

Appendix C

Supplementary Information

The tables and graphs in this Appendix include data that are useful in providing a general picture of where Stanford is, and in some instances, how it got here. The short annotations below serve as an introduction to the schedules and note some interesting trends or historical occurrences relative to the data in them.

Schedule 1 - Student Enrollment

Women undergraduates outnumbered men in the last two years. The total number of undergraduates increased by almost 90 this year, primarily because more students returned than we expected. After dropping fairly substantially last year, the total number of non-TGR graduate students increased this year. The number of TGRs also increased markedly, mostly because changes in policy require a fraction of the tuition of Research Assistants to be paid directly by sponsored research grants and contracts. This is a strong incentive for encouraging graduate students eligible for TGR status to register that way.

Schedule 2 - Freshman Apply/Admit/Enroll Statistics

After falling rather precipitously in 1990 right after the Loma Prieta earthquake, the number of applicants has marched pretty steadily upward since then. The marked increases in the yield rate the last two years are the result of our early decision program. Because of that program the yield rates this year and last year are not directly comparable with previous periods.

Schedule 3 - Undergraduate Tuition and Room & Board Rates

In the late 1970's and early 1980's tuition at Stanford rose by at least 9% each year. The rates

of increase slowed after that, and in the last four years the rates of increase in total expense (tuition plus room and board) have been the lowest in the entire period of the table. In fact, the four percent increases in tuition the last two years have been the lowest since the late 1960's, a time in which Stanford increased tuition every other year rather than annually.

Schedule 4 - Tuition and Fee Income

Undergraduate tuition income is expected to increase at a rate slightly below the tuition increase rate because we expect slightly fewer undergraduate students. Graduate tuition income is expected to rise at a rate well below the rate of tuition increase, primarily because of the incentive discussed under Schedule 1 for students to register as TGR. In turn, the increased number of TGRs is the big reason for the increase in the "Other" Tuition category. Application fees, the primary source of fee income, are expected to grow substantially relative to last year's budget because our actual application fees last year were well above the budget figure.

Schedule 5 - Undergraduate Financial Aid by Source of Funds and Type of Aid

This schedule shows the total amount of financial aid from all sources (including non-need based scholarship aid for athletics) awarded to undergraduate students. The last row shows Stanford tuition plus room and board. The latter has increased by 56% over the period of the table while total support for scholarships and grants has increased by 77%. Loans have increased by about 62%. These results suggest that the growth in family support, including parental contributions and student savings,

has not kept pace with the growth in student expenses. Note, though, that the loan total has been essentially flat over the past three years, a period that coincides with minimal tuition and fee increases.

Schedule 6 - Undergraduate Financial Aid Needs and Sources, Including Parental and Student Contributions

This schedule shows the total expense and sources of support for undergraduate students who receive need-based financial aid. The last row shows the number of students who receive need-based aid. There are some substantial changes in the "Sources" for 1998/99, starting with a 5.9% decline in expected family contribution and going through some large increases in endowment support, the Stanford Fund, and unrestricted funds. These changes are all related to our decisions to reduce self-help expectations for lower income families and students and to limit the expected family contribution from home equity for middle class families.

Schedule 7 - Total Professorial Faculty

The total professorate has increased by about one-third over the last twenty years, but most of that growth has been in the non-tenure line faculty. The number of tenure line faculty is still below its peak in 1991/92, although there was a big jump this year. The decline in tenure line faculty between 1991/92 and 1996/97 was primarily caused by some special early retirement incentives.

Schedule 8 - Distribution of Tenured, Non-Tenured, and Non-Tenure Line Professorial Faculty

This schedule provides a disaggregated view of the data in Schedule 6 over the last four years. The School of Medicine has added substantial faculty in the last few years, but the number of tenure line faculty has actually declined there over the four year period. The Humanities area is the only place with a noticeable increase in tenured and tenure line faculty over this period.

Schedule 9 - Number of Non-Teaching Employees

This schedule shows the number of regular (defined in the first footnote in the Schedule) non-teaching employees by activity since 1990. The activity categories do not track well to the current reporting relationships among administrative units, but to keep any semblance of consistency in these data over time in the face of reorganizations, the activity categories have to be defined broadly. Even with these broad categories the table has six footnotes indicating shifts across the categories or other changes over the period. Medicine is particularly affected by reorganizational changes.

However, if we factor out SLAC and the School of Medicine, and Tresidder and the Faculty Club, the net increases in other units were about 100 in 1996 and 200 in 1997. These are the largest increases we have had since the repositioning and budget adjustment processes began in 1990.

Schedule 10 - Staff Employees Outside Medicine and SLAC

This graph shows the relation between two series of numbers of employees in various years since 1983. The first is staff employees in the schools (except Medicine) and independent laboratories - the sum of employees in the categories labeled "Other Academic" and "Institutes and Research Labs" in Schedule 9. The second is a measure of "core" administrative staff who are paid almost entirely from general funds. This category excludes those employed in the schools and labs, SLAC, and the auxiliary activities in schedule 9 (Athletics, Housing and Food Service, and Tresidder and the Faculty Club).

The number of core staff trended down and declined by about 16% between 1989 and 1995 until increasing 2% in 1996 and 4% in 1997. This number is still well below its 1989 peak. Employment in the schools and independent labs peaked somewhat earlier and did not

decline nearly as much. After factoring in an estimate of the effect of the movement of SSRL to SLAC, the decline in this category from its 1987 peak to its nadir was about 3.5%, but it has jumped almost 13% since 1994 and is now well above the 1987 peak.

Schedule 11 - Fringe Benefits Detail

To support the various components of non-salary benefits provided to employees, a benefits rate is assessed to all salary and wage transactions. After momentous changes in 1997/98 (multiple benefit rates introduced, tuition remission disappearance, change to a contributory retirement plan for all non-union employees), the changes for 1998/99 are minor ones. The changes in Insurance Programs categories, as well as any other noticeable increases and decreases, are due to rate changes or more employees utilizing particular existing benefits.

Schedule 12 - Sponsored Research Expense by Agency and Fund Source

Note that research at SLAC is not included in this Schedule. Direct expense from research sponsored by the Federal government increased each year except 1992/93, a year impacted by the movement of SSRL to SLAC. The increase last year, at nearly 17%, was by far the largest in the period of the table. As for indirect costs, there was a substantial decline in our recovery here in 1990/91 for well-known reasons, and this recovery is just now approaching the level we had in 1989/90. Non-US Government sponsored research has consistently been 12 to 13% of the total research expense. The largest suppliers of non-US research funds are charitable foundations and corporations, each with about one-third of the total for non-US agencies.

Schedule 13 - Plant Expenditures

This schedule shows expenses from plant or borrowed funds for building or infrastructure projects related to various units. General Plant Improvement expenses are included in the "All Other" category. To the extent possible, expenditures for equipment are excluded from these calculations. Naturally enough, expenses within each unit tend to vary over time with the construction of new buildings or with things like earthquake repair. Thus, it is not unusual to see large year-to-year changes in expenditures within a unit. For example, the big jump in Engineering in 1994/95 is primarily the Gates Building. Engineering remained high in 1995/96 because of Gates, CIS, and projects related to the Science and Engineering Quad. Part of the decline in Medicine in 1994/95 is due to the shift of the FPP to SHS; most of the rest resulted from the completion of the Psychiatry Building and the Pediatrics & OB/GYN renovation project. The large increase in Housing in 1996/97 is related to graduate student housing, including the Schwab Center.

Schedule 14 - Endowment Value and Rate of Return

Note that the market value of endowment funds includes funds subject to living trust agreements. The nominal return on invested funds has been negative only once in the years shown and has generally exceeded 10% per annum. Historically, this period has produced exceptional market returns for both stock and bond investments, and our endowment has obviously benefited. The target for annual real return on endowment funds is 6.25%, net of management fees. The average annual return has clearly exceeded that figure, and the figure itself has been met in all but three years in the table.

SCHEDULE 1

**Student Enrollment for Autumn Quarter
1988/89 through 1997/98**

Year	Undergraduate			Graduate			TGR	Total
	Women	Men	Total	Women	Men	Total		
1988/89	2,811	3,646	6,457	1,725	4,335	6,060	707	13,224
1989/90	2,830	3,675	6,505	1,791	4,375	6,166	683	13,354
1990/91	2,917	3,638	6,555	1,791	4,407	6,198	688	13,441
1991/92	2,947	3,580	6,527	1,884	4,436	6,320	702	13,549
1992/93	3,020	3,544	6,564	1,994	4,555	6,549	780	13,893
1993/94	3,073	3,500	6,573	2,030	4,571	6,601	828	14,002
1994/95	3,133	3,428	6,561	2,117	4,509	6,626	844	14,031
1995/96	3,267	3,310	6,577	2,186	4,424	6,610	857	14,044
1996/97	3,283	3,267	6,550	2,094	4,279	6,373	888	13,811
1997/98	3,332	3,307	6,639	2,204	4,254	6,458	987	14,084

Source: Registrar's Office third week enrollment figures

SCHEDULE 2

**Freshman Apply/Admit/Enroll Statistics
Fall 1987 through Fall 1997**

Year	Total Applications		Admissions		Enrollment	
	Number	Percent Change from Previous Year	Number	Percent of Applicants Admitted	Number	Percent of Admitted Applicants Enrolling
Fall 1987	16,884	4.6%	2,565	15.2%	1,529	59.6%
Fall 1988	15,828	-6.3%	2,524	15.9%	1,602	63.5%
Fall 1989	14,912	-5.8%	2,626	17.6%	1,567	59.7%
Fall 1990	12,954	-13.1%	2,874	22.2%	1,600	55.7%
Fall 1991	13,528	4.4%	2,715	20.1%	1,526	56.2%
Fall 1992	13,209	-2.4%	2,912	22.0%	1,595	54.8%
Fall 1993	13,604	3.0%	2,926	21.5%	1,607	54.9%
Fall 1994	14,707	8.1%	2,942	20.0%	1,590	54.0%
Fall 1995	15,485	5.3%	2,908	18.8%	1,597	54.9%
Fall 1996	16,478	6.4%	2,634	16.0%	1,610	61.1%
Fall 1997	16,842	2.2%	2,596	15.4%	1,648	63.5%

SCHEDULE 3

**Undergraduate Tuition and Room & Board Rates
1978/79 through 1997/98**

Year	Undergraduate Tuition	Percent Change from Previous Year	Room & Board	Percent Change from Previous Year	Total Cost	Percent Change from Previous Year
1978/79	\$5,130	9.3%	\$2,169	10.1%	\$7,299	9.5%
1979/80	5,595	9.1%	2,354	8.5%	7,949	8.9%
1980/81	6,285	12.3%	2,636	12.0%	8,921	12.2%
1981/82	7,140	13.6%	2,965	12.5%	10,105	13.3%
1982/83	8,220	15.1%	3,423	15.4%	11,643	15.2%
1983/84	9,027	9.8%	3,812	11.4%	12,839	10.3%
1984/85	9,705	7.5%	4,146	8.8%	13,851	7.9%
1985/86	10,476	7.9%	4,417	6.5%	14,893	7.5%
1986/87	11,208	7.0%	4,700	6.4%	15,908	6.8%
1987/88	11,880	6.0%	4,955	5.4%	16,835	5.8%
1988/89	12,564	5.8%	5,257	6.1%	17,821	5.9%
1989/90	13,569	8.0%	5,595	6.4%	19,164	7.5%
1990/91	14,280	5.2%	5,930	6.0%	20,210	5.5%
1991/92	15,102	5.8%	6,160	3.9%	21,262	5.2%
1992/93	16,536	9.5%	6,314	2.5%	22,850	7.5%
1993/94	17,775	7.5%	6,535	3.5%	24,310	6.4%
1994/95	18,669	5.0%	6,796	4.0%	25,465	4.8%
1995/96	19,695	5.5%	7,054	3.8%	26,749	5.0%
1996/97	20,490	4.0%	7,337	4.0%	27,827	4.0%
1997/98	21,300	4.0%	7,557	3.0%	28,857	3.7%

SCHEDULE 4

Breakdown of Tuition and Fee Income
Projected FY99 Budget
(In thousands)

	FY98 Budget	Proposed FY99 Budget	Change FY98 to FY99	Percentage Change FY98 to FY99
Tuition:				
Undergraduate	\$135,999	\$141,287	\$5,288	3.9%
Graduate	112,148	115,639	3,491	3.1%
Other	10,200	11,571	1,371	13.4%
Summer	16,849	17,410	561	3.3%
Total Tuition	\$275,196	\$285,907	\$10,711	3.9%
Miscellaneous Fees:				
Application Fees	\$2,627	\$2,912	\$285	10.8%
Other Fees	1,200	1,100	(100)	-8.3%
Total Fees	\$3,827	\$4,012	\$185	4.8%
Total Tuition and Fee Income	\$279,023	\$289,919	\$10,896	3.9%

SCHEDULE 5

**Undergraduate Financial Aid by Source of Funds and Type of Aid¹
1989/90 through 1996/97**

	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97
Scholarships and Grants								
Stanford Unrestricted Funds	\$12,078	\$14,443	\$15,834	\$16,420	\$17,736	\$16,593	\$17,513	\$13,611
Gifts and Endowment Income:								
Non-Athletic ²	6,699	7,468	6,868	10,936	12,355	14,762	15,692	20,027
Athletic Awards	5,142	5,141	5,252	5,603	5,639	6,328	6,626	7,471
Departmental Awards	125	123	98	782	566	455	415	1,372
External Grants ³	8,605	8,516	8,884	8,983	9,448	10,407	11,477	13,757
Sub-Total for Scholarships and Grants	\$32,649	\$35,691	\$36,936	\$42,724	\$45,744	\$48,545	\$51,723	\$56,238
Loans								
University Funds	\$2,360	\$2,112	\$1,529	\$1,333	\$1,382	\$1,157	\$1,290	\$1,233
External Funds	6,173	7,318	8,181	9,234	9,763	11,389	11,453	11,519
Sub-Total for Loans	\$8,533	\$9,430	\$9,710	\$10,567	\$11,145	\$12,546	\$12,743	\$12,752
Jobs								
University Funds ⁴	\$1,327	\$1,764	\$1,473	\$1,869	\$3,897	\$4,175	\$3,602	\$3,295
External Funds	214	224	110	128	396	367	438	457
Sub-Total for Jobs	\$1,541	\$1,988	\$1,583	\$1,997	\$4,293	\$4,542	\$4,040	\$3,752
Grand Total	\$42,723	\$47,109	\$48,229	\$55,288	\$61,182	\$65,633	\$68,506	\$72,742
Stanford Tuition plus Room and Board	\$19,164	\$20,210	\$21,262	\$22,850	\$24,310	\$25,465	\$26,749	\$27,827

1 Figures are actuals and are in thousands of dollars. The data include all funds awarded to undergraduate students administered through the Financial Aid Office, including aid that is not need-based.

2 Includes support from the Stanford Fund.

3 All grants from Federal, state, or private sources.

4 Includes University match of funds from outside sources.

SCHEDULE 6

Undergraduate Financial Aid
Projected 1998/99 Budget Needs and Sources,
Including Parental and Student Contributions¹
(in thousands)

	1996/97 Actual	1997/98 Year End Projection	Increment from 1997/98 to 1998/99	1998/99 Proposed Budget	Percent Change from 1997/98 to 1998/99
Needs					
Tuition, Room & Board	\$68,801	\$71,802	\$3,488	\$75,290	4.9%
Books and Personal Expense	6,625	6,867	300	7,167	4.4%
Other	1,366	1,408	59	1,467	4.2%
Total Needs	\$76,792	\$80,077	\$3,847	\$83,924	4.8%
Sources					
Total Family Contribution (Includes parent contribution for aided students, self-help, summer savings, assets, etc.)	\$34,638	\$37,504	(\$2,214)	\$35,290	(5.9%)
Endowment Income ²	14,908	17,130	1,488	18,618	8.7%
Expendable Gifts	494	500		500	0.0%
Stanford Fund ³	4,492	4,300	2,000	6,300	46.5%
Federal Grants	2,660	2,700	189	2,889	7.0%
California State Scholarships	3,249	3,240		3,240	0.0%
Outside Awards	2,133	2,400		2,400	0.0%
Department Sources	481	500		500	0.0%
Unrestricted Funds	13,737	11,803	2,384	14,187	20.2%
Total Sources	\$76,792	\$80,077	\$3,847	\$83,924	4.8%
Number of Students on Need-Based Aid	2,584	2,600	25	2,625	1.0%

1 Sources other than the family contribution include only aid awarded to students who receive scholarship aid from Stanford. Thus, the sum of the amounts for scholarships and grants will not equal the figures in Schedule 5.

2 Endowment income includes reserve funds and specifically invested funds.

3 Stanford Fund includes the President's Fund in 1998/99.

SCHEDULE 7

**Total Professorial Faculty¹
1973/74 through 1997/98**

	Professors	Associate Professors	Assistant Professors ²	Tenure Line Total	Non-Tenure Line Professors	Grand Total
1973/74	547	194	299	1,040		1,040
1974/75	556	193	284	1,033		1,033
1975/76	565	186	295	1,046		1,046
1976/77	571	194	304	1,069		1,069
1977/78	586	199	287	1,072	86	1,158 ³
1978/79	600	211	292	1,103	91	1,194
1979/80	620	210	286	1,116	94	1,210
1980/81	642	205	279	1,126	104	1,230
1981/82	661	200	294	1,155	103	1,258
1982/83	672	195	284	1,151	116	1,267
1983/84	682	195	286	1,163	129	1,292
1984/85	691	194	272	1,157	135	1,292
1985/86	708	191	261	1,160	135	1,295
1986/87	711	192	262	1,165	150	1,315
1987/88	719	193	274	1,186	149	1,335
1988/89	709	200	268	1,177	147	1,324
1989/90	715	198	265	1,178	146	1,324
1990/91	742	195	278	1,215	161	1,376
1991/92	756	205	263	1,224	182	1,406 ⁴
1992/93	740	209	245	1,194	214	1,408
1993/94	729	203	241	1,173	225	1,398
1994/95	724	198	252	1,174	256	1,430
1995/96	723	205	241	1,169	287	1,456
1996/97	731	205	239	1,175	313	1,488
1997/98	750	213	231	1,194	341	1,535

Data Source: Provost's Office

1 Some appointments are coterminous with the availability of funds.

2 Assistant Professors subject to Ph.D. are included.

3 Beginning in 1977/78, non-tenure line Professors are included.

4 Beginning in 1991/92, Medical Center Line and Senior Fellows in policy centers and institutes are included.

SCHEDULE 8

**Distribution of Tenured, Non-Tenured, and Non-Tenure Line Professorial Faculty¹
1994/95 through 1997/98**

School Unit or Program	1994/95			1995/96			1996/97			1997/98		
	Tenured	Non- Tenured	Non- Tenure Line Total	Tenured	Non- Tenured	Non- Tenure Line Total	Tenured	Non- Tenured	Non- Tenure Line Total	Tenured	Non- Tenured	Non- Tenure Line Total
Earth Sciences	28	4	36	28	4	36	28	5	37	31	4	39
Education	34	4	38	34	3	37	34	5	39	34	4	38
Engineering	139	36	200	143	31	200	146	29	203	150	31	209
Humanities and Sciences (Humanities)	349	112	22 483	352	116	18 486	354	119	17 490	360	120	17 497
(Sciences & Math)	(144)	(47)	(7) (198)	(147)	(52)	(7) (206)	(149)	(58)	(7) (214)	(154)	(55)	(8) (217)
(Social Sciences)	(99)	(33)	(9) (141)	(100)	(34)	(9) (143)	(104)	(30)	(8) (142)	(105)	(33)	(7) (145)
Law	(106)	(32)	(6) (144)	(105)	(30)	(2) (137)	(101)	(31)	(2) (134)	(101)	(32)	(2) (135)
Other	36	6	1 43	35	6	1 42	33	5	1 39	35	5	1 41
			5 5			6 6			8 8			9 10
Subtotal	586	162	57 805	592	160	55 807	595	163	58 816	611	164	59 834
Business	58	21	1 80	54	23	1 78	56	28	1 85	55	29	1 85
Medicine	225	99	190 514	226	91	225 542	232	78	248 558	244	65	277 586
SLAC	21	2	8 31	21	2	6 29	21	2	6 29	21	5	4 30
Total	890	284	256 1,430	893	276	287 1,456	904	271	313 1,488	931	263	341 1,535

Data Source: Provost's Office

1 Population includes some appointments made part-time, "subject to Ph.D.," and coterminous with the availability of funds.

SCHEDULE 9**Number of Non-Teaching Employees
As of December 31 of Each Year¹**

Activity	1990	1991	1992	1993	1994	1995	1996	1997
School of Medicine ²	1,803	1,867	1,950	2,073	1,614	1,563	1,670	1,880
Other Academic: Business, Earth Sciences, Education, Engineering, Humanities and Sciences, Law	1,006	1,006	1,024	1,040	1,042	1,115	1,119	1,194
Physical Education and Athletics	80	90	82	83	84	98	104	110
Institutes and Research Labs ³	460	467	365	369	364	358	384	388
Stanford Linear Accelerator Center ³	1,195	1,160	1,301	1,240	1,355	1,311	1,310	1,300
Student Services: Admissions, ASSU, Bechtel International Center, Dean of Student Affairs, Financial Aids, Graduate Division, Memorial Church, Overseas Studies, Placement Center, Haas Center for Public Service, Registrar, Residential Education, Student Health, NSI	314	291	258	252	233	232	237	226
Libraries: Includes personnel from all Libraries, Art Galleries, and Museums	587	583	574	558	569	567	573	604
Central Information Services ⁴ : Information Resources, Data Center, Networking and Communication Systems	276	234	245	264	274	359	366	386
Development Office	205	196	197	175	134	136	135	126
Plant Construction, Protection, and Maintenance: Facilities Project Management, Health and Safety, Health Physics, O & M, Planning, Procurement, Public Safety, Risk Management	495	462	473	455	449	446	470	504
Housing and Food Service	252	259	271	255	272	271	284	301
Tresidder and Faculty Club ⁵	33	36	32	31	21	21	1	
Administration: ^{4,6} Finance, President's Office, Provost's Office, Faculty/Staff Services, Public Affairs, University Counsel, Press, Events & Services	678	649	665	672	634	557	563	590
TOTAL	7,384	7,300	7,437	7,467	7,045	7,034	7,216	7,609

1 Does not include students or employees working less than 50% time. Does include all other employees (i.e., Deans, Administrators, Secretaries, etc.) attached to that unit.

2 The School of Medicine decline in 1994 primarily reflects the integration of the Faculty Practice Plan and some clinics into Stanford Health Services (SHS). The Increase in 1997 is in part due to the shifting of some staff back into SofMed as part of the UCSF merger.

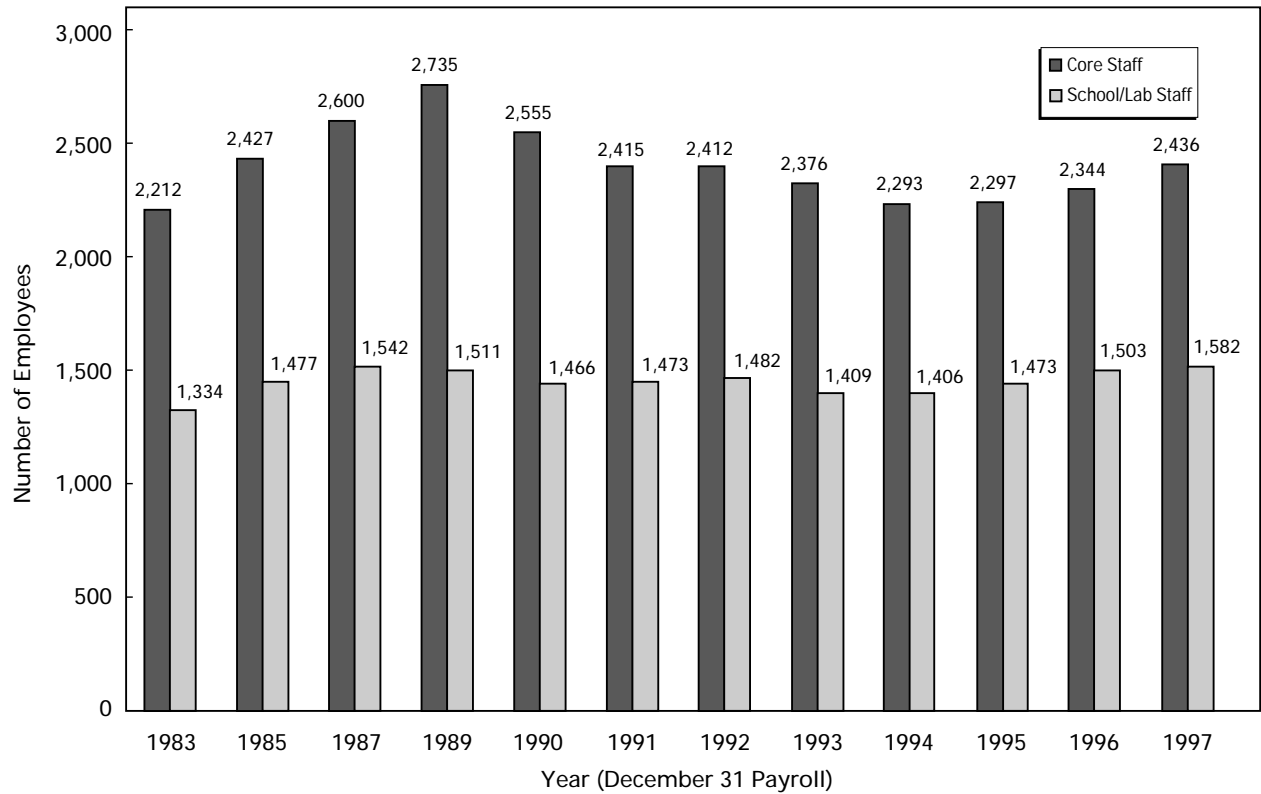
3 SSRL shifted from Institutes and Research Labs into SLAC in 1992.

4 The staff members in BISA were counted in Administration prior to 1995. That function is now in Information Services.

5 Faculty Club and Tresidder services have been contracted to outside companies.

6 Administration includes the University Press and Events and Services in all years.

SCHEDULE 10

Staff Employees in Units Other than Medicine or SLAC¹

1 SSRL was removed from the Labs in 1993 in this graph. This change reduced Lab staff by 85.

SCHEDULE 11

1998/99 Projected Consolidated Budget Staff Benefits Detail

(in thousands)

	1995/96 Actual Expenditures	1996/97 Actual Expenditures	1997/98 Negotiated Budget	1998/99 Projected Budget	Increase/ Decrease 1997/98 to 1998/99	% Change 1997/98 to 1998/99
Staff Benefits Program						
Pension Programs:						
University Retirement	\$33,187	\$37,852	\$42,080	\$43,532	\$1,452	3.4%
Social Security	35,779	37,732	41,691	44,357	2,666	6.4%
Faculty Early Retirement	10,491	6,067	6,676	5,179	(1,497)	-22.4%
Other	2,938	1,366	1,099	1,216	117	10.7%
Total Pension Programs	\$82,395	\$83,017	\$91,546	\$94,284	\$2,738	3.0%
Tuition Waiver Programs:						
Faculty/Staff Tuition						
Grant Program	\$4,597	\$5,203	\$5,265	\$5,602	\$337	6.4%
Research Assistants and Postdocs	28,486	29,981				N/A
Teaching Assistants	8,533	8,861				N/A
Total Tuition Waiver Programs	\$41,616	\$44,045	\$5,265	\$5,602	\$337	6.4%
Insurance Programs:						
Medical Insurance	\$19,016	\$16,913	\$19,214	\$21,479	\$2,265	11.8%
Retirement Medical Worker's Comp/LTD/ Unemployment Ins	6,026	7,013	5,336	5,067	(269)	-5.0%
Dental Insurance	4,990	4,810	4,353	6,368	2,015	46.3%
Group Life Insurance/Other	4,861	4,832	4,830	5,370	540	11.2%
	2,956	3,130	3,947	4,287	340	8.6%
Total Insurance Programs	\$37,849	\$36,698	\$37,680	\$42,571	\$4,891	13.0%
Miscellaneous Programs:						
Severance Pay	\$4,410	\$4,142	\$4,078	\$4,342	\$264	6.5%
Sabbatical Leave	7,503	7,917	8,275	7,739	(536)	-6.5%
Other	3,688	4,447	5,040	5,044	4	0.1%
Total Miscellaneous Programs	\$15,601	\$16,506	\$17,393	\$17,125	(\$268)	-1.5%
Total Staff Benefits Programs Expense	\$177,461	\$180,266	\$151,885	\$159,582	\$7,697	5.1%
Carry-forward/Adjustment from Prior Year(s)	(23,159)	(7,180)	(1,571)	(858)	713	-45.4%
Total Expense with Carry-forward/Adjustments	\$154,302	\$173,086	\$150,314	\$158,724	\$8,410	5.6%
Average Blended Rate	26.2%	28.6%	24.5%	24.7%		

Note: The University moved to a system with three separate benefit rates in 1997/98. The single rate shown just above for 1998/99 is the weighted average of the three rates, which are 25.4% for regular employees (all faculty and staff with continuing appointments of half-time or more), 14.6% for post-doctoral scholars, and 8.4% for contingent (casual or temporary) employees.

SCHEDULE 12

**Sponsored Research Expense by Agency and Fund Source¹
1990/91 through 1996/97**

	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97
US Government							
Sub-Total for US							
Government Agencies	\$245,244	\$267,449	\$256,713	\$271,326	\$275,580	\$298,149	\$336,661
Agency²							
DoD	\$35,054	\$36,133	\$41,972	\$40,384	\$44,390	\$48,185	\$53,984
DoE (Except SLAC) ³	20,265	24,558	10,328	9,216	9,049	7,958	8,309
NASA	53,903	62,925	53,892	57,394	58,728	66,626	84,449
DoEd	886	819	172			301	2,173
HHS	107,162	111,180	117,077	129,306	125,440	132,754	141,897
NSF	21,805	23,840	24,539	25,436	28,230	29,969	32,730
Other US Sponsors	6,169	7,994	8,733	9,590	9,743	12,356	13,119
Direct Expense-US	182,072	201,742	185,314	192,758	199,909	215,825	252,806
Indirect Expense-US	63,172	65,707	71,399	78,568	75,671	82,324	83,855
Non-US Government							
Subtotal for Non-US							
Government	\$34,936	\$35,946	\$35,982	\$40,566	\$41,245	\$44,307	\$48,836
Direct Expense-Non US	28,590	29,083	28,791	32,640	33,257	35,804	39,430
Indirect Expense-Non US	6,346	6,863	7,191	7,926	7,988	8,503	9,406
Grand Totals-US plus Non-US Government							
Grand Total	\$280,180	\$303,395	\$292,695	\$311,892	\$316,825	\$342,456	\$385,497
Grand Total Direct	\$210,662	\$230,825	\$214,105	\$225,398	\$233,166	\$251,629	\$292,236
Grand Total Indirect	\$69,518	\$72,570	\$78,590	\$86,494	\$83,659	\$90,827	\$93,261
% US Government							
(Total)	87.5%	88.2%	87.7%	87.0%	87.0%	87.1%	87.3%

1 Figures are only for sponsored research and are in thousands of dollars. SLAC expense is not included in this table.

2 Agency figures include both direct and indirect expense. Agency names are abbreviated as follows:
 DoD=Department of Defense DoEd=Department of Education
 DoE=Department of Energy HHS=Department of Health and Human Services
 NASA=National Aeronautics and Space Administration NSF=National Science Foundation

3 The decline in 1992/93 in research sponsored by DoE is primarily due to the migration of SSRL to SLAC.

SCHEDULE 13

Plant Expenditures by Unit¹
1990/91 through 1996/97

Unit	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97
GSB	\$3,386	\$1,834	\$437	\$90	\$116	\$1,124	\$2,767
Earth Science	317	6,325	12,792	3,288	793	284	1,754
Education	1				161	187	1,127
Engineering	1,042	593	2,253	9,293	32,839	40,626	26,509
H & S	15,720	5,776	12,676	15,488	22,445	26,448	28,576
Law				129	7	34	391
Medicine ²	21,077	22,760	21,408	12,479	3,160	2,346	10,908
Libraries	1,319	2,505	6,544	413	1,852	5,783	10,000
DAPER	1,696	521	4,502	18,542	2,399	3,968	7,856
Housing	13,917	10,012	11,562	11,944	26,567	21,424	43,398
All Other ³	25,163	25,007	28,634	20,300	14,864	21,664	54,004
TOTAL	\$83,638	\$75,333	\$100,808	\$91,966	\$105,203	\$123,888	\$187,290

Source: Schedule G-5 in the Annual Financial Report

1 Expenditures are in thousands of dollars, are from either Plant or borrowed funds, and are for building construction or improvements, or infrastructure.

2 Includes the Faculty Practice Program when separately identified.

3 Includes General Plant Improvements expense.

SCHEDULE 14

**Endowment Market Value and Rate of Return
1986/87 through 1996/97**

Year	Market Value of the Endowment (in thousands) ¹	Annual Nominal Rate of Return	Annual Real Rate of Return ²
1986/87	1,839,490	29.7%	26.9%
1987/88	1,710,198	-5.2%	-8.9%
1988/89	2,083,916	23.5%	19.0%
1989/90	2,060,305	0.3%	-3.8%
1990/91	2,299,483	17.3%	13.3%
1991/92	2,428,491	7.8%	5.2%
1992/93	2,853,366	19.0%	16.4%
1993/94	3,034,533	8.5%	6.5%
1994/95	3,402,825	15.2%	13.5%
1995/96	3,779,420	20.2%	18.2%
1996/97	4,667,002	23.4%	21.2%

Source: Stanford University Annual Financial Report

1 Includes endowment funds subject to living trust agreements.

2 The real rate of return is the nominal rate less the rate of price increases. The latter is measured by the Gross Domestic Product price deflator.

