be used throughout the University.
- At mid-semester, faculty are to issue interim warning grades to students who are unlikely to pass.
- copyright policy

Chen noted that although he was elected to represent the College on the Steering Committee, he was not a member of the Dean's Advisory Committee, and this made it impossible for him to communicate the activities of the steering committee to the College.

Old Business

There was none.

New Business

Korsh suggested that the Dean's Advisory Committee might recommend to the Dean the previous Bylaws, amended to include Dean's appointment faculty as members of the Assembly, and students on standing committees.

The Dean gave a brief update on faculty recruitment.

Adjournment

The meeting adjourned after 5:30 pm.

Respectfully submitted,

Bruce Conrad