



HUNTER COLLEGE

Annual Report of Grants and Contracts

July 1, 1997 through June 30, 1998



OPENING REMARKS

Renowned throughout its 128-year history as an institution of higher learning dedicated to giving a quality education to the citizens of New York, Hunter College also has earned a reputation for excellence in research and service to the community. Research and service are funded by successful pursuit of grants and contracts for a variety of projects and programs.

During the fiscal year that concluded on June 30, 1998, Hunter College was awarded \$27 million for the support of research projects, training initiatives, program development, and community service. Success in being awarded these grants is a recognition of the talent and dedication of the faculty, staff and students.

As we begin the new academic year with the newly established School of Arts and Sciences and School of Education joining the Schools of the Health Professions and the School of Social Work, we all look forward to building on the College's accomplishments in sponsored projects.

I am pleased to congratulate and thank everyone who contributed to the success of the 1997-98 pursuit of grants and contracts.

A handwritten signature in cursive script that reads 'Evangelos J. Gizis'.

Evangelos J. Gizis
Acting Provost

August, 1998



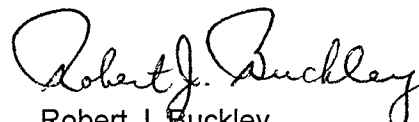
A Note from the Director

We are delighted to report an increase in funding to \$27,000,856 -- a new record for Hunter College. Our dollar volume is more than double the level of ten years ago.

Preparation of our annual *Report of Grants and Contracts* gives us a few moments to reflect on the last year. In no particular order, we recall:

- Fellowships -- the American Psychological Association, Center for the Study of American Religion, Guggenheim, NIH, National Research Council, U.S. Institute of Peace
- Awards that have resulted in faculty, students and recent graduates pursuing their interests in Africa, Asia, Australia, Europe, North and South America, plus Iceland; a variety of research institutes and sites including the Marine Biological Laboratory in Massachusetts, the Jet Propulsion Laboratory in California, the U. S. Congress, and a multitude of other locations
- The re-instatement, at least for this past year, of the consortial arrangement involving our School of Social Work and six other schools of social service in New York City and Long Island
- Ever more complicated negotiations with funding sources
- Review of more than a hundred research protocols involving human subjects and animals
- The opening of Kossak Lecture Hall, a multimedia facility made possible by the generosity of the Kossak Family who met the Federal requirements by tripling the NEH Challenge Grant
- The successful conclusion of the College Capital Campaign
- Our first grants from the U. S. Department of Justice
- An ambitious Science and Technology Center proposal
- The departures from the College of Provost Laura Schor, Dean Erwin Fleissner, and Professors Gary Anderson and Eugenie Birch; the appointment of Professor Dolores Fernandez at Hostos Community College
- The announcement of a new Dean of the new School of Arts and Sciences, the appointment of an Acting Dean of Research, the re-assignment of faculty and staff members in the reorganized structure
- The recruiting of more than 40 new faculty, many of whom we hope will grace these pages with their awards in future years.

I hope you find this report to be of interest and value in providing an outline of the extramural and intramural support of our faculty and staff. Congratulations for these accomplishments goes to the faculty, staff and students who competed for these awards and who were instrumental in securing the grants and raising the funds.


Robert J. Buckley
Director

August 24, 1998

Table of Contents

- ◆ *Part I* *Funding for Sponsored Projects*
 - Section I-A* *Overview of External Funding* *(green pages)*
 - Section I-B* *Individual Project Listing* *(ivory pages)*
 - Section I-C* *Proposal Submissions* *(salmon pages)*

- ◆ *Part II* *Internal Funding of Projects*
 - Section II-A* *PSC-CUNY Research Award Program* *(blue pages)*
 - Section II-B* *Other Internal Support* *(cherry pages)*

- ◆ *Part III* *Overall Summary of Project Support* *(canary pages)*

Part I: Funding for Sponsored Projects

Summary of Grants and Contracts from External Sources

This part is divided into three sections:

Section I-A Overview of External Funding

Section I-B Individual Project Listing

Section I-C Proposal Submissions

Section I-A: Overview of External Funding

This section contains statistical information on grants and contracts from external sources, i.e., agencies of Federal, State, and City governments, foundations, corporations, and non-profit organizations. For the sake of making comparisons, figures are given for the quarter century beginning July 1, 1973.

Grants and contracts have undergone remarkable growth since the late 1970's. Viewing awards in ten-year increments, we used 1978 as the initial base year to illustrate growth:

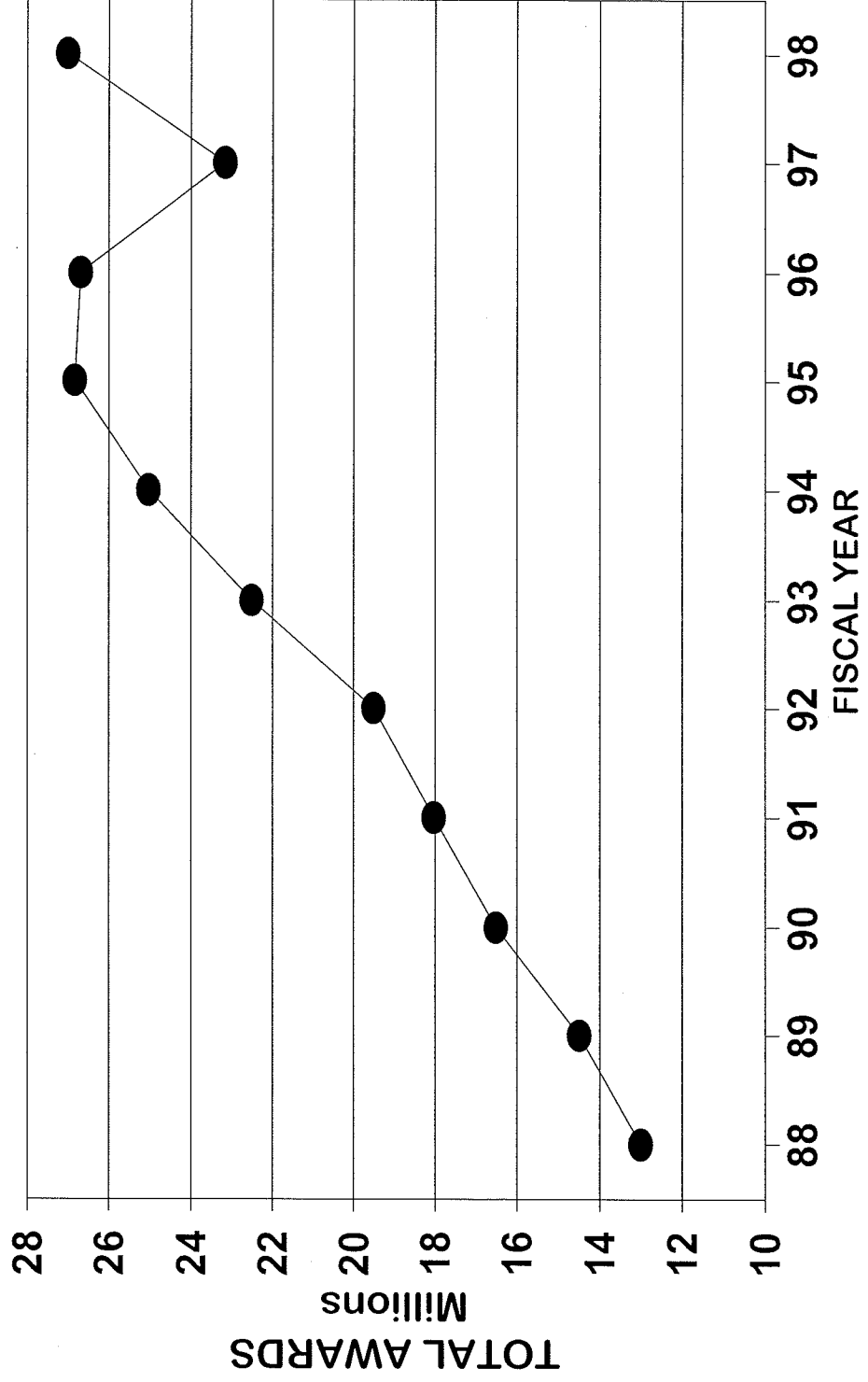
*Per Cent Increase in Dollar Volume by Source
by Decade since 1978*

	<u><i>Federal</i></u>	<u><i>State and City</i></u>	<u><i>Non-profits</i></u>	<u><i>Foundations</i></u>	<u><i>Total</i></u>
<i>from 1978 to 1988</i>	135%	1,515%	1,326%	478%	236%
<i>from 1988 to 1998</i>	29%	437%	308%	43%	105%

The "mix" of the source of grants has also undergone tremendous change. In 1978, Federal grants represented 85% of that year's grants. In 1998, Federal grants constituted only 37.1% of our \$27,000,856.

ANNUAL AWARDS

DOLLAR VOLUME

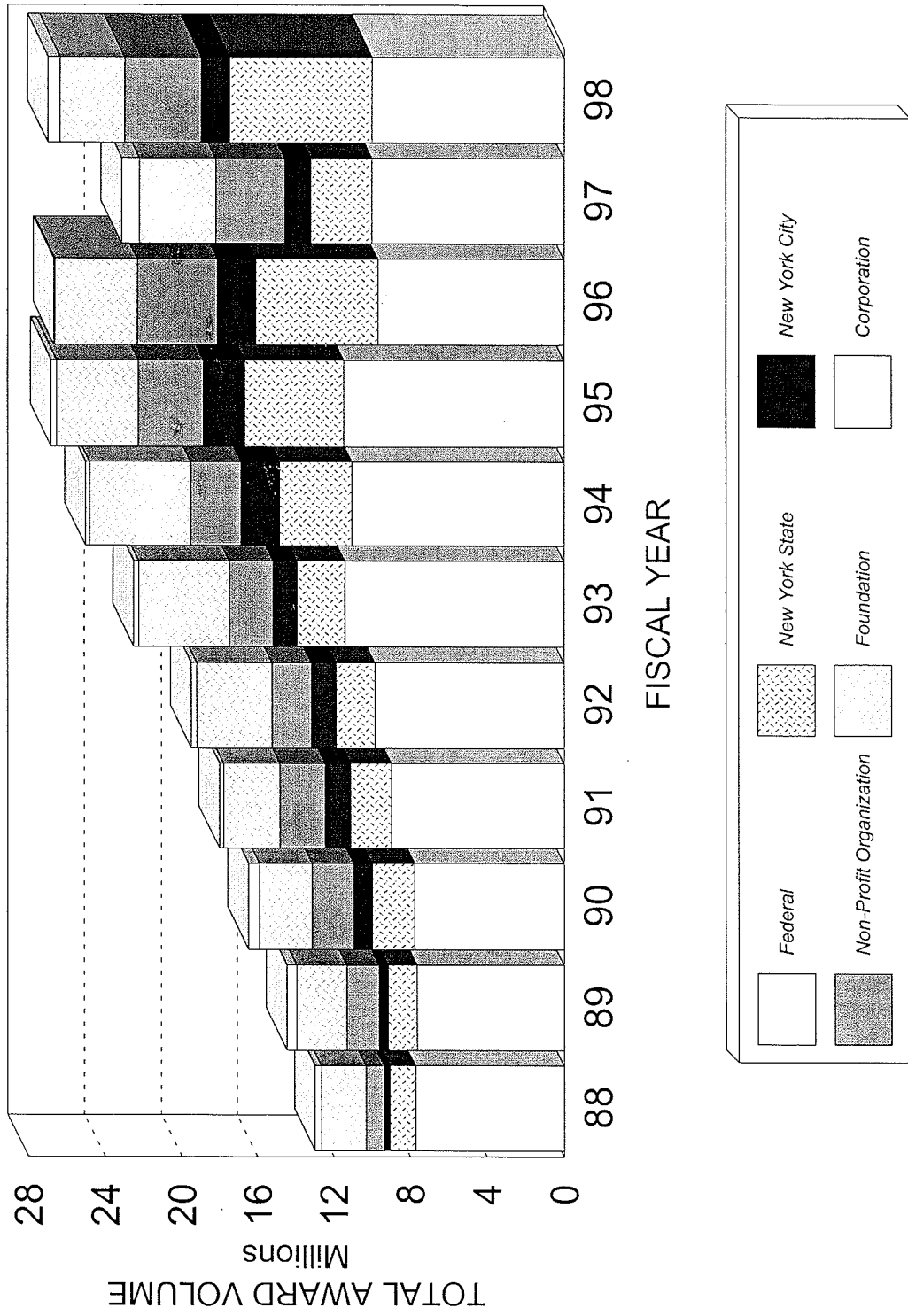


NUMBER OF AWARDS & TOTAL DOLLAR VOLUME BY SOURCE OF FUNDS

FISCAL YEAR	FEDERAL AWARDS		NY STATE AWARDS		NY CITY AWARDS		NON-PROFIT ORGANIZATIONS		FOUNDATIONS		CORPORATIONS		TOTAL AWARDS	
	No. of Projects	Amount	No. of Projects	Amount	No. of Projects	Amount	No. of Projects	Amount	No. of Projects	Amount	No. of Projects	Amount	No. of Projects	Amount
1974	57	\$2,923,161	3	\$39,877	3	\$160,632	14	\$166,779	2	\$20,000	0	\$0	79	\$3,310,449
1975	49	\$2,208,075	1	\$28,463	4	\$147,760	9	\$118,519	6	\$460,907	0	\$0	69	\$2,963,724
1976	53	\$2,628,363	2	\$54,509	3	\$35,003	13	\$237,943	3	\$71,614	0	\$0	74	\$3,027,432
1977	46	\$2,814,642	6	\$146,248	1	\$18,749	4	\$130,897	2	\$83,256	0	\$0	59	\$3,193,792
1978	51	\$3,299,214	1	\$89,344	1	\$9,954	4	\$68,237	9	\$404,873	0	\$0	66	\$3,871,622
1979	55	\$3,534,061	5	\$189,410	1	\$4,200	8	\$149,683	6	\$158,166	2	\$1,450	77	\$4,036,970
1980	63	\$4,705,522	5	\$209,894	2	\$88,996	14	\$275,043	8	\$380,821	2	\$7,802	94	\$5,668,078
1981	62	\$4,861,728	9	\$488,944	2	\$47,542	18	\$466,575	11	\$714,975	1	\$500	103	\$6,560,264
1982	59	\$4,657,196	9	\$622,058	2	\$53,375	19	\$499,090	24	\$1,119,620	5	\$72,974	118	\$7,024,313
1983	57	\$4,393,499	7	\$479,458	2	\$17,972	29	\$544,650	27	\$1,026,640	11	\$198,000	133	\$6,660,219
1984	56	\$4,539,785	7	\$714,232	1	\$2,000	37	\$756,266	20	\$1,124,409	9	\$67,750	130	\$7,204,442
1985	54	\$5,433,797	6	\$757,899	4	\$20,112	32	\$700,662	24	\$1,110,652	9	\$115,560	129	\$8,138,682
1986	65	\$6,924,044	11	\$1,454,289	3	\$99,644	40	\$862,366	47	\$1,263,989	11	\$147,583	177	\$10,751,915
1987	81	\$6,952,011	12	\$1,004,615	11	\$246,955	62	\$1,229,537	56	\$1,643,571	19	\$447,144	241	\$11,523,833
1988	84	\$7,761,673	31	\$1,312,767	17	\$291,723	68	\$972,960	74	\$2,341,102	17	\$320,200	291	\$13,000,425
1989	77	\$7,645,072	24	\$1,515,104	17	\$488,584	93	\$1,679,230	75	\$2,652,551	14	\$499,802	300	\$14,480,343
1990	70	\$7,791,774	21	\$2,204,517	17	\$966,185	101	\$2,209,503	80	\$2,763,662	22	\$578,955	311	\$16,514,596
1991	80	\$8,983,183	23	\$2,170,734	14	\$1,311,503	102	\$2,372,880	69	\$2,976,730	12	\$209,100	300	\$18,024,130
1992	78	\$9,846,693	23	\$2,039,645	19	\$1,293,735	88	\$2,072,802	84	\$3,966,290	10	\$282,290	302	\$19,501,455
1993	82	\$11,412,098	24	\$2,529,906	21	\$1,252,554	86	\$2,294,984	81	\$4,729,009	11	\$289,635	305	\$22,508,186
1994	84	\$11,054,227	31	\$3,772,305	21	\$2,083,664	85	\$2,596,090	78	\$5,297,035	6	\$236,271	305	\$25,039,592
1995	87	\$11,474,558	48	\$5,210,677	18	\$2,193,867	89	\$3,407,911	76	\$4,245,786	8	\$304,236	326	\$26,837,035
1996	86	\$9,722,983	51	\$6,375,062	20	\$2,035,168	113	\$4,222,366	77	\$4,269,947	10	\$58,914	357	\$26,684,440
1997	97	\$10,032,270	45	\$3,186,389	22	\$1,383,771	100	\$3,622,855	71	\$3,978,547	13	\$952,319	348	\$23,156,151
1998	95	\$10,023,217	37	\$7,462,945	22	\$1,504,105	132	\$3,989,147	68	\$3,362,862	11	\$658,580	365	\$27,000,856

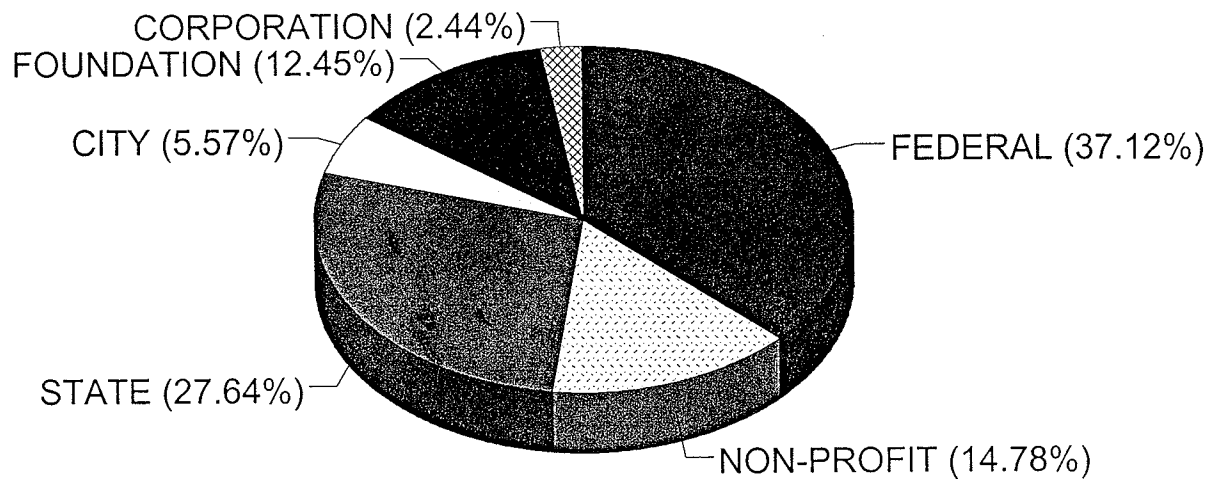
SOURCES OF GRANTS & CONTRACTS

ANNUAL COMPARISON



COMPARISON OF SOURCES

PERCENTAGE OF AMOUNT AWARDED - FY 1998



AWARDS RECEIVED IN FISCAL YEAR 1998 BY SOURCE

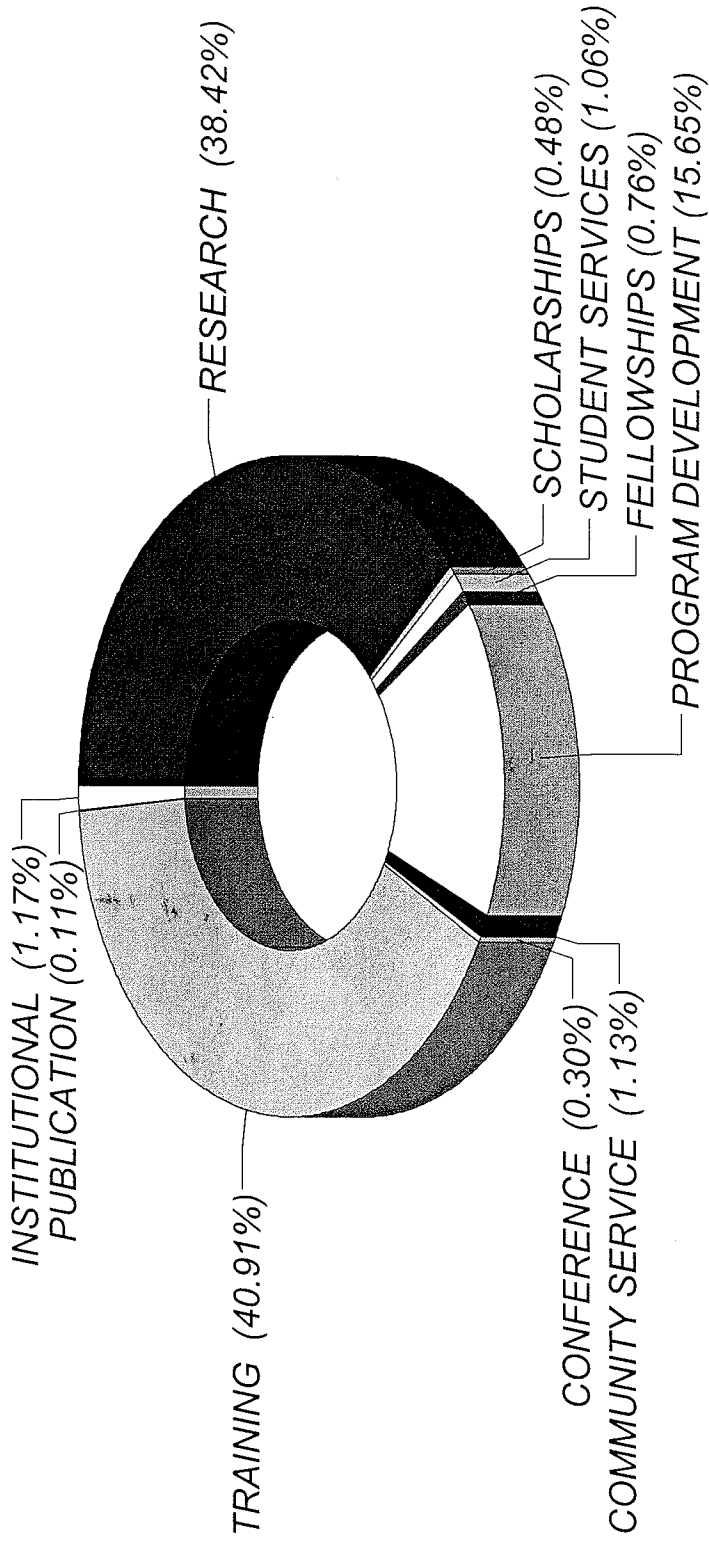
<u>SOURCE</u>	<u>NUMBER OF AWARDS</u>	<u>AMOUNT RECEIVED</u>	<u>PERCENTAGE OF NUMBER OF AWARDS</u>	<u>PERCENTAGE OF TOTAL DOLLARS</u>
FEDERAL	95	\$10,023,217	26.03%	37.12%
STATE	37	\$7,462,945	10.14%	27.64%
CITY	22	\$1,504,105	6.03%	5.57%
FOUNDATION	68	\$3,360,462	18.63%	12.45%
CORPORATION	11	\$658,580	3.01%	2.44%
NON-PROFIT	132	\$3,991,547	36.16%	14.78%
TOTAL	365	\$27,000,856	100.00%	100.00%

EXTERNAL AWARDS RECEIVED IN FISCAL 1998: CLASSIFICATION BY PURPOSE

<u>CLASSIFICATION</u>	<u>Number of Awards</u>	<u>Amount Received</u>	<u>Percentage of Awards</u>	<u>Percentage of Amount</u>
RESEARCH	148	\$10,374,222	40.55%	38.42%
TRAINING	90	\$11,045,974	24.66%	40.91%
PROGRAM DEVELOPMENT	84	\$4,226,521	23.01%	15.65%
COMMUNITY SERVICE	6	\$305,506	1.64%	1.13%
SCHOLARSHIP	7	\$128,999	1.92%	0.48%
STUDENT SERVICES	1	\$287,357	0.27%	1.06%
FELLOWSHIPS	5	\$204,510	1.37%	0.76%
CONFERENCE	11	\$82,036	3.01%	0.30%
PUBLICATION	6	\$29,296	1.64%	0.11%
INSTITUTIONAL	7	\$316,435	1.92%	1.17%
TOTAL	<u>365</u>	<u>\$27,000,856</u>	<u>100.0%</u>	<u>100.0%</u>

CLASSIFICATION OF AWARDS BY PURPOSE

PERCENTAGE OF AMOUNT AWARDED - FY 1998



CLASSIFICATION OF AWARDS BY PURPOSE

	FY 1989		FY 1990		FY 1991		FY 1992		FY 1993	
	No. of Projects	Amount Awarded	No. of Projects	Amount Awarded	No. of Projects	Amount Awarded	No. of Projects	Amount Awarded	No. of Projects	Amount Awarded
RESEARCH	103	\$6,004,923	108	\$6,869,557	112	\$7,815,463	99	\$8,607,599	111	\$9,781,314
TRAINING	79	\$3,754,064	78	\$4,687,084	80	\$5,598,032	85	\$5,273,711	84	\$6,372,921
COMMUNITY SERVICE	18	\$392,142	6	\$175,784	4	\$200,058	11	\$396,871	8	\$463,615
PROGRAM DEVELOPMENT	70	\$2,713,910	78	\$3,804,673	75	\$3,538,396	70	\$4,250,886	72	\$4,656,270
FELLOWSHIP	4	\$301,300	2	\$44,104	2	\$89,000	2	\$102,950	2	\$116,730
PUBLICATION	3	\$128,370	8	\$141,595	7	\$172,057	9	\$170,035	7	\$214,643
CONFERENCE	8	\$123,802	14	\$142,378	6	\$40,655	6	\$36,610	8	\$135,285
SCHOLARSHIP	9	\$521,359	11	\$296,991	8	\$208,616	12	\$194,314	10	\$405,418
STUDENT SERVICES	3	\$236,058	1	\$208,944	1	\$217,354	1	\$234,606	1	\$253,990
INSTITUTIONAL	3	\$304,415	5	\$143,486	5	\$144,499	6	\$159,012	0	\$0
DEMONSTRATION	0	\$0	0	\$0	0	\$0	1	\$74,861	2	\$108,000
EXHIBITION	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
MISCELLANEOUS	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
TOTALS	300	\$14,480,343	311	\$16,514,596	300	\$18,024,130	302	\$19,501,455	305	\$22,508,186

CLASSIFICATION OF AWARDS BY PURPOSE

	FY 1994		FY 1995		FY 1996		FY 1997		FY 1998	
	<u>No. of Projects</u>	<u>Amount Awarded</u>	<u>No. of Projects</u>	<u>Amount Awarded</u>	<u>No. of Projects</u>	<u>Amount Awarded</u>	<u>No. of Projects</u>	<u>Amount Awarded</u>	<u>No. of Projects</u>	<u>Amount Awarded</u>
RESEARCH	121	\$11,828,152	138	\$12,217,261	167	\$13,023,263	159	\$11,050,797	148	\$10,374,222
TRAINING	79	\$8,111,353	81	\$8,678,185	76	\$6,647,700	67	\$5,362,983	90	\$11,045,974
COMMUNITY SERVICE	6	\$267,039	3	\$170,794	4	\$178,337	7	\$325,282	6	\$305,506
PROGRAM DEVELOPMENT	70	\$3,943,470	75	\$4,664,592	86	\$4,980,703	88	\$4,533,329	84	\$4,226,521
FELLOWSHIP	3	\$135,100	2	\$115,685	2	\$188,350	0	\$0	5	\$204,510
PUBLICATION	6	\$46,110	6	\$33,527	5	\$37,510	8	\$73,030	6	\$29,296
CONFERENCE	4	\$55,030	7	\$68,024	2	\$4,136	3	\$21,735	11	\$82,036
SCHOLARSHIP	6	\$105,505	7	\$164,466	9	\$180,701	9	\$213,162	7	\$128,999
STUDENT SERVICES	2	\$261,303	2	\$268,757	1	\$276,305	1	\$276,305	1	\$287,357
INSTITUTIONAL	7	\$237,275	3	\$326,489	5	\$1,167,435	5	\$396,883	7	\$316,435
DEMONSTRATION	1	\$49,255	2	\$129,255	0	\$0	1	\$902,645	0	\$0
EXHIBITION	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
MISCELLANEOUS	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
TOTALS	<u>305</u>	<u>\$25,039,592</u>	<u>326</u>	<u>\$26,837,035</u>	<u>357</u>	<u>\$26,684,440</u>	<u>348</u>	<u>\$23,156,151</u>	<u>365</u>	<u>\$27,000,856</u>

GRANTS AND CONTRACTS BY REGION

DIVISION/SCHOOL/ CENTER/OFFICE	FY1989		FY1990		FY1991		FY1992		FY1993	
	No. of Projects	Amount Awarded	No. of Projects	Amount Awarded	No. of Projects	Amount Awarded	No. of Projects	Amount Awarded	No. of Projects	Amount Awarded
HEALTH PROFESSIONS (est.: July 1997)										
HEALTH SCIENCES	41	\$1,257,418	37	\$1,624,692	42	\$1,579,077	40	\$1,989,568	7	\$241,045
NURSING	7	\$541,010	5	\$462,535	8	\$789,598	10	\$886,689	9	\$734,393
HUMANITIES & ARTS	4	\$129,220	3	\$11,090	2	\$5,500	1	\$2,500	1	\$5,715
PROGRAMS IN EDUCATION	37	\$1,973,786	32	\$2,054,673	31	\$2,252,443	34	\$2,292,072	34	\$2,976,993
SCIENCES & MATHEMATICS	47	\$4,008,170	63	\$5,056,854	63	\$5,671,236	61	\$6,117,801	61	\$6,586,062
SOCIAL SCIENCES	47	\$1,685,613	46	\$1,518,711	41	\$1,890,016	36	\$1,480,178	41	\$2,084,302
SOCIAL WORK	34	\$1,163,776	21	\$1,007,445	21	\$1,485,135	26	\$1,496,720	26	\$1,648,378
BROOKDALE CENTER ON AGING	48	\$2,231,029	53	\$2,543,315	56	\$2,502,116	48	\$2,429,126	41	\$2,662,895
CENTER FOR AIDS, DRUGS AND COMMUNITY HEALTH									19	\$1,707,884
CENTER FOR OCCUPATIONAL AND ENVIRONMENTAL HEALTH									13	\$439,558
CENTRO DE ESTUDIOS PUERTORRIQUENOS	20	\$421,615	23	\$716,524	12	\$520,712	15	\$843,133	19	\$842,877
CENTER FOR STUDY OF FAMILY POLICY			6	\$394,474	10	\$396,606	12	\$467,291	15	\$774,109
OFFICES OF PRESIDENT AND PROVOST	8	\$725,927	11	\$713,017	9	\$613,789	11	\$1,079,967	9	\$1,117,279
OFFICE OF V.P. FOR ADMINISTRATION	1	\$29,198	1	\$11,748	1	\$33,492	1	\$24,412	1	\$30,936
OFFICE OF V.P. FOR STUDENT SERVICES	6	\$313,581	7	\$306,266	4	\$306,902	5	\$333,060	5	\$433,063
CENTER FOR MEDIA AND LEARNING			4	\$105,000	1	\$11,000	3	\$83,350	5	\$253,633
TOTAL NUMBER OF AWARDS AND TOTAL DOLLARS	<u>300</u>	<u>\$14,480,343</u>	<u>312</u>	<u>\$16,526,344</u>	<u>301</u>	<u>\$18,057,622</u>	<u>303</u>	<u>\$19,525,867</u>	<u>306</u>	<u>\$22,539,122</u>

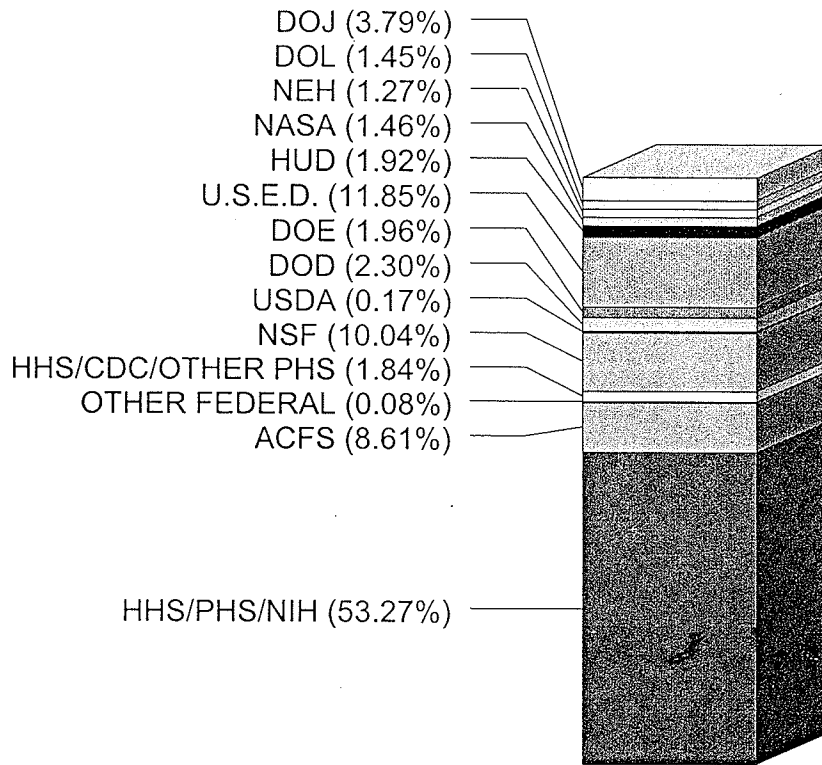
Note: The Center for the Study of Family Policy was instituted in fiscal year 1990. The Center for Media & Learning (American Social History Project) joined Hunter College in fiscal year 1990; it was transferred to the CUNY Graduate School & University Center on July 1, 1996. 1993 marked the first full fiscal year for the Center for AIDS, Drugs, & Community Health and the Center for Occupational & Environmental Health. Grants for the two centers were previously shown with the School of Health Sciences.

GRANTS AND CONTRACTS BY REGION

DIVISION/SCHOOL CENTER/OFFICE	FY1994		FY1995		FY1996		FY1997		FY1998	
	No. of Projects	Amount Awarded	No. of Projects	Amount Awarded	No. of Projects	Amount Awarded	No. of Projects	Amount Awarded	No. of Projects	Amount Awarded
HEALTH PROFESSIONS (est.: July 1997)										
HEALTH SCIENCES	6	\$313,372	6	\$380,253	8	\$358,656	10	\$179,682	12	\$345,738
NURSING	9	\$661,959	7	\$434,814	6	\$289,801	6	\$256,209	7	\$240,628
HUMANITIES & ARTS	4	\$164,190	4	\$268,662	4	\$273,639	4	\$289,104	6	\$239,827
PROGRAMS IN EDUCATION	31	\$2,685,348	31	\$2,907,940	30	\$2,619,466	33	\$2,581,462	38	\$2,338,953
SCIENCES & MATHEMATICS	66	\$7,127,970	78	\$7,736,044	101	\$8,586,391	99	\$9,059,334	89	\$8,080,733
SOCIAL SCIENCES	32	\$1,747,624	40	\$2,553,492	45	\$3,172,426	42	\$2,042,832	39	\$2,345,323
SOCIAL WORK	30	\$3,128,613	34	\$4,020,297	32	\$3,237,125	36	\$1,992,970	33	\$6,458,880
BROOKDALE CENTER ON AGING	50	\$2,736,134	39	\$2,660,915	48	\$2,425,285	49	\$2,267,980	53	\$2,571,511
CENTER FOR AIDS, DRUGS AND COMMUNITY HEALTH	14	\$2,067,889	15	\$1,408,172	21	\$2,237,909	20	\$2,436,229	27	\$2,034,218
CENTER FOR OCCUPATIONAL AND ENVIRONMENTAL HEALTH	10	\$543,621	12	\$497,175	13	\$810,954	11	\$414,298	16	\$706,073
CENTRO DE ESTUDIOS PUERTORRIQUENOS	16	\$955,836	17	\$973,692	12	\$242,966	7	\$109,650	14	\$320,542
CENTER FOR STUDY OF FAMILY POLICY	18	\$1,149,017	21	\$869,129	16	\$720,196	15	\$405,945	17	\$379,965
OFFICES OF PRESIDENT AND PROVOST	10	\$809,977	12	\$1,043,649	12	\$510,165	8	\$579,669	7	\$413,345
OFFICE OF V.P. FOR ADMINISTRATION	1	\$42,695	1	\$42,695	1	\$39,317	1	\$32,217	1	\$26,223
OFFICE OF V.P. FOR STUDENT SERVICES	6	\$430,712	6	\$468,281	6	\$528,217	7	\$508,570	6	\$498,897
CENTER FOR MEDIA AND LEARNING	3	\$517,330	4	\$614,520	3	\$671,244				
TOTAL NUMBER OF AWARDS AND TOTAL DOLLARS	<u>306</u>	<u>\$25,082,287</u>	<u>327</u>	<u>\$26,879,730</u>	<u>358</u>	<u>\$26,723,757</u>	<u>348</u>	<u>\$23,156,151</u>	<u>365</u>	<u>\$27,000,856</u>

Note: The highest figure achieved in a single year by each region (i.e., division, school, center, or office) is highlighted.

BREAKDOWN OF FEDERAL SUPPORT



BREAKDOWN OF FEDERAL SUPPORT – FY 1998

<u>Agency</u>	<u>Amount</u>	<u>Percentage of FY 1997 Federal Awards</u>
Department of Health & Human Services (HHS)		
<i>Public Health Service/National Institutes of Health</i>	\$5,328,531	53.16%
<i>Public Health Service/Centers for Disease Control and other PHS</i>	\$184,459	1.84%
<i>Administration for Children and Families</i>	\$860,800	8.59%
National Science Foundation (NSF)	\$1,004,443	10.02%
U. S. Education Department (U.S.E.D.)	\$1,184,926	11.82%
Department of Defense (DOD)	\$230,013	2.29%
National Endowment for the Humanities (NEH)	\$127,513	1.27%
U. S. Department of Energy	\$196,000	1.96%
U. S. Department of Labor	\$145,000	1.45%
National Aeronautics & Space Administration (NASA)	\$145,970	1.46%
U. S. Department of Housing and Urban Development	\$192,012	1.92%
U. S. Department of Justice	\$378,891	3.78%
White House	\$20,000	0.20%
U. S. Department of Agriculture (USDA)	\$16,954	0.17%
Other Federal	\$7,705	0.08%
TOTAL	\$10,023,217	100.00%

FEDERAL SUPPORT TO DIVISIONS, SCHOOLS & PROGRAMS - FISCAL YEAR 1998

