Call to Order
Chair Frances Conley called the first meeting of Senate XXX to order at 3:15 p.m. There were 40 voting members, 10 ex-officio members, and a number of guests in attendance.

Approval of Minutes
The minutes of the final June 12, 1997 meeting of Senate XXIX of the Academic Council (SenD#4724) were approved as submitted.

Action Calendar
The Senate, by unanimous voice vote, conferred Bachelor of Arts, Bachelor of Science, and Bachelor of Arts and Science degrees on the Summer Quarter 1996/97 candidates listed in Senate Document #4726, as recommended by the Committee on Academic Appraisal and Achievement.

The Senate, by unanimous voice vote, also conferred the following advanced degrees on the Summer Quarter 1996/97 candidates listed in Senate Document #4727, as recommended by the Committee on Graduate Studies: Master of Arts, Master of Fine Arts, Master of Science, Master of Liberal Arts, Master of Business Administration, Engineer, Master of the Science of Law, Doctor of Jurisprudence, Doctor of the Science of Law, Doctor of Education, Doctor of Musical Arts, Doctor of Medicine, and Doctor of Philosophy.

The Media Policy for the Thirtieth Senate (SenD#4740) was adopted by unanimous voice vote. Conley explained that it was the same policy as that approved by the previous 13 Senates. It allows five seats at Senate meetings for outside media representatives, if requested 48 hours in advance, prohibits cameras, and provides that the media may be asked to leave if Senate goes into an executive session, she explained.

Report from the Senate Steering Committee
Apologizing ahead of time for the length of her first report, containing many organizational matters, Conley wished everyone welcome, particularly the ten elected representatives new to Senate service and the 15 members returning after an absence of a year or more. Senate XXX includes four former Senate Chairs, Professors Abernethy, Heller, Kruger, and Lougee Chappell, she noted, “so if I get out of order, I bet I’ll get called on it.” Conley also identified two new ex-officio members: Geoff Cox, Vice Provost for Institutional Planning, and Jim Montoya, Vice Provost for Student Affairs. Encouraging the accredited student representatives to exercise their right to speak frequently “when the good spirit moves you,” the Chair introduced ASSU Senate Chair Joe Freund; President of the ASSU, Emily Andrus; and student representative-at-large Howard Loo. Conley also welcomed the two student reporters for the Stanford Daily, Dan Wolk and Nadia Elghobashi.

The Chair reminded Senators of the Steering Committee members they had elected the previous Spring, who in addition to herself would be directing the Senate’s activities and “are eager to hear your ideas concerning matters that should be brought to the attention of the Senate.” Asking each to stand, she introduced them: Luis Fraga (Political Science), also the Vice Chair,
Hans Andersen (Chemistry), Keith Baker (History), Russell Berman (German Studies), Jeff Koseff (Civil and Environmental Engineering), and George Parker (Graduate School of Business). Conley noted that Steering Committee members may be contacted individually, or collectively via the StC30@forsythe electronic mail list. She also pointed out the one-page informational item in Senators’ packets explaining the Senate’s web site, maintained by the Academic Secretary’s Office, through which agendas, minutes, and reports can be accessed.

Conley described the important and valuable practice whereby the President and the Provost are invited to make any remarks they wish to at the beginning of each Senate meeting, after which they take questions, either on what they have just said or on any other University matter. She noted that, as a courtesy, questions that might require research, in order to answer in an informed manner, should be submitted to the President or Provost in advance, with a copy to the Academic Secretary. Conley indicated that the Steering Committee plans to continue the practice of scheduling at least one Informal Executive Session with the President and Provost each quarter, the first one to be held on December 4th. “These are informal affairs - very valuable and enjoyable,” she said. The Chair stated her intention to begin Senate meetings promptly at 3:15 and to end them at or before 5:15 p.m., seeking Senators’ cooperation in arriving on time.

Conley identified the members of the Senate XXX Committee on Committees, just formalized: Bob Street (Civil and Environmental Engineering) as Chair for a second year, Chuck Bonini (GSB), Steve Chu (Physics), Herbie Lindenberger (English), Norm Naimark (History), Lew Wexler (Radiology), and Susan Schofield, Academic Secretary, ex-officio. She thanked them for their willingness to serve on that important body. The Chair asked Senators to keep several documents for reference during the year, including the rosters of members of all of the Academic Council and Senate committees. She drew particular attention to two documents concerning parliamentary procedures, thanking the Academic Secretary for creating the new, single-page distillation of procedures used frequently in the conduct of Senate business. She noted that the Academic Secretary has Robert’s Rules at each meeting and is the Senate’s Parliamentarian, “so if anyone has a question about how I’m running a meeting, ask Susan,” she joked. Conley announced that the next Senate meeting on October 16th would be an abbreviated one, at which the Committee on Research annual report would be presented, followed at 4:15 p.m. by the annual meeting of the Academic Council and the President’s “State of the University” address.

The Chair noted that the Committee on Committees, having just been assembled, did not have a report.

**Reports from the President and the Provost**

President Casper read a short statement summarizing leadership changes at the Medical Center since February 1995 and concluded with the announcement of Medical School Dean Eugene Bauer’s appointment as the University’s Vice President for Medical Affairs effective October 1, 1997. “In his role as Vice President, Dr. Bauer will report to me...and will represent me in all matters concerning the Medical Center, including our relationship with the University of California,” the President stated. In his role as Dean and concerning Medical School budget and academic matters, Dr. Bauer will continue to report to the Provost, Casper said. The Senate gave Bauer an enthusiastic round of applause. Professor Efron (Statistics) asked whether union lawsuits represented any threat to the Stanford-UCSF hospitals merger. Casper responded that there was always a risk element when the courts were involved, but that he remains very confident.
Provost Condoleezza Rice introduced Robert Kinnally, in Senate as a guest, who is replacing Jim Montoya as Dean of Admission and Financial Aid. She noted that Kinnally had served both as Dean of Admissions and Director of Financial Aid at Sarah Lawrence and that “we’re very excited about Bob being here and working with him.” Rice thanked the hard-working committee, chaired by Margaret Brandeau (Industrial Engineering), that conducted a national search and worked well into the summer. There were no questions for the Provost.

1996/97 Annual Report of the Committee on Academic Appraisal and Achievement
(SenD#4731)
Chair Conley reminded everyone that each Fall the annual reports of the seven Academic Council Committees are presented to Senate, either at a regular meeting or potentially in an Administrative Session every other year. She introduced David Lougee (School of Engineering), Spring Quarter 1996/97 Chair of C-AAA, to present his committee’s annual report, noting that Chairs are told to expect that Senators will have read the full report.

Lougee noted that Professor Mason Yearian (Physics) had chaired C-AAA for the Fall and Winter Quarters the prior year. He reminded Senators that C-AAA is charged with formulating “policy concerning the evaluation, reporting, and special recognition of educational achievement by undergraduate and graduate students and faculty.” He mentioned several routine committee activities during the course of the year, including advice to the Registrar on calculation of GPA [Grade Point Average] and expunging the term LGI [Letter Grade Indicator] from the Stanford lexicon; review of departmental designations of one- and two-unit courses as activity courses or academic courses; and several other matters.

Turning to three issues that C-AAA had brought before the Senate during 1996/97, Lougee reminded everyone that the policy on University Distinction had been revised to award that honor to students whose GPA places them within the top 15 percent of students within the University. The policy on Student Evaluation of Teaching was discussed twice by C-AAA with Senate, he said, first as a report on the adoption by Humanities and Sciences of a new form to evaluate teaching by faculty and teaching assistants, and then as the result of the Senate’s request to consider revisions to the operative Senate legislation. Proposed revised legislation was withdrawn by the Chair, however, for further committee consideration of issues raised in Senate such as generalizing the language rather than linking it to the specific H&S form, confidentiality of data, and alternative evaluation mechanisms. C-AAA will bring proposed new legislation to Senate during Fall Quarter, Lougee advised.

The third C-AAA matter before Senate at the end of 1995/96 and in Spring Quarter 1996/97 concerned the status and training of teaching assistants, Lougee said. A subcommittee chaired by Professor Russell Fernald presented an interim report to Senate suggesting that current legislation may be adequate, but “legislation is easier than oversight.” C-AAA expects to complete work on this matter and bring back to Senate at the end of Fall Quarter specific recommendations for ensuring that existing legislation is carried out, Lougee stated. He concluded by identifying several issues on C-AAA’s agenda for the coming year, including pre-registration, the Student Information System, and improvements to the University transcript.

Professor Lindenberger (English) noted several drawbacks from the faculty point of view with Stanford’s two-week “shopping period” and asked whether there is any evidence that a pre-
registration system could help solve these problems. Professor Gelber (Religious Studies), 1997/98 Chair of C-AAA, said her committee hoped that allowing students to pre-register might provide more clarity about class size, noting that she did not believe this was the time to tinker further with the deadlines incorporated in the relatively new grading policy. H&S Dean Shoven expressed his opinion that pre-registration would go a long way toward eliminating the problem of courses that are so heavily oversubscribed that they get off to a bad start in classrooms that are too small and without enough books. Vice Provost for Undergraduate Education Saldívar said that reducing the “shopping period” was not appropriate or necessary, but better management of course enrollment was an important goal.

Professor Parker (Graduate School of Business) expressed his surprise at seeing that the top “university” grade was an A+. Registrar Printup, put on the spot by the Chair, explained that the scheme Stanford has used for the past 20 to 30 years to calculate University distinction includes 4.3 points for the top grade of A+, noting that other universities grade this way as well. Professor McCall (Classics) indicated that perhaps faculty members such as himself who have long thought that 4.0 was flawless may need to be re-educated. In response to a question from Professor Camarillo (History), Printup said that the A+ grade is used only in calculations of GPA for undergraduate students. Professors Efron (Statistics) and Veinott (Engineering Economic Systems and Operations Research) defended the A+ grade as appropriate recognition for those few students who do exceptionally well. The question was raised as to whether a student has ever graduated from Stanford with a GPA higher than 4.0. Professor Stebbins (Geological and Environmental Sciences) stated that a student in Earth Sciences had graduated a few years ago with a 4.15 GPA which he believed was the highest ever at Stanford. Chair Conley encouraged C-AAA to investigate this issue further. She accepted the 1996/97 C-AAA annual report on behalf of the Senate and thanked the committee members for their hard work.

1996/97 Annual Report of the Committee on Libraries (SenD#4734)
Chair Conley welcomed Professor David Riggs (English), 1996/97 Chair of the Committee on Libraries, to present the committee’s annual report. She noted that a dual presentation had been planned, with the C-Lib report to be followed by a presentation from the University Librarian. Riggs began by providing several updates concerning Socrates II, Stanford’s new web-based library catalog, reporting that it would become a true “union catalog” when the records from Lane Medical Library and Jackson Library in the Graduate School of Business were incorporated “in a matter of weeks.”

Riggs said that the Libraries’ “enterprise development” activities had been supported by last year’s Senate Steering Committee, and C-Lib had been asked by Mike Keller to function as a watchdog in this area. “We liked what we saw,” he stated, “particularly with reference to HighWire Press. Anything that combines the advancement of learning and brings in revenue can’t be all bad.” C-Lib shares the hope that future enterprise development will be able to support a portion of the budget for library collections, Riggs noted. He added however that they believe there is no immense crisis in the library materials budget, though long-term stability needs to be addressed. “The committee is upbeat about the growth of our library collections,” he indicated. Riggs said that the renovated Green West “will be a magnificent facility,” expressing some concern from patrons about the extent to which Green’s core collections are dispersed and would benefit from consolidation.
Commenting on the IRS program (Information Resource Specialists), he stated that “Anything you can say that will motivate the Provost to fund an expanded IRS program will be greatly appreciated.” Riggs concluded by mentioning that the committee had reviewed and updated its charge, which was being sent through the Senate’s Committee on Committees. Conley thanked Riggs and accepted the 1996/97 C-Lib annual report on behalf of the Senate. She asked that Senators hold their questions and comments until the end of Michael Keller’s presentation.

Report from Michael Keller, University Librarian and Director of Academic Information Resources

Michael Keller preceded his presentation, “The State of Stanford’s Libraries” (supported by slides), with a couple of observations. He noted that Stanford’s combination of the Libraries with Academic Information Resources is unique among larger universities. He credited Professor Street (Civil and Environmental Engineering) with designing and building this strong organization, which he said he was happy to inherit. He also noted how important it is to understand that Stanford’s is a relatively young research library collection, with serious building efforts begun only after World War II. Keller introduced several guests as important members of the Libraries staff including Karen Nagy, Jeff Pudewell, John Sack, Roberto Trujillo, Catherine Tierney, Assante Pizani, Jerry Persons, and Sarah Williamson.

Beginning his prepared remarks, Keller displayed and described what he called “basic facts” about the University’s libraries. In addition to five Coordinate Libraries reporting separately to their Dean or Director (Law, Medicine, GSB, Hoover, and SLAC), there are 13 libraries within Stanford University Libraries/Academic Information Resources (SUL/AIR) operating about 700,000 square feet of space, he said. Divided into three large resource groups - Humanities & Area Studies, Social Science, Science & Engineering - SUL/AIR also includes the academic computing array and the “back of the house,” he reported. Keller summarized the scope of each of these groups.

SUL/AIR employs a total of 363 full-time equivalent staff, he said. The consolidated budget forecast for fiscal year 1998 is $34.6 million, of which $19 million is salaries and benefits and $9.2 million is for the library materials budget, with funding predominantly from unrestricted funds ($27.5 million). Keller explained that after adding the relevant figures for the Coordinate Libraries, Stanford’s investment in all libraries will be roughly $48.5 million with a total staff of about 562 FTE. The total size of the collection of books and “book-like objects,” e.g., atlases, was 6.7 million items at the end of 1996, Keller stated. The total collection size of “other objects” (sound recordings, archival pieces, microfiches, and other small pieces) was 98.3 million items. Stanford’s library collection is tenth in size among university libraries in the U.S., he reported.

Speaking next about the collections, Keller provided a breakdown of the SUL/AIR library materials budget by discipline: 27% Humanities & Area Studies, 13% Social Sciences, 41% Sciences & Engineering, and 18% Other. By genre, the breakout is 41% for monographs/books, 47% for serials, and 12% for digital/other, he said, pointing out that Stanford has a very lean serials budget compared to similar universities, which are closer to 60-65%. Keller showed a bar chart of the annual increases in the library materials budget for the previous five years (about $500,000 to 700,000 and 7% to 8% annually). While these have been “very generous budgets,” he said that unfortunately the book industry had been running inflationary increases at least 5% greater than Stanford’s budgets. Keller explained that about half of the 1997/98 budget increase was to
be funded by Libraries “re-engineering savings,” adding that he hopes the libraries materials budget can be supplemented in future through enterprise development income and possibly fund raising.

Keller identified several issues related to the library materials budget. Inflation in the book trade over the past 15 years has been running at twice the regular CPI, he said, with the most severe increases in science, technical and medical journals and recent severe increases in digital information costs including electronic editions of journals. The recent years’ Stanford budget increases for library materials have been two to three times those for faculty salaries, Keller stated, meaning “that model is not sustainable.” The basic problem, he indicated, is that publishers have been treating information as a commodity and for-profit publishers have been generating profits of up to 30%. Other marketplace issues include the fact that desktop publishing results in more titles available world-wide, though Stanford acquires fewer than two and one-half percent of all titles in a given year, and the dilemma that digital editions spur sales of more print editions.

Turning to cultural issues, Keller urged the faculty as a whole to consider several ideas carefully. First, he said that “it would be wonderful if you would give first refusal rights to your articles and books to scholarly society publishers, university presses, and ‘responsible’ publishers” whose price increases are small and whose success benefits universities directly. Second, “locally, we’d like you to be willing to participate in experiments that change your reading and research habits a bit,” for example searching and browsing journals on-line, then perhaps printing needed articles off-line. Keller urged faculty support for Stanford Libraries’ efforts, including HighWire Press, to shape the marketplace of academic information. Finally, he asked for cooperation in cancelling low-impact, high-cost journals, a particular problem in sciences, technology, and medicine. The Libraries could obtain individual articles for faculty as needed, but would save a lot of money by cancelling journals in this category.

Keller mentioned several internal re-engineering efforts over the past several years that are allowing Libraries resources to be redirected to more important areas such as the collections. He said these efforts include collecting and cataloging common items more efficiently (using computers); collecting and cataloging uncommon items more effectively (investing human resources there); training readers, especially undergraduates, to be more self-sufficient in basic research; providing readers with advanced reference and research services where subject specialists are most needed; and adopting and adapting information technology to support those efforts.

Keller advised that HighWire Press (www.Highwire.stanford.edu) provides design, development, production and business services to scholarly and responsible publishers. Starting with a suggestion from Professor Simoni (Biological Sciences) at a Faculty Senate meeting that resulted in the first electronic edition of a major scientific journal, the Journal of Biological Chemistry, HighWire Press is now producing 18 on-line journals in the science, technology and medical area, and has 73 more in the queue. “This is John Sack’s brilliant work,” Keller said, remarking that “we get a million hits a week on these journal articles, sometimes a million hits a day.” HighWire Press is also working with Stanford University Press on a model to publish monographs on-line, he stated, and has engaged an internet service company to provide a “global intranet” with dedicated wires around the world to avoid the “worldwide wait” and brownouts.
Describing HighWire Press as having both “church” and “state” missions, Keller said that the “church” mission was to create and disseminate knowledge. “Then you are a missionary,” President Casper joked. “Maybe an evangelist or even a fundamentalist,” Keller retorted. The “state” mission, he said, is to contribute to marketplace “correction.” Combining HighWire’s impact with the cancellation of some of the low impact, high cost journals “will help others to think in these ways and get on with the revolution.” HighWire is a self-sustaining enterprise, Keller said, which has become a standard setter. With tools like hypernavigation and toll-free links, it has been written that, “HighWire is changing the face of scholarly publishing.”

To conclude his presentation, Keller showed numerous slides of the Green Library West building under reconstruction and described its final configurations. He indicated that the $45 million renovation project “is on schedule at the moment,” with completion of construction expected in Fall 1998 followed by fitting, furnishing and equipping as well as re-activation and re-occupancy. The “soft” opening should occur in Spring 1999, he said, with a celebration and “official” opening in Fall 1999. After his final slide, “The End,” the Senate gave Keller an enthusiastic round of applause.

Chair Conley asked whether printing an article after browsing an on-line journal presented any copyright issues. “We are firm believers in the ‘fair use’ provisions of the U.S. Code,” Keller replied, noting however that the promulgation of a “digital object identifier” by the press might threaten the fair use concept. Keller stressed that under Title 17, Section 107 of the code, faculty as individuals must make the judgment regarding “fair use” of copyrighted works in their teaching and research. Keller urged the faculty to look at the web site www.fairuse.stanford.edu. Professor Chu (Physics), observing that faculty in science, engineering and medicine often get browbeaten into writing up conference proceedings, suggested that tenure review committees consider only articles in refereed journals. “I hope the tenure committees are listening,” Keller replied.

In response to a question from Professor Brauman (Chemistry), Keller said that Stanford’s proportion of the library budget devoted to materials, a little less than one-third, was appropriate to sustain a bare equilibrium between acquisitions and the associated technical services and facilities costs. Professor Abernethy (Political Science) questioned why only 13% of the acquisition budget was devoted to social sciences. Keller said this ratio was pretty comparable to other universities, pointing out that a tremendous amount of information valuable to social scientists is obtained at very low or no cost from government document deposits.

Professor Harris (Medicine) expressed puzzlement that at a time of rising serials costs UC Berkeley had recently pulled out of a curatorial collaboration with Stanford to acquire serials. Keller stated that this had come as a real surprise, apparently driven by UC budget cuts, and that Stanford was working to “renovate that relationship.” Responding to a question from Conley, Vice President for Medical Affairs Bauer said that library collections had only been discussed at a trivial level in the merger discussions to date.

Professor Baker (History) asked Keller to clarify whether income from HighWire Press was expected to contribute to the increasing costs of library materials. Perhaps in conjunction with re-engineering savings and other enterprise income, he replied, encouraging everyone “to visit in about 60 days’ time the new Peet’s coffee kiosk near Green because some of that money will come to the library for reallocation.” Baker suggested that HighWire Press if successful might
not be consistent with sustaining the acquisition budget. Keller expressed his hope that an active campaign to raise more endowment funds for collections would provide a long-term solution. Professor Riggs said that C-Lib agreed that some long-range resolution was needed.

Vice Provost Saldívar asked what HighWire Press could offer to humanists. Keller indicated that there is a growing collection of humanities and social science journals available on-line from other internet publishers as well as tens of thousands of digitized literature texts. Interested faculty should visit www-sul.stanford.edu/collect/ejourns.html. “If we can be successful in the high cost science-technology-medicine area we can have a better effect in the other areas of the collections,” he said. Replying to Professor Lindenberger’s (English) concern about the need in his field to have collections housed in a single location, Keller said that unfortunately “the days when we could have everything next to everything else on open shelves in the center of campus are forever behind us.” Riggs added that the Libraries are very responsive if individual faculty members need certain materials brought back from auxiliary storage for use in research or teaching.

Professor Wexler (Radiology) asked Keller to compare Stanford libraries in some appropriate way with other universities. Keller said that Stanford is probably about number nine based on a complicated assessment by the Association of Research Libraries. “Is that okay?” queried Professor McCall (Classics), given Stanford’s ambitions to be second to none. Some of the top ten libraries have been collecting for two to three hundred years, and others have thirty to fifty thousand students, Keller pointed out. “As long as we can be supportive of you and respectful of the kinds of work that you’re doing and your predecessors and successors do, I’m satisfied,” he stated. “I think we should be proud of this library, very proud.”

Asked by Professor Andersen (Chemistry) what fraction of the total number of articles in the sciences and technology is produced by “good publishers,” Keller and Jeff Pudewell, Assistant University Librarian for Finance, suggested that the fraction from society publishers was about 60 percent. Professor Boyd, incoming Chair of C-Lib, joked that perhaps the new coffee kiosk could be used to increase faculty awareness of the differences in society publishers versus for-profit publishers, by perhaps “pricing espresso at $1.25 and saying on Wednesdays 25 cents will go directly to Elsevier.”

Baker mentioned Keller’s statement that Stanford had been playing catch-up in relationship to older research libraries and asked whether the percentage of the library materials budget spent on the retrospective acquisitions so important to humanists was remaining constant. About two to three percent of the budget is spent on retrospective collections, Keller said, but the amount has decreased. “If we don’t acquire a book in the year it’s printed, we have a very hard time acquiring it later.” Items and whole collections are acquired on demand for the faculty, he stated, using special sources of funds when necessary. Chu mentioned that there seemed to be a proliferation of new journals in his field, wondering if they were “goodies or baddies.” The for-profit publishers seem to be issuing more new journals, Keller indicated, in part because the society publishers have been conservative about expanding their spheres of influence. Replying to another question from Chu, Keller said that they do receive the book collections of some deceased faculty members, but these collections usually contain very few books not already owned by the Libraries.

Chair Conley thanked Riggs and Keller for a very informational and instructional session.
There was no new business. In closing, Conley could not resist asking the Provost where her loyalties would be on Saturday at 12:30 p.m. Provost Rice responded, to laughter, “As you may know, I’m a Notre Dame alumna and a trustee. However, given that I work for Stanford, I’m going to quote John Kennedy. When John Kennedy was asked if he was pulling for Navy or Notre Dame, he said, ‘I pulled for Navy and prayed for Notre Dame.’” Following a motion and a second, the Senate meeting adjourned at 5:03 p.m.

Respectfully submitted,

Susan W. Schofield
Academic Secretary to the University
October 2, 1997

**RECORD OF ATTENDANCE**

<table>
<thead>
<tr>
<th>Name</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abernethy, David</td>
<td>(7)</td>
</tr>
<tr>
<td>Alfrey, Edward</td>
<td>(13)</td>
</tr>
<tr>
<td>Andersen, Hans</td>
<td>(6)</td>
</tr>
<tr>
<td>Arvin, Ann</td>
<td>(13)</td>
</tr>
<tr>
<td>Baker, Keith</td>
<td>(7)</td>
</tr>
<tr>
<td>Bauer, Eugene</td>
<td>ex officio</td>
</tr>
<tr>
<td>Bensch, Klaus</td>
<td>(12)</td>
</tr>
<tr>
<td>Berman, Russell</td>
<td>(8)</td>
</tr>
<tr>
<td>Bonini, Charles</td>
<td>(1)</td>
</tr>
<tr>
<td>Brauman, John</td>
<td>(6)</td>
</tr>
<tr>
<td>Brest, Paul A.</td>
<td>ex officio</td>
</tr>
<tr>
<td>Casper, Gerhard</td>
<td>(7)</td>
</tr>
<tr>
<td>Castle, Terry</td>
<td>(8)</td>
</tr>
<tr>
<td>Chu, Steven</td>
<td>(6)</td>
</tr>
<tr>
<td>Conley, Frances</td>
<td>(13)</td>
</tr>
<tr>
<td>Cox, Geoffrey</td>
<td>ex officio</td>
</tr>
<tr>
<td>Dretske, Fred</td>
<td>(8)</td>
</tr>
<tr>
<td>Keller, Michael A.</td>
<td>ex officio</td>
</tr>
<tr>
<td>Kennedy, David</td>
<td>(7)</td>
</tr>
<tr>
<td>Kirst, Michael</td>
<td>(3)</td>
</tr>
<tr>
<td>Koseff, Jeffrey</td>
<td>(4)</td>
</tr>
<tr>
<td>Kruger, Charles H.</td>
<td>ex officio</td>
</tr>
<tr>
<td>Lindenberger, Herbert</td>
<td>(8)</td>
</tr>
<tr>
<td>Lougee Chappell, Carolyn</td>
<td>(7)</td>
</tr>
<tr>
<td>McCall, Marsh</td>
<td>(8)</td>
</tr>
<tr>
<td>Montoya, James</td>
<td>(11)</td>
</tr>
<tr>
<td>Naimark, Norman</td>
<td>(7)</td>
</tr>
<tr>
<td>Orr, Lynn</td>
<td>ex officio</td>
</tr>
<tr>
<td>Osgood, Brad</td>
<td>(6)</td>
</tr>
<tr>
<td>Osheroff, Douglas</td>
<td>(6)</td>
</tr>
<tr>
<td>Parker, George</td>
<td>(1)</td>
</tr>
<tr>
<td>Paté-Cornell, Elisabeth</td>
<td>(4)</td>
</tr>
<tr>
<td>Plummer, James</td>
<td>(4)</td>
</tr>
<tr>
<td>Printup, Roger</td>
<td>(11)</td>
</tr>
<tr>
<td>Rice, Condolezza</td>
<td>ex officio</td>
</tr>
</tbody>
</table>

**Present on Invitation or by Request:**

**Present on Standing Invitation:**
Joe Fruend, Emily Andrus, Howard Loo, Dan Wolk, Nadia Elghobashi, Marisa Cigarroa, Laurel Joyce, Diane Manuel

**Outside Press:**
Don Kazak, Palo Alto Weekly
Michele Guindo, San Jose Mercury

P = Present
A = Absent
At its meeting of Thursday, October 2, 1997, the Senate of the Academic Council took the following actions:

1. The Senate, by unanimous voice vote, conferred baccalaureate degrees on the Summer Quarter 1996/97 candidates listed in Senate Document #4726, as recommended by the Committee on Academic Appraisal and Achievement.

2. The Senate, by unanimous voice vote, conferred the various advanced degrees on the Summer Quarter 1996/97 candidates listed in Senate Document #4727, as recommended by the Committee on Graduate Studies.

3. The Media Policy for the Thirtieth Senate (SenD#4740) was adopted by unanimous voice vote. It allows five seats at Senate meetings for outside media representatives, if requested 48 hours in advance, prohibits cameras, and provides that the media may be asked to leave if Senate goes into an executive session.