



The City University of New York

Annual Report of Grants and Contracts

July 1, 1998 through June 30, 1999



OPENING REMARKS

As the decade of the 1990's draws to a close, Hunter College continues to build on its record of excellence in research and service to the community.

For the fifth time since 1993, the total of grants and contracts awarded to the faculty and staff of Hunter College have surpassed the \$25 million plateau. These grants are an affirmation of the expertise and devotion of our faculty and staff members to their students and their fields of endeavor.

Hunter College will greet the year 2000 with a strong base of support for research and training projects, program development and community service.

To everyone who had a part in the awarding of prestigious grants and contracts, I offer my congratulations and appreciation.

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

Evangelos J. Gizis
Acting Provost

August, 1999




A Note from the Director

We are pleased to report a funding level of \$25,268,449 from 375 projects. Although the dollar level dropped due to some new arrangements on several grants from State agencies, our dollar volume is more than double the level of ten years ago. The number of projects is the highest ever.

The technology available to us has made it possible for us to be in communication with faculty who travel to distant lands in connection with their research. In this past year alone, we have had faculty pursuing their research interests to all parts of the United States, other parts of North America, South America, Africa, Asia, and Europe, not to mention island nations such as Iceland.

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, 1999

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, 1974.

Grants and contracts have undergone remarkable growth since the late 1970's. Viewing awards in ten-year increments, we used 1979 as the initial base year to illustrate growth:

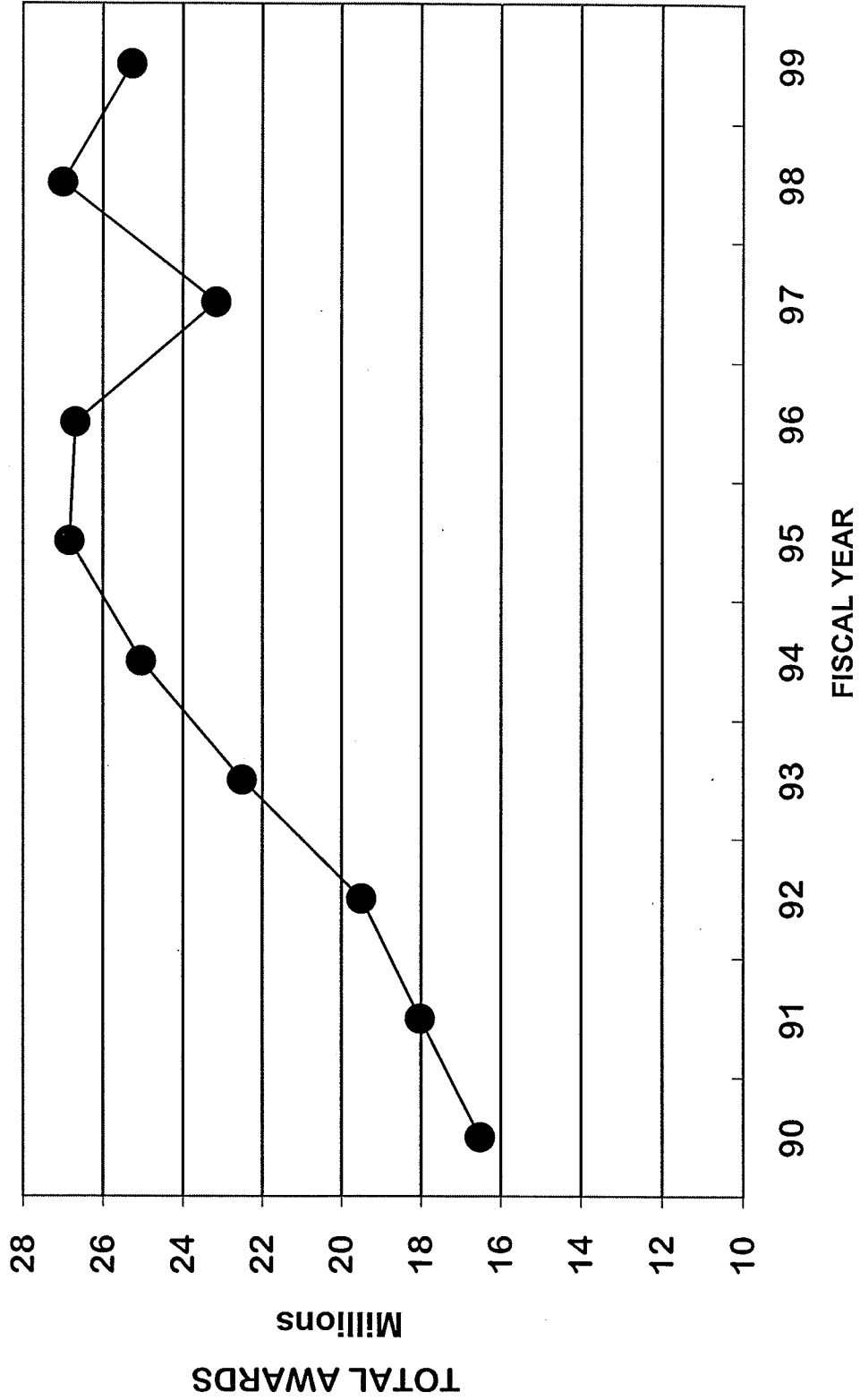
Per Cent Increase in Dollar Volume by Source
by Decade since 1979

	<u>Federal</u>	<u>State and City</u>	<u>Non-profits</u>	<u>Foundations</u>	<u>Total</u>
from 1979 to 1989	116%	935%	1,022%	1,875%	258%
from 1989 to 1999	38%	202%	160%	37%	75%

The "mix" of the source of grants has also undergone tremendous change. In 1979, Federal grants represented 85% of that year's grants. In 1999, Federal grants constituted only 41.66% of our \$25,268,449.

ANNUAL AWARDS

DOLLAR VOLUME

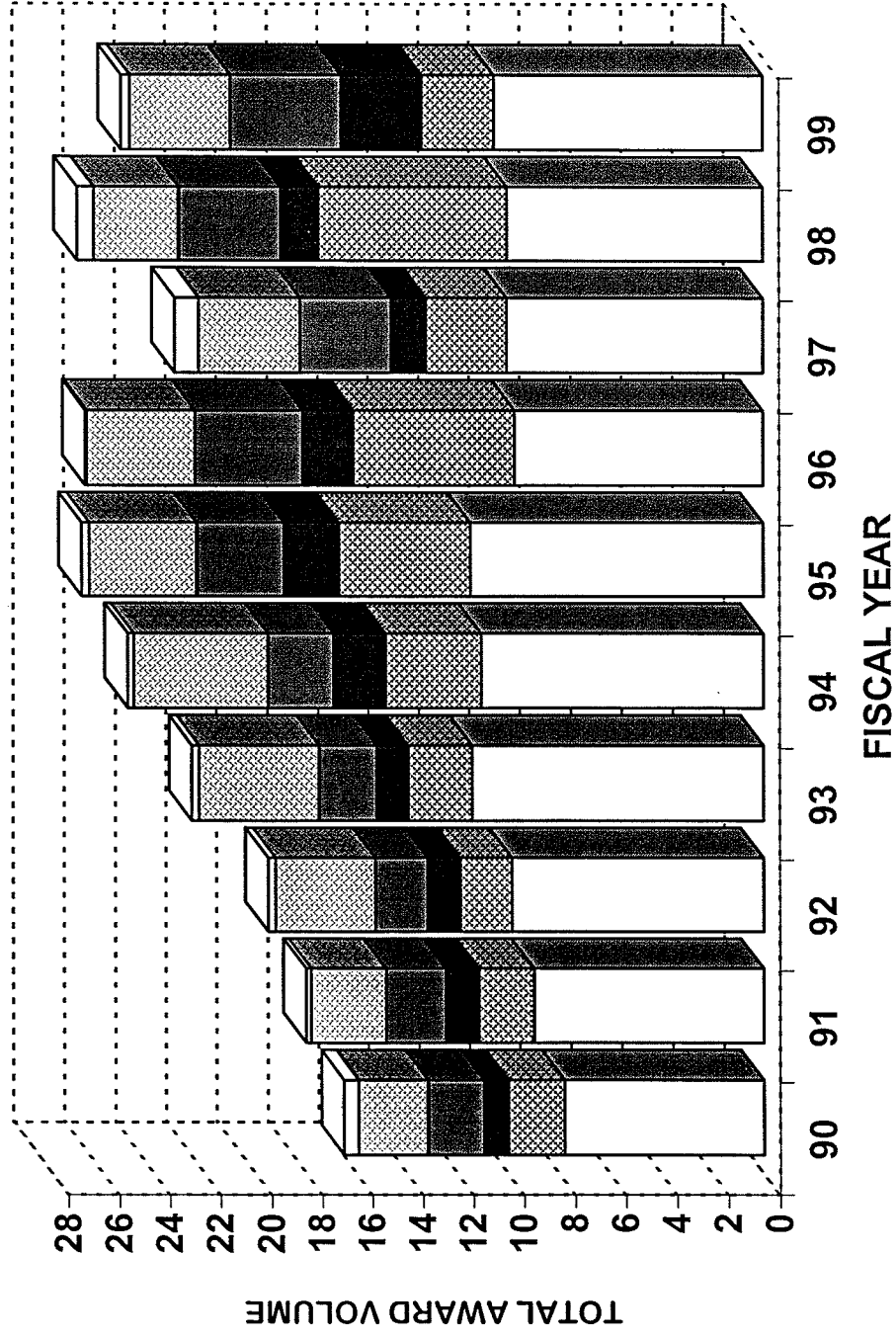


NUMBER OF AWARDS & TOTAL DOLLAR VOLUME BY SOURCE OF FUNDS

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
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	\$468,944	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
1999	87	\$10,525,660	40	\$2,853,909	26	\$3,205,283	132	\$4,360,428	75	\$3,982,783	15	\$340,386	375	\$25,288,449

SOURCES OF GRANTS & CONTRACTS

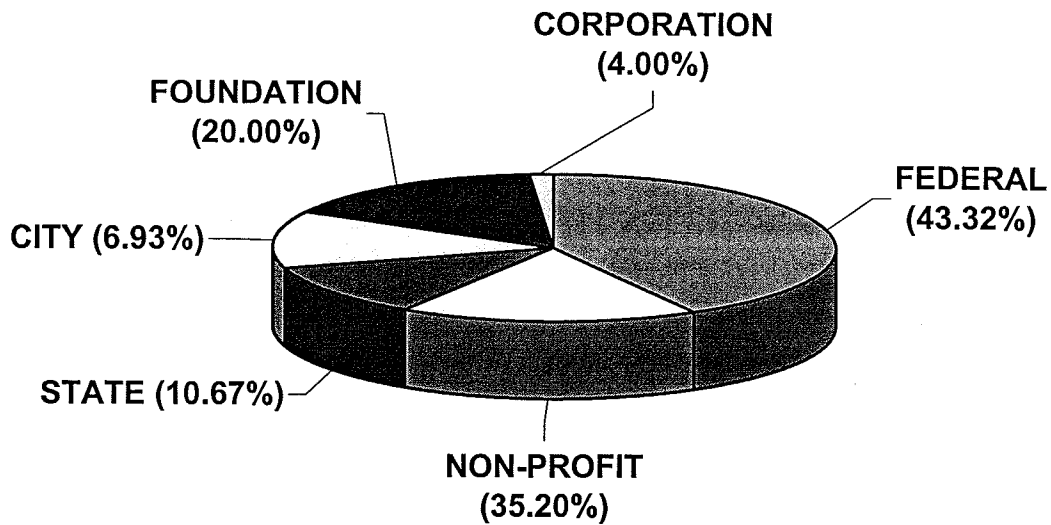
ANNUAL COMPARISON



- Federal
- New York City
- ▨ Foundation
- ▩ New York State
- Non-Profit Organization
- Corporation

COMPARISON OF SOURCES

PERCENTAGE OF AMOUNT AWARDED - FY 1999



AWARDS RECEIVED IN FISCAL YEAR 1999 BY SOURCE

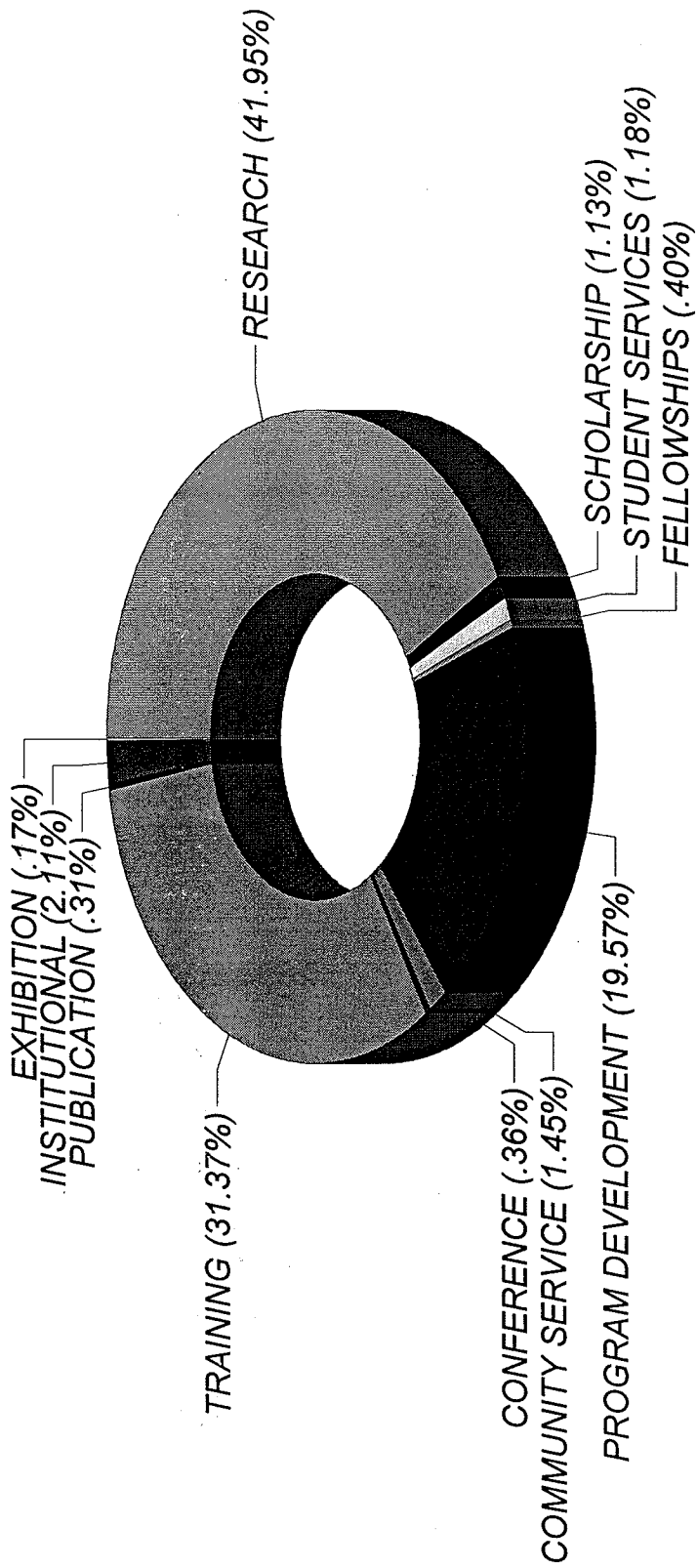
<u>SOURCE</u>	<u>NUMBER OF AWARDS</u>	<u>AMOUNT RECEIVED</u>	<u>PERCENTAGE OF NUMBER OF AWARDS</u>	<u>PERCENTAGE OF TOTAL DOLLARS</u>
FEDERAL	87	\$10,525,660	23.20%	41.66%
STATE	40	\$2,853,909	10.67%	11.29%
CITY	26	\$3,205,283	6.93%	12.68%
FOUNDATION	75	\$3,982,783	20.00%	15.76%
CORPORATION	15	\$340,386	4.00%	1.35%
NON-PROFIT	132	\$4,360,428	35.20%	17.26%
TOTAL	375	\$25,268,449	100.00%	100.00%

EXTERNAL AWARDS RECEIVED IN FISCAL 1999: 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	150	\$10,600,315	40.00%	41.95%
TRAINING	83	\$7,926,393	22.13%	31.37%
PROGRAM DEVELOPMENT	78	\$4,944,479	20.80%	19.57%
COMMUNITY SERVICE	8	\$366,891	2.13%	1.45%
SCHOLARSHIP	17	\$285,682	4.53%	1.13%
STUDENT SERVICES	1	\$298,851	0.27%	1.18%
FELLOWSHIPS	6	\$100,257	1.60%	0.40%
CONFERENCE	9	\$91,173	2.40%	0.36%
PUBLICATION	10	\$78,188	2.67%	0.31%
EXHIBITION	6	\$43,000	1.60%	0.17%
INSTITUTIONAL	7	\$533,220	1.87%	2.11%
TOTAL	<u>375</u>	<u>\$25,268,449</u>	<u>100.0%</u>	<u>100.0%</u>

CLASSIFICATION OF AWARDS BY PURPOSE

PERCENTAGE OF AMOUNT AWARDED - FY 1999



CLASSIFICATION OF AWARDS BY PURPOSE

	FY 1990		FY 1991		FY 1992		FY 1993		FY 1994	
	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	108	\$6,869,557	112	\$7,815,463	99	\$8,607,599	111	\$9,781,314	121	\$11,828,152
TRAINING	78	\$4,687,084	80	\$5,598,032	85	\$5,273,711	84	\$6,372,921	79	\$8,111,353
COMMUNITY SERVICE	6	\$175,784	4	\$200,058	11	\$396,871	8	\$463,615	6	\$267,039
PROGRAM DEVELOPMENT	78	\$3,804,673	75	\$3,538,396	70	\$4,250,886	72	\$4,656,270	70	\$3,943,470
FELLOWSHIP	2	\$44,104	2	\$89,000	2	\$102,950	2	\$116,730	3	\$135,100
PUBLICATION	8	\$141,595	7	\$172,057	9	\$170,035	7	\$214,643	6	\$46,110
CONFERENCE	14	\$142,378	6	\$40,655	6	\$36,610	8	\$135,285	4	\$55,030
SCHOLARSHIP	11	\$296,991	8	\$208,616	12	\$194,314	10	\$405,418	6	\$105,505
STUDENT SERVICES	1	\$208,944	1	\$217,354	1	\$234,606	1	\$253,990	2	\$261,303
INSTITUTIONAL	5	\$143,486	5	\$144,499	6	\$159,012	0	\$0	7	\$237,275
DEMONSTRATION	0	\$0	0	\$0	1	\$74,861	2	\$108,000	1	\$49,255
EXHIBITION	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
MISCELLANEOUS	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
TOTALS	<u>311</u>	<u>\$16,514,596</u>	<u>300</u>	<u>\$18,024,130</u>	<u>302</u>	<u>\$19,501,455</u>	<u>305</u>	<u>\$22,508,186</u>	<u>305</u>	<u>\$25,039,592</u>

CLASSIFICATION OF AWARDS BY PURPOSE

	FY 1995		FY 1996		FY 1997		FY 1998		FY 1999	
	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	138	\$12,217,261	167	\$13,023,263	159	\$11,050,797	148	\$10,374,222	150	\$10,600,315
TRAINING	81	\$8,678,185	76	\$6,647,700	67	\$5,362,983	90	\$11,045,974	83	\$7,926,393
COMMUNITY SERVICE	3	\$170,794	4	\$178,337	7	\$325,282	6	\$305,506	8	\$366,891
PROGRAM DEVELOPMENT	75	\$4,664,592	86	\$4,980,703	88	\$4,533,329	84	\$4,226,521	78	\$4,944,479
FELLOWSHIP	2	\$115,685	2	\$188,350	0	\$0	5	\$204,510	6	\$100,257
PUBLICATION	6	\$33,527	5	\$37,510	8	\$73,030	6	\$29,296	10	\$78,188
CONFERENCE	7	\$68,024	2	\$4,136	3	\$21,735	11	\$82,036	9	\$91,173
SCHOLARSHIP	7	\$164,466	9	\$180,701	9	\$213,162	7	\$128,999	17	\$285,682
STUDENT SERVICES	2	\$268,757	1	\$276,305	1	\$276,305	1	\$287,357	1	\$298,851
INSTITUTIONAL	3	\$326,489	5	\$1,167,435	5	\$396,883	7	\$316,435	7	\$533,220
DEMONSTRATION	2	\$129,255	0	\$0	1	\$902,645	0	\$0	0	\$0
EXHIBITION	0	\$0	0	\$0	0	\$0	0	\$0	6	\$43,000
MISCELLANEOUS	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
TOTALS	<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>	<u>375</u>	<u>\$25,268,449</u>

GRANTS AND CONTRACTS BY REGION

SCHOOL/DIVISION/ CENTER/OFFICE	FY1990		FY1991		FY1992		FY1993		FY1994	
	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
SCHOOL OF ARTS & SCIENCES (est. 7/1/98)										
Humanities & Arts	3	\$11,090	2	\$5,500	1	\$2,500	1	\$5,715	4	\$164,190
Sciences & Mathematics	63	\$5,056,854	63	\$5,671,236	61	\$6,117,801	61	\$6,586,062	66	\$7,127,970
Social Sciences	46	\$1,518,711	41	\$1,890,016	36	\$1,480,178	41	\$2,084,302	32	\$1,747,624
SCHOOL OF EDUCATION (est. 7/1/98)	32	\$2,054,673	31	\$2,252,443	34	\$2,292,072	34	\$2,976,993	31	\$2,685,348
SCHOOLS OF THE HEALTH PROFESSIONS (est. 7/1/97)										
HEALTH SCIENCES	37	\$1,624,692	42	\$1,579,077	40	\$1,989,568	7	\$241,045	6	\$313,372
NURSING	5	\$462,535	8	\$789,598	10	\$886,689	9	\$734,393	9	\$661,959
SCHOOL OF SOCIAL WORK	21	\$1,007,445	21	\$1,485,135	26	\$1,496,720	26	\$1,648,378	30	\$3,128,613
BROOKDALE CENTER ON AGING	53	\$2,543,315	56	\$2,502,116	48	\$2,429,126	41	\$2,662,895	50	\$2,736,134
CENTER FOR AIDS, DRUGS AND COMMUNITY HEALTH										
CENTER FOR OCCUPATIONAL AND ENVIRONMENTAL HEALTH										
CENTRO DE ESTUDIOS PUERTORRIQUENOS										
CENTER FOR STUDY OF FAMILY POLICY	23	\$716,524	12	\$520,712	15	\$849,133	19	\$842,877	16	\$955,896
OFFICES OF PRESIDENT AND PROVOST	6	\$394,474	10	\$396,606	12	\$467,291	15	\$774,109	18	\$1,149,017
OFFICE OF V.P. FOR ADMINISTRATION	11	\$713,017	9	\$613,789	11	\$1,079,967	9	\$1,117,279	10	\$809,977
OFFICE OF V.P. FOR STUDENT SERVICES	1	\$11,748	1	\$33,492	1	\$24,412	1	\$30,936	1	\$42,695
CENTER FOR MEDIA AND LEARNING	7	\$306,266	4	\$306,902	5	\$333,060	5	\$433,063	6	\$430,712
	4	\$105,000	1	\$11,000	3	\$83,350	5	\$253,633	3	\$517,330
TOTAL NUMBER OF AWARDS AND TOTAL DOLLARS	<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>	<u>306</u>	<u>\$25,082,287</u>

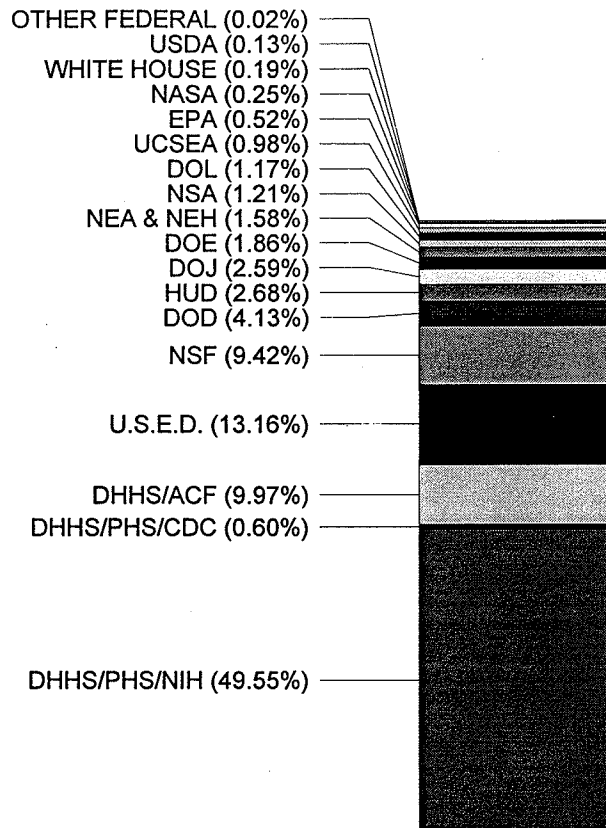
Note: The Center for the Study of Family Policy was instituted in fiscal year 1990. The Center for Media & Learning (American Social History Project) joined Hunter College in fiscal year 1990; it was transferred to the CUNY Graduate School & University Center on July 1, 1996. 1993 marked the first full 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

SCHOOL/DIVISION/ CENTER/OFFICE	FY1995		FY1996		FY1997		FY1998		FY1999	
	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
SCHOOL OF ARTS & SCIENCES (est. 7/1/98)	122	\$10,558,198	150	\$12,032,456	145	\$11,391,270	134	\$10,665,883	159	\$10,910,788
Humanities & Arts	4	\$268,662	4	\$273,639	4	\$289,104	6	\$239,827	17	\$346,946
Sciences & Mathematics	78	\$7,736,044	101	\$8,586,391	99	\$9,059,334	89	\$8,080,733	102	\$8,157,575
Social Sciences	40	\$2,553,492	45	\$3,172,426	42	\$2,042,832	39	\$2,345,323	40	\$2,406,267
SCHOOL OF EDUCATION (est. 7/1/98)	31	\$2,907,940	30	\$2,619,466	33	\$2,581,462	38	\$2,338,953	38	\$2,146,713
SCHOOLS OF THE HEALTH PROFESSIONS (est. 7/1/97)	13	\$815,067	14	\$648,457	16	\$435,891	19	\$586,366	19	\$628,349
HEALTH SCIENCES	6	\$380,253	8	\$358,656	10	\$179,682	12	\$345,738	12	\$360,721
NURSING	7	\$434,814	6	\$289,801	6	\$256,209	7	\$240,628	7	\$267,628
SCHOOL OF SOCIAL WORK	34	\$4,020,297	32	\$3,237,125	36	\$1,992,970	33	\$6,458,880	35	\$3,971,083
BROOKDALE CENTER ON AGING	39	\$2,660,915	48	\$2,425,285	49	\$2,267,980	53	\$2,571,511	46	\$2,266,779
CENTER FOR AIDS, DRUGS AND COMMUNITY HEALTH	15	\$1,408,172	21	\$2,237,909	20	\$2,436,229	27	\$2,034,218	20	\$2,637,407
CENTER FOR OCCUPATIONAL AND ENVIRONMENTAL HEALTH	12	\$497,175	13	\$810,954	11	\$414,298	16	\$706,073	12	\$589,181
CENTRO DE ESTUDIOS PUERTORRIQUENOS	17	\$973,692	12	\$242,966	7	\$109,650	14	\$320,542	6	\$286,283
CENTER FOR STUDY OF FAMILY POLICY	21	\$869,129	16	\$720,196	15	\$405,945	17	\$379,965	24	\$705,881
OFFICES OF PRESIDENT AND PROVOST	12	\$1,043,649	12	\$510,165	8	\$579,669	7	\$413,345	8	\$380,446
OFFICE OF V.P. FOR ADMINISTRATION	1	\$42,695	1	\$39,317	1	\$32,217	1	\$26,223	1	\$110,936
OFFICE OF V.P. FOR STUDENT SERVICES	6	\$468,281	6	\$528,217	7	\$508,570	6	\$498,897	7	\$634,603
CENTER FOR MEDIA AND LEARNING	4	\$614,520	3	\$671,244						
TOTAL NUMBER OF AWARDS AND TOTAL DOLLARS	327	\$26,879,730	358	\$26,723,757	348	\$23,156,151	365	\$27,000,856	375	\$25,268,449

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

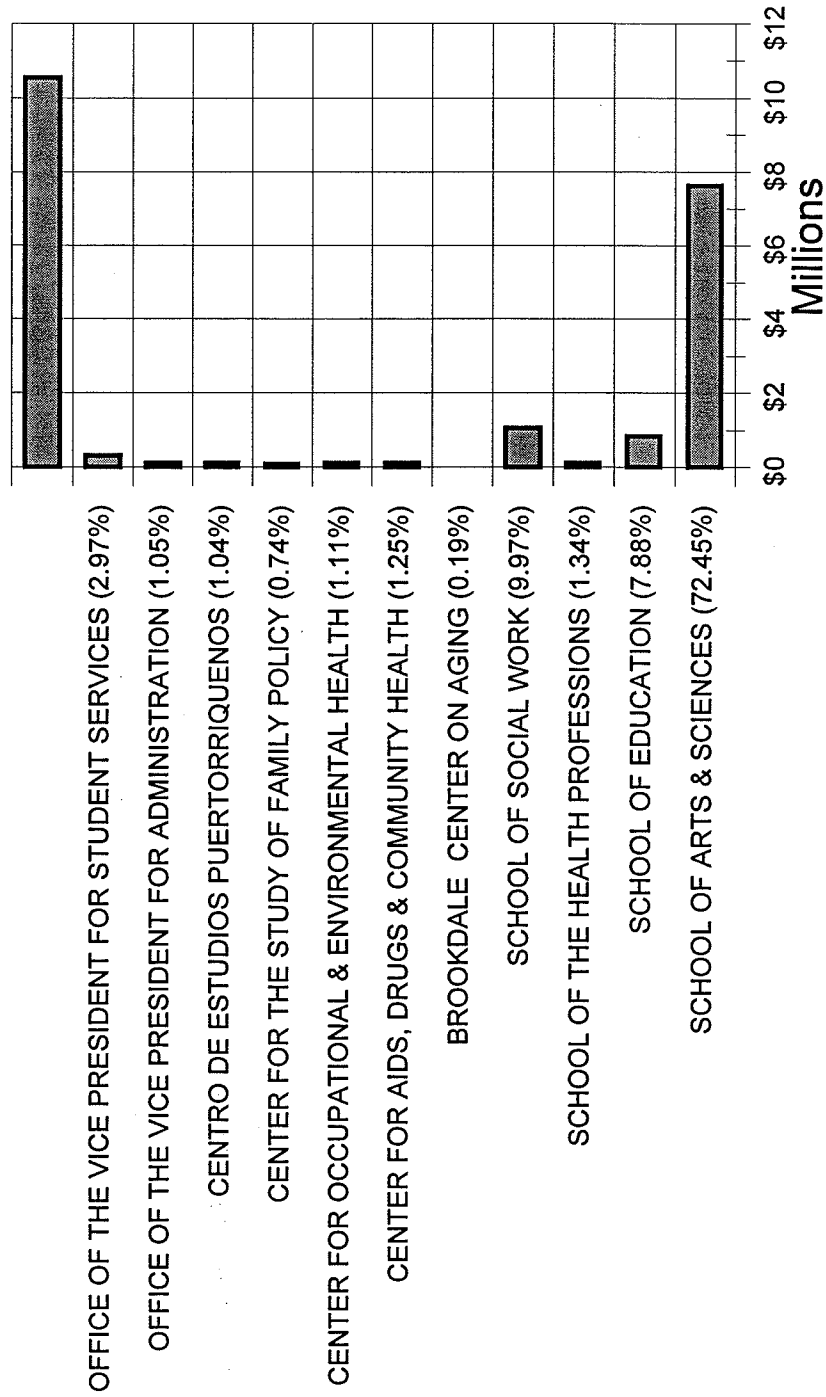


BREAKDOWN OF FEDERAL SUPPORT – FY 1999

<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>	\$5,215,371	49.55%
<i>Public Health Service/Centers for Disease Control and other PHS</i>	\$63,513	0.60%
<i>Administration for Children and Families</i>	\$1,049,934	9.97%
U. S. Education Department (U.S.E.D.)	\$1,385,437	13.16%
National Science Foundation (NSF)	\$991,369	9.42%
Department of Defense (DOD)	\$434,215	4.13%
U. S. Department of Housing and Urban Development	\$282,013	2.68%
U. S. Department of Justice	\$272,999	2.59%
U. S. Department of Energy	\$196,000	1.86%
National Endowments for the Arts & Humanities (NEA and NEH)	\$165,809	1.58%
National Security Agency	\$126,940	1.21%
U. S. Department of Labor	\$123,500	1.17%
U. S. Council of Economic Advisors	\$102,800	0.98%
U. S. Environmental Protection Agency	\$54,612	0.52%
National Aeronautics & Space Administration (NASA)	\$25,846	0.25%
White House	\$20,000	0.19%
U. S. Department of Agriculture (USDA)	\$13,542	0.13%
Other Federal	\$1,760	0.02%
TOTAL	\$10,525,660	100.00%

FEDERAL SUPPORT TO SCHOOLS & PROGRAMS

FISCAL YEAR 1999



FEDERAL SUPPORT TO DIVISIONS, SCHOOLS, & PROGRAMS

<u>Region</u>	<u>Federal Grants & Contracts</u>	<u>Percentage of Federal Support of Hunter Programs</u>
School of Arts & Sciences (for purposes of statistical comparison, Arts & Sciences is broken down by the three divisions that joined to constitute the School		
Humanities & Arts	\$158,346	
Sciences & Mathematics	6,296,503	
Social Sciences	<u>1,170,847</u>	
Total: Arts & Sciences	\$7,625,696	72.45%
School of Education	\$829,308	7.88%
Schools of the Health Professions	\$140,901	1.34%
School of Social Work	\$1,049,934	9.97%
Brookdale Center on Aging	\$20,000	0.19%
Center for AIDS, Drugs & Community Health	\$132,013	1.25%
Center for Occupational & Environmental Health	\$117,000	1.11%
Center for the Study of Family Policy	\$78,106	0.74%
Centro de Estudios Puertorriquenos	\$109,373	1.04%
Office of Vice President for Administration	\$110,936	1.05%
Office of Vice President for Student Services	\$312,393	2.97%
Total	<hr/> \$10,525,660	100.00%

