Agenda for March 30, 2001
CCGB Meeting

1. Approval of Minutes of 3/16/01 Meeting
2. Undergraduate Announcements
3. Discussion of CS Motion 2 (See attached note)
4. Discussion of CS Motion 3
5. Discussion of New Affiliation Requirements in ECE

CCGB Minutes
March 16, 2001

Members: J. Bartsch, R. Cleary, M. Duncan, F. Gouldin, T. Healey, R. Kay, L. Lion, C. Van Loan

Absent: K. Athreya, E. Giannelis, J. Hopcroft, S. Wicker, F. Wise, D. Worley, S. Youra

Ex-Officio: T. Bennington, D. Cox, B. East, B. Grant, D. Maloney Hahn, T. Thompson

Other: C. Pakkala, F. Shumway, C. Ober

Approval of Minutes: The minutes of March 9th were approved with minor changes.

Undergraduate Announcements: R. Cleary (Assoc. Dean) mentioned that he will leave Cornell at the end of June 2001.

B. East (Admissions) stated that her office is done with selection. They have admitted 266 fewer students than last year and have 200-300 students on a waiting list. She reminded the CCGB members that they are invited to participate at the Cornell Days and are also invited to attend the Minority Hosting dinner.

D. Cox (Assist. Dean) added that, since Josie Herrera resigned as Director of Engineering Minority Programs, additional assistance from the faculty for Minority Hosting would be much appreciated.

D. Maloney Hahn (Advising) stated that the upper-class field advisor evaluations have been distributed.

Transfer Student Process (handout distributed): B. East and F. Shumway (Admissions) distributed the 2001 Transfer Admissions Timeline and mentioned that F. Shumway is coordinating transfer admissions. The goal is to maintain the same number of transfer students as last year.

Continuation of discussion of CS321 as ENGRD: C. Van Loan (CS) gave a quick overview of the request to make CS321 an ENGRD course. The faculty in CS feel that changing the course number makes the course attractive to biology students. M. Duncan (ChemE) stated that he felt that it was inappropriate for the faculty in biology to ask us to change our course number to suit their needs. D. Maloney Hahn expressed his concern that the course be used as an Engineering distribution course. F. Gouldin (M&AE) asked why the wording “no particular course in programming is required” was listed under prerequisites since the course description includes programming. C. Van Loan changed the wording to “CS 100 or equivalent is required.” R. Cleary (Assoc. Dean) stated that he felt that very few students would use this course as an ENGRD. Motion: To approve CS321 (Numerical Methods in Computational Molecular Biology) as an engineering distribution course. The motion was passed with 8 in favor and 1 opposed.
Proposal for new ENGRD course in AEP (syllabus distributed): F. Wise (AEP) discussed the course description of a new course that will be taught by Professor Lois Pollack entitled “The Physics of Life.” The fall course is aimed at 2nd year engineering students who have background in chemistry, physics and math, but not in molecular biology. The course would be good for engineering students who want to learn about biological macromolecules from an interdisciplinary perspective. F. Gouldin (M&AE) mentioned his concern about the prerequisites that would be necessary in order for students to feel comfortable with the advanced subjects in the course. He suggested that Physics 213 and Math 192 be added as pre-requisites. F. Wise stated that he was unwilling to commit to prerequisites without the instructor’s permission. R. Cleary (Assoc. Dean) asked what the next step would be beyond this course for the students. F. Wise responded that AEP has a senior-level biophysics course and that any other bio paths would be okay. L. Lion (CEE) requested that prerequisites be listed and a course number be decided upon prior to approving the course. C. Van Loan (CS) stated that he views this as a wonderful course description because the students would "learn by doing.” He proposed that AEP assign a 200-level number to the course, advertise it, offer it in the fall of ’01 and evaluate it in spring ’02. **Motion: To approve “The Physics of Life” as an ENGRD 200-level course with Physics 213 as a co-requisite, and Chemistry 207 or 211 and Math 192 as prerequisites. The motion was passed unanimously with 9 in favor.**

Proposal for new ENGRD course in MSE (syllabus distributed): C. Ober presented the syllabus for MSE 262, “Introduction to the Electronic Properties of Materials.” The fall course is intended to give engineering sophomores an introduction to the electrical and optical properties of materials. The MSE department wants to encourage students to take it as a distribution course. L. Lion (CEE) asked what the prerequisites are. C. Ober replied that Math 192 is a prerequisite and that this course would be in the electrical science category of the ENGRD listing. MSE 261 or 262 is required for MSE majors. F. Gouldin (M&AE) expressed the concern that there is a large amount of material listed in the course. C. Ober responded that the material has been covered in the past and is very manageable. C. Van Loan (CS) stated that instructors decide what topics will be covered in a course and not every topic listed on a syllabus is covered. F. Gouldin replied that because other courses build on the ENGRD courses, the instructors of those courses need to know what topics are covered in the ENGRD courses. **Motion: To approve MSE 262 as an ENGRD course for fall ’01 with Math 192 as a prerequisite and Physics 213 as a co-requisite. The motion was passed unanimously with 9 in favor.**

The meeting adjourned at 8:55 a.m.