

## **SUMMARY OF EXTERNAL AWARDS for the period July 1, 2001 through June 30, 2002**

### *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. 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 2002, the University of Wyoming submitted 555 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 2002. From July 1, 2001 through June 30, 2002, the University received 661 new and continuing awards for funding from external sources totaling \$50,003,257. 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. In addition, research funding that was provided to departments by sponsors through the UW Foundation is shown in the last row of each table.

The largest portion of the total external funds granted to the University in FY2002 was received from the federal government (68%). The various federal agencies awarded \$34,044,000 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. Wyoming governmental agencies awarded \$8,469,000 (17%), and \$7,490,000 (15%) 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 40.5% of modified total direct costs. Of the actual amount collected during the fiscal year, 75 percent reimburses general University expenses, 15 percent is distributed to the Department, five percent to the relevant College, and five percent is allocated to the Office of Research. The dollar amount of the indirect costs collected during FY2002 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 FY2002 represents a record amount of external funding for the sixteenth consecutive year. The graph on page 13 shows the steady increase in total contracts and grants each fiscal year from FY86 through FY2002.

**TABLE 1**  
**TOTAL SPONSORED AWARDS BY COLLEGE/UNIT**  
for the period July 1, 2001 through June 30, 2002

<b>College</b>	<b>Sponsored Project Awards</b>	<b>Percent of Total</b>
Agriculture	6,448,966	12.9
Arts & Sciences	14,005,852	28.0
Business	213,000	.4
Education	2,305,819	4.6
Engineering	5,773,742	11.5
Health Sciences	6,748,018	13.5
Law	0	0
<b>NON-COLLEGE</b>		
Student Affairs: SEO, Student Financial Aids, Admissions & Student Life	8,929,115	17.9
Other: Art Museum, Fleet Operations, IENR, International Programs, Library, MAMTC, SBDC, VP Research, etc.	5,578,745	11.2
<b>TOTAL</b>	<b>50,003,257</b>	<b>100</b>

**TABLE 2**  
**DISTRIBUTION OF AWARDS BY SPONSOR**  
for the period July 1, 2001 through June 30, 2002  
(the number of departments within the college involved with the sponsor is shown in parentheses after the amount)  
(numbers below represent thousands of dollars)

Agency	Agriculture	Arts & Sciences	Business	Education	Engineering	Health Sciences	Law	Other	Total
Agriculture	1,761 (8)	486 (4)	160 (1)		91 (2)			184 (2)	2,682 (17)
Air Force	18 (2)	148 (2)						277 (2)	443 (6)
Army								60 (1)	60 (1)
Bureau of Educational and Cultural Affairs								274 (1)	274 (1)
Defense		416 (1)						233 (1)	649 (2)
Education	27 (1)			1,213 (2)		752 (1)		8,575 (2)	10,567 (6)
Energy (includes WRI)		798 (2)							798 (2)
Environmental Protection Agency		8 (1)							8 (1)
Health and Human Services	1,630 (3)	2,669 (3)				3,089 (5)			7,388 (12)
Interior	165 (1)	1,259 (8)		11 (1)	86 (2)			667 (3)	2,188 (15)
Justice		25 (1)				25 (1)			50 (2)
National Aeronautics and Space Administration		548 (2)			22 (2)				570 (4)
National Endowments for the Humanities and Arts		22 (4)						22 (3)	44 (7)
National Science Foundation	140 (1)	2,950 (8)		380 (1)	2,694 (5)			1,000 (1)	7,164 (16)
Navy		304 (1)			117 (1)				421 (2)
Small Business Administration								705 (2)	705 (2)
Veterans Affairs						33 (1)			33 (1)
Wyoming Governmental Entities	1,515 (6)	2,160 (11)	48 (2)	477 (5)	451 (4)	2,056 (8)		1,762 (9)	8,469 (45)
Industry	370 (4)	1,170 (8)		3 (1)	1,179 (6)	48 (2)		290 (2)	3,060 (23)
Other (private)	638 (8)	1,228 (13)	5 (2)	222 (5)	1,134 (5)	745 (8)		458 (10)	4,430 (51)
<b>TOTAL</b>	<b>6,264</b>	<b>14,191</b>	<b>213</b>	<b>2,306</b>	<b>5,774</b>	<b>6,748</b>	<b>0</b>	<b>14,507</b>	<b>50,003</b>

**TABLE 3**  
**AWARDS BY SPONSOR**  
**COLLEGE OF AGRICULTURE**  
for the period July 1, 2001 through June 30, 2002

**TOTAL: \$6,448,966**  
**NUMBER OF AWARDS: 134**  
*(numbers below represent thousands of dollars)*

<b>Agency</b>	<b>Agricultural and Applied Economics</b>	<b>Animal Science</b>	<b>Cooperative Extension</b>	<b>Dean's Office</b>	<b>Family &amp; Consumer Sciences</b>	<b>Molecular Biology</b>	<b>Plant Sciences</b>	<b>Renewable Resources</b>	<b>Veterinary Sciences</b>
Agriculture	90	468	6	188	25	17	70	776	121
Air Force							15	3	
Education					27				
Health and Human Services		271			100	1,445			
Interior								164	
National Science Foundation						140			
Wyoming Governmental Entities	35		21		1,333		14	61	8
Industry		108					197	193	50
Other (private)	20	5	117	3		120	57	64	116
<b>TOTAL</b>	<b>145</b>	<b>852</b>	<b>144</b>	<b>191</b>	<b>1,485</b>	<b>1,722</b>	<b>353</b>	<b>1,261</b>	<b>295</b>

UW Foundation Various Sponsors							6	52	
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**TABLE 4**  
**AWARDS BY SPONSOR**  
**COLLEGE OF ARTS & SCIENCES**  
for the period July 1, 2001 through June 30, 2002

**TOTAL: \$14,005,852**  
**NUMBER OF AWARDS: 269**  
*(numbers below represent thousands of dollars)*

Agency	Amer Studies	Anthro	Bot	Chem	Cultural Outreach Program	Dean's Office	English	Geography & Rec	Geology & Geography IER	Math	Music	Physics & Astr	Psyc	Stat	Survey Res Center	Theatre & Dance	WYGIS	WYSAC	Zoology
Agriculture		149	53														37		247
Air Force				122					26										
Army									415										
Civilian Research and Development			11																
Energy (includes WRI)				631					167										
Environmental Protection Agency																			8
Health and Human Services				615									440						1429
Interior		343	98					211	2				18				129		458
Justice																		25	
National Aeronautics and Space Adm			22									526							
National & WY Endowments for the Humanities and Arts	10				5	1	50									8			
National Science Foundation		75	260	323					1,703	33		307	18						232
Navy									304										
Wyoming Governmental Entities		41	17					45				32	351	6	57		165	456	953
Industry		65		297					69			47							20
Other (private)		9	35	247				91	768		10	72	113		29	10	65	9	416
<b>TOTAL</b>	<b>10</b>	<b>682</b>	<b>496</b>	<b>2,235</b>	<b>5</b>	<b>1</b>	<b>50</b>	<b>347</b>	<b>3,454</b>	<b>33</b>	<b>10</b>	<b>1,002</b>	<b>922</b>	<b>6</b>	<b>86</b>	<b>18</b>	<b>396</b>	<b>*490</b>	<b>3,763</b>

\*Other part of WYSAC funding reported under Health Sciences

**TABLE 5**  
**AWARDS BY SPONSOR**  
**COLLEGE OF BUSINESS**  
for the period July 1, 2001 through June 30, 2002

**TOTAL: \$213,000**  
**NUMBER OF AWARDS: 5**  
*(numbers below represent thousands of dollars)*

Agency	Accounting	Dean's Office	Economics & Finance	Management & Marketing
Agriculture			160	
Wyoming Governmental Entities		20		28
Other (private)	3			2
<b>TOTAL</b>	<b>3</b>	<b>20</b>	<b>160</b>	<b>30</b>

**TABLE 6**  
**AWARDS BY SPONSOR**  
**COLLEGE OF EDUCATION**  
for the period July 1, 2001 through June 30, 2002

**TOTAL: \$2,305,819**  
**NUMBER OF AWARDS: 21**  
*(numbers below represent thousands of dollars)*

Agency	Ellbogen Center For Teaching & Learning	Counselor Education	Dean's Office	Educational Studies	Elementary & Early Childhood	Science-Math Teaching Center
Education			1,152		61	
Interior						11
National Science Foundation						380
Wyoming Governmental Entities		80	8	8	134	252
Other (private)	5	34	3		10	168
<b>TOTAL</b>	<b>5</b>	<b>114</b>	<b>1,163</b>	<b>8</b>	<b>205</b>	<b>811</b>

**TABLE 7**  
**AWARDS BY SPONSOR**  
**COLLEGE OF ENGINEERING**  
for the period July 1, 2001 through June 30, 2002

**TOTAL: \$5,773,742**  
**NUMBER OF AWARDS: 119**  
*(numbers below represent thousands of dollars)*

Agency	Atmospheric Science	Chemical & Petroleum Engineering	Civil & Arch Engineering	Computer Science	Dean's Office	Electrical Engineering	Mechanical Engineering
Agriculture		5	86				
Energy (includes WRI)							3
Interior		53	34				
National Aeronautics and Space Administration	20						2
National Science Foundation	2,239	278	44		13	31	90
Navy							117
Wyoming Governmental Entities			433			12	
Industry	5	626	63			226	188
Other (private)	298	476	155	89			188
<b>TOTAL</b>	<b>2,562</b>	<b>1,438</b>	<b>815</b>	<b>89</b>	<b>13</b>	<b>269</b>	<b>588</b>

UW Foundation				20		11	
Various Sponsors							

**TABLE 8**  
**AWARDS BY SPONSOR**  
**COLLEGE OF HEALTH SCIENCES**  
for the period July 1, 2001 through June 30, 2002

**TOTAL: \$6,748,018**  
**NUMBER OF AWARDS: 113**  
*(numbers below represent thousands of dollars)*

<b>Agency</b>	<b>Center for Rural Health Research &amp; Education</b>	<b>Dean's Office</b>	<b>Kinesiology &amp; Health Education</b>	<b>Nursing</b>	<b>Pharmacy</b>	<b>Social Work</b>	<b>WIND</b>	<b>Medical Education &amp; Public Health/ WWAMI/GME</b>	<b>*WYSAC</b>
Education							752		
Health and Human Services		1,853	34	55	50		1,097		
Justice									25
Veterans Affairs					33				
Wyo Governmental Entities	136	7	210	6	33	128	993	30	456
Industry					6	5			
Other (private)			41	5	169	53	329	223	19
<b>TOTAL</b>	<b>136</b>	<b>1,860</b>	<b>285</b>	<b>66</b>	<b>291</b>	<b>186</b>	<b>3,171</b>	<b>253</b>	<b>*500</b>

\*Other part of WYSAC funding reported under A&S

**TABLE 9**  
**AWARDS BY SPONSOR**  
**COLLEGE OF LAW**  
for the period July 1, 2001 through June 30, 2002

**TOTAL: \$0**  
**NUMBER OF AWARDS: 0**  
*(numbers below represent thousands of dollars)*

Agency	LAW
Other (private)	0
<b>TOTAL</b>	<b>0</b>

**TABLE 10**  
**AWARDS BY SPONSOR**  
**NON-COLLEGE UNITS**  
for the period July 1, 2001 through June 30, 2002

**TOTAL: \$14,507,860**  
**NUMBER OF AWARDS: 112**  
*(numbers below represent thousands of dollars)*

Agency	Admis	Art Museum	UW/Casper College	Conf & Instit	Counsel Center	Fleet Oper	Grad School	Intl Programs	Library	MAMTC	Physical Plant	SBDC	Science Library	SENR	SEO	SFA	Student Life	Research Products Center	VP Research	WPR	WYNDD	
Agriculture														8							176	
Air Force																228					49	
Army																60						
Defense												232										
Education								274							1,872	6,702						
Interior																			129		540	
National & WY Endowments for the Humanities and Arts		10	2																	9		
National Science Foundation																			1,000			
Small Business Administration												580								125		
Wyo Governmental Entities				4	25	169				545	24	580					24	150	245			
Industry										285		61										
Other (private)	42	2					15		50				4						30	12	237	8
<b>TOTAL</b>	<b>42</b>	<b>12</b>	<b>2</b>	<b>4</b>	<b>25</b>	<b>169</b>	<b>15</b>	<b>274</b>	<b>50</b>	<b>830</b>	<b>24</b>	<b>1,453</b>	<b>4</b>	<b>8</b>	<b>1,872</b>	<b>6,990</b>	<b>24</b>	<b>180</b>	<b>1,511</b>	<b>246</b>	<b>773</b>	

UW Foundation Various Sponsors																			1	11		
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**TABLE 11**  
**INDIRECT COST DISTRIBUTION BY COLLEGE**  
(includes Dean's and Department totals)  
for the period July 1, 2001 through June 30, 2002

<b>College</b>	<b>Indirect Cost Amount</b>	<b>Percent of Indirect Costs Distributed</b>
Agriculture	183,747	18.9
Arts & Sciences	323,532	33.3
Business	4,671	0.4
Education	36,431	3.8
Engineering	270,394	27.9
Health Sciences	94,850	9.8
Law	42	.1
<b>NON-COLLEGE</b>		
Student Affairs: SEO, Student Financial Aids	31,048	3.2
Other: Art Museum, Fleet Operations, IENR, International Programs, Library, MAMTC, SBDC, VP Research, etc.	25,688	2.6
<b>TOTAL</b>	<b>970,403</b>	<b>100.0</b>

