

SUMMARY OF EXTERNAL AWARDS
for the period July 1, 1996 through June 30, 1997

Annual Report from the Office of Research

As one of the Nation's land grant universities, the University of Wyoming executes several missions: to educate its students, conduct research, and provide service and outreach. These missions are vitally interwoven at the University in a strong, vigorous, academic community which serves the State of Wyoming.

Outstanding basic and applied research and creative activity at the University promotes excellence in the classroom, and also can result in regional, national, and international recognition for the institution. Certainly this recognition enhances the value of every degree granted by the University of Wyoming. Consequently, superior research and scholarly activity is of direct benefit to the University, its students, and its alumni.

Through the activities of our students, our faculty, and our staff, the University of Wyoming is involved in a wide range of creative endeavors. Members of the University community are actively engaged in the creative and performing arts, and conduct basic and applied research in most of our disciplines. During fiscal year 1997, the University of Wyoming submitted 565 proposals to potential sources for funding to support these research and creative activities.

This report contains a summary of the external awards which were granted to the University during fiscal year 1997. From July 1, 1996 through June 30, 1997, the University received 754 awards for funding from external sources totaling \$39,741,589. Table 1 summarizes these awards by college/unit within the University and Table 2 provides a summary by the source of the funds. Tables 3 through 10 summarize the funds awarded by sponsor for departments within the University.

The largest portion of the total external funds granted to the University in fiscal year 1997 was received from the federal government (61%). The various federal agencies awarded \$24,249,000 to the University for research and other activities. This continued federal support demonstrates a high degree of confidence in the quality of the University's research programs, and it speaks to the high caliber of our faculty and staff. State of Wyoming agencies awarded \$8,772,000 (22%), and

\$6,676,000 (17%) was granted to the University from industry and other private organizations.

Indirect costs at the University of Wyoming are calculated by federal audit which establishes the rate by which the University may recover funds to reimburse costs it incurs that relate to research activity sponsored by the federal government. The approved federal indirect cost rate for sponsored projects is 41% of modified total direct costs. Of the actual amount collected on a fiscal year basis, 75 percent reimburses general University expenses, five percent is allocated to the Office of Research, and on an as-earned basis, 15 percent is distributed to the Department, and five percent to the relevant College. The dollar amount of the indirect costs collected during FY97 and returned to each of the colleges on this basis is shown in Table 11.

Total contracts and grants awarded to the University of Wyoming during FY97 represents a record amount of external funding for the eleventh consecutive year. The graph on page 13 shows the increases in total contracts and grants each fiscal year from FY87 through FY97.

TABLE 1

TOTAL SPONSORED AWARDS BY COLLEGE/UNIT

for the period July 1, 1996 through June 30, 1997

College	Sponsored Project Awards	Percent of Total
Agriculture	4,442,000	11.2
Arts & Sciences	10,634,000	26.8
Business	181,000	0.5
Education	470,000	1.1

College	Sponsored Project Awards	Percent of Total
Engineering	7,117,000	17.9
Health Sciences	1,922,000	4.8
Law	60,000	0.2
NON-COLLEGE		
Student Affairs: SEO, Student Financial Aids, Student Loans	6,405,000	16.1
Other: AHC, Art Museum, EORI, Fleet Operations, Graduate School, IER, International Programs, Library, MAMTC, SBDC, VP Research, WWRC, etc.	8,511,000	21.4
TOTAL	39,742,000	100

TABLE 2

DISTRIBUTION OF AWARDS BY SPONSOR

for the period July 1, 1996 through June 30, 1997

(the number of departments within the college involved with the sponsor is shown in parentheses after the amount)

(numbers represent thousands of dollars)

Agency	Agriculture	Arts & Sciences	Business	Education	Engineering	Health Sciences	Law	Other	Total
Air Force		756 (4)						15 (1)	771 (5)
Army	111 (2)	60 (1)			297 (1)			52 (1)	520 (5)

Agency	Agriculture	Arts & Sciences	Business	Education	Engineering	Health Sciences	Law	Other	Total
Commerce		24 (1)				82 (1)			106 (2)
DOD						25 (2)			25 (2)
DOE (includes WRI)	150 (1)	246 (2)			50 (1)			1 (1)	447 (5)
DOT					611 (2)				611 (2)
Education						703 (1)	60 (1)	6,191 (2)	6,954 (4)
EPA		289 (3)			70 (1)				359 (4)
Interior	52 (2)	700 (6)						179 (2)	931 (10)
JTPA (Labor)	31 (1)		90 (1)					3 (1)	124 (4)
NASA		563 (2)			351 (2)				914 (4)
Navy		132 (1)			281 (2)				413 (3)
National Academy of Science					74 (1)				74 (1)
NSF	709 (3)	3,987 (9)	10 (1)		2,848 (4)			1,036 (4)	8,590 (21)
NIH	918 (3)	282 (2)				313 (3)			1,513 (8)
SBA								324 (1)	324 (1)
USDA	860 (9)	455 (3)		11 (1)				4 (1)	1,330 (14)
USIA								134 (1)	134 (1)
WCH/WCA/NEH/NEA		18 (5)		6 (1)				130 (2)	154 (8)
Wyoming State Agencies	417 (6)	1,382 (10)	13 (1)	279 (5)	1,201 (3)	575 (4)		4,905 (13)	8,772 (41)

Agency	Agriculture	Arts & Sciences	Business	Education	Engineering	Health Sciences	Law	Other	Total
Industry	555 (5)	796 (6)		50 (1)	644 (5)	2 (1)		1,137 (4)	3,184 (22)
Other (private)	639 (9)	944 (14)	68 (2)	124 (2)	690 (5)	222 (3)		805 (10)	3,492 (45)
TOTAL	4,442	10,634	181	470	7,117	1,922	60	14,916	39,742

TABLE 3

AWARDS BY SPONSOR

COLLEGE OF AGRICULTURE

for the period July 1, 1996 through June 30, 1997

TOTAL: \$4,442,000

NUMBER OF AWARDS: 132

(numbers represent thousands of dollars)

Agency	Agricultural Economics	Agricultural Experiment Station	Animal Science	Cooperative Extension	Dean's Office	Family & Consumer Sciences	Molecular Biology	Plant, Soil & Insect Sciences	Rangeland Ecology & Watershed Management	Veterinary Sciences
Army			61					50		
DOE							150			

Agency	Agricultural Economics	Agricultural Experiment Station	Animal Science	Cooperative Extension	Dean's Office	Family & Consumer Sciences	Molecular Biology	Plant, Soil & Insect Sciences	Rangeland Ecology & Watershed Management	Veterinary Sciences
Interior								40		12
Labor					31					
NSF							432	100	177	
NIH			95			50	773			
USDA	21	134	28	4	162		20	336	43	112
Wyoming State Agencies					13	31	126	6	119	122
Industry	63		34				284	113	64	
Other (private)	25		28	14	160	31	91	127	74	89
TOTAL	109	134	246	18	366	112	1,873	772	477	335

TABLE 4

AWARDS BY SPONSOR

COLLEGE OF ARTS & SCIENCES

for the period July 1, 1996 through June 30, 1997

Agency	Afr Amer Stud	Amer Ind Stud	Amer Stud	Anth	Art	Bot	Chem	Co/ M	Comp Sci	Cult Outr	Engl	Geog & Rec	Geol	Hist	Math	Modn Lang	Musc	Phil & As Str	Phys	Pol Sci	Psyc	Soc	Soc	Soc	Surv Res Ctr	Ther	Wom Stud	Zool	
WCH/WC A		1		1	1									1												5			
NEH/ NEA																													
Wyo ming State Agen cies				1	0	4		33	6	20		16									3	3	3	2	2	1	78	0	
Indus try							15	18	0				29	4					73		1							96	
Other (priva te)				9	5		79	33			1	28	10	4	18	1			17	1	5	3	6	9	7	2	27	0	
TOT AL	0	1	0	3	1	7	1,	2,	0	31	0	1	74	1,	1	23	1	0	0	1,	0	2	3	1	3	8	0	1,	69
				3	1	7	44	64	8	7	4	91	3	3	6	1	0	0	1,	0	2	5	3	1	3	8	0	1,	69
				3	1	7	44	64	8	7	4	91	3	3	6	1	0	0	1,	0	2	5	3	1	3	8	0	1,	69

TABLE 5

AWARDS BY SPONSOR

COLLEGE OF BUSINESS

for the period July 1, 1996 through June 30, 1997

TOTAL: \$181,000

NUMBER OF AWARDS: 13

(numbers represent thousands of dollars)

Agency	Business Assistance Center	Economics & Finance	Management & Marketing
Labor		90	
NSF		10	
Wyoming State Agencies	13		
Other (private)	5	63	
TOTAL	18	163	0

TABLE 6

AWARDS BY SPONSOR

COLLEGE OF EDUCATION

for the period July 1, 1996 through June 30, 1997

TOTAL: \$470,000

NUMBER OF AWARDS: 39

(numbers represent thousands of dollars)

Agency	Dean's Office	Leadership & Human Development	Lifelong Learning & Instruction	Natural Science Program	Wyoming Center for Teaching & Learning	Wyoming Institute for the Development of Teaching
USDA				11		
WCH/WCA/NEH/NEA					6	
Wyoming State Agencies	18	44	24	178	15	
Industry	50					
Other (private)			28	96		
TOTAL	68	44	52	285	21	0

TABLE 7

AWARDS BY SPONSOR

COLLEGE OF ENGINEERING

for the period July 1, 1996 through June 30, 1997

TOTAL: \$7,117,000

NUMBER OF AWARDS: 136

(numbers represent thousands of dollars)

Agency	Atmospheric Science	Chemical & Petroleum Engineering	Civil & Architectural Engineering	Dean's Office	Electrical Engineering	Mechanical Engineering
Army					297	
DOE (WRI)					50	
DOT			511			100
EPA			70			
National Academy of Sciences					74	
Navy	271					10
NASA	329				22	
NSF	2,139	299	186		224	
Wyoming State Agencies		449	381		371	
Industry		261	54	2	175	152
Other (private)	174	211	201		80	24
TOTAL	2,913	1,220	1,403	2	1,293	236

TABLE 8

AWARDS BY SPONSOR

COLLEGE OF HEALTH SCIENCES

for the period July 1, 1996 through June 30, 1997

TOTAL: \$1,922,000

NUMBER OF AWARDS: 58

(numbers represent thousands of dollars)

Agency	Dea n's Offi ce	Huma n Medic ine/ Casper	Huma n Medic ine/ Cheyenne	Medica l Techno logy	Nurs ing	Pharm acy	Physic al & Health Educa tion	Soc ial Wo rk	Speec h Pathol ogy	WI ND
Comm erce										82
DOD		23			2					
Educa tion										703
NIH					28		13			272
Wyom ing State Agenci es						387	45	4		139
Industr y						2				
Other (privat e)	37	123			62					

Agency	Dean's Office	Human Medicine/Casper	Human Medicine/Cheyenne	Medical Technology	Nursing	Pharmacy	Physical & Health Education	Social Work	Speech Pathology	WIND
TOTAL	37	146	0	0	92	389	58	4	0	1,196

TABLE 9

AWARDS BY SPONSOR

COLLEGE OF LAW

for the period July 1, 1996 through June 30, 1997

TOTAL: \$60,000

NUMBER OF AWARDS: 1

(numbers represent thousands of dollars)

Agency	LAW
Education	60

NSF	20									22								578		212			
										6													
SBA														32									
														4									
USDA																							
USIA										13													
										4													
WCH/ WCA		12		7																			
		3																					
NEH/ NEA																							
Wyo ming	25		9		4	12				42	4	50	83	28	79	18		2,88		922			
						2				5				4				1					
State Agen cies																							
Indust ry										60		516							10	6			
										5													
Other (privat e)		1					12			90	64			4	10	26			14	12			
															9				8	8			
																				223			
TOTA L	20	25	12	9	7	4	12	12	3	1,3	19	4	566	83	4	71	1,6	4,6	67	3,46	15	12	1,5
			4			2				71	8			83		7	81	37		0	8	8	17

TABLE 11

INDIRECT COST DISTRIBUTION BY COLLEGE

(includes Dean's and Department totals)

for the period July 1, 1996 through June 30, 1997

College	Indirect Cost Amount	Percent of Indirect Costs Distributed
Agriculture	94,634	17.4
Arts & Sciences	227,545	41.7
Business	1,008	0.2
Education	3,170	0.6
Engineering	142,184	26.1
Health Sciences	28,145	5.2
Law	0	0
Library	32	0
NON-COLLEGE		
Student Affairs: SEO, Student Financial Aids, Student Loans	27,130	4.9
Other: AHC, Art Museum, EORI, Extended Studies, Fleet Operations, Graduate School, IER, International Programs, Library, MAMTC, SBDC, VP Research, WWRC, etc.	21,416	3.9
TOTAL	545,264	100.0