

Research & Economic Development

Annual Report
of External Awards
FY 2010



UNIVERSITY OF WYOMING

September 2010

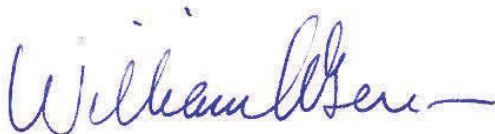
For fiscal year 2009-2010 the University of Wyoming received \$101 million in external awards, the 24th consecutive year that a new record in external funding has been set. This amazing string of record years is due to the hard work of UW faculty and staff. This year's total contains about \$13 million of American Recovery and Reinvestment Act (ARRA) funding and while this amount is substantial (and competitively awarded for the most part) it does not account for the total increase recorded for the fiscal year. In addition to the ARRA funds there was an increase of approximately \$7 million in non-ARRA awards to UW faculty and staff. This \$7 million represents about 6% growth over inflation.

Two reasons underlie the reported federal funding increase. First, and most importantly, UW faculty and staff are increasingly competitive for federal awards. And secondly, we are seeing the impact of ARRA funding to the institution.

These awards provide support to all the University's key missions of research, teaching and service. And while the Office of Research and Economic Development is charged with accounting for all external awards we also celebrate what these funds do to support students, create new knowledge and new applications of existing knowledge, enhance research infrastructure and support the University's service mission to the state of Wyoming.

This year's report is different in that it reports the standard external sponsored program funding using historic methodologies for determining the \$101 million. This allows us to compare prior years' data. In addition we report \$83 million in institutional funding which are the Abandoned Mine Lands funds supporting the High Plains Gasification – Advanced Technology Center program, the School for Energy Resources, Clean Coal Technology and \$27 million in ARRA funding for major maintenance. Finally in a third category we show the Direct Student Loans which UW now administers as a result of federal legislation shifting students loans from private lenders to the student's academic institution; there is about \$22 million in these loan funds.

The Research Office congratulates all who have received awards over the past year. Through your hard work, UW's reputation grows and our constituents' benefit.



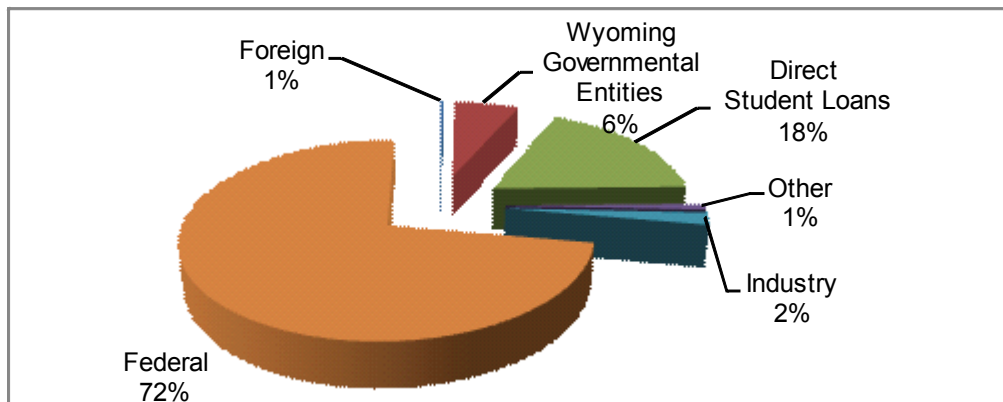
William A. Gern, Vice President
Research & Economic Development

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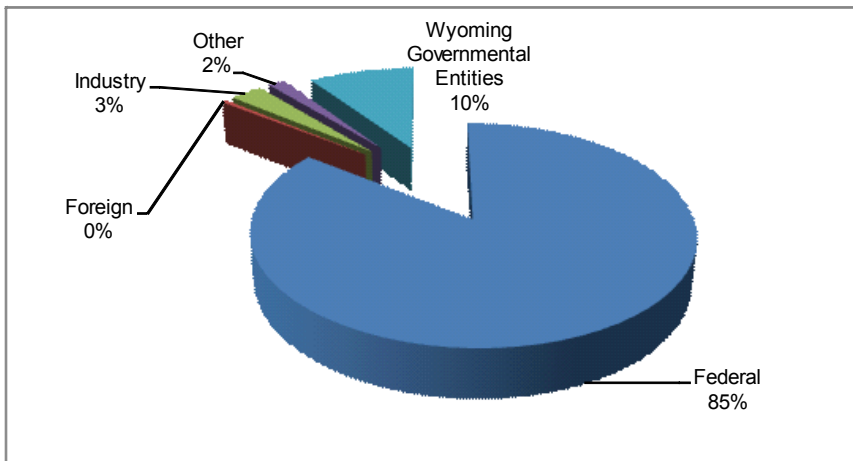
Awards by Sponsor

SPONSOR	NEW AWARDS	AMENDMENTS	TOTAL \$ AWARDED AMOUNT
FEDERAL			
Agency for International Development	2	0	179,407
Corporation for National and Community Service	5	0	406,489
Department of Agriculture	53	23	6,744,062
Department of Commerce	5	3	623,649
Department of Defense	12	21	5,129,001
Department of Education	30	29	26,019,954
Department of Energy	13	16	9,306,058
Department of Health and Human Services	52	18	13,422,793
Department of Interior	63	16	6,790,497
Department of Justice	4	0	205,912
Department of Labor	2	0	303,655
Department of Transportation	16	4	3,743,105
National Aeronautics and Space Administration	8	13	2,826,468
National Endowment for the Arts & Humanities	12	3	103,232
National Science Foundation	40	33	13,009,821
Small Business Administration	2	1	687,992
Other Federal	6	4	261,715
Total Federal	325	184	89,763,810
NON-FEDERAL			
Foreign	5	6	410,323
Industry	30	67	2,537,073
Other	31	45	1,241,293
Wyoming Governmental Entities	55	40	7,660,747
Total Non-Federal	121	158	11,849,436
TOTAL FEDERAL & NON-FEDERAL	446	342	101,613,246



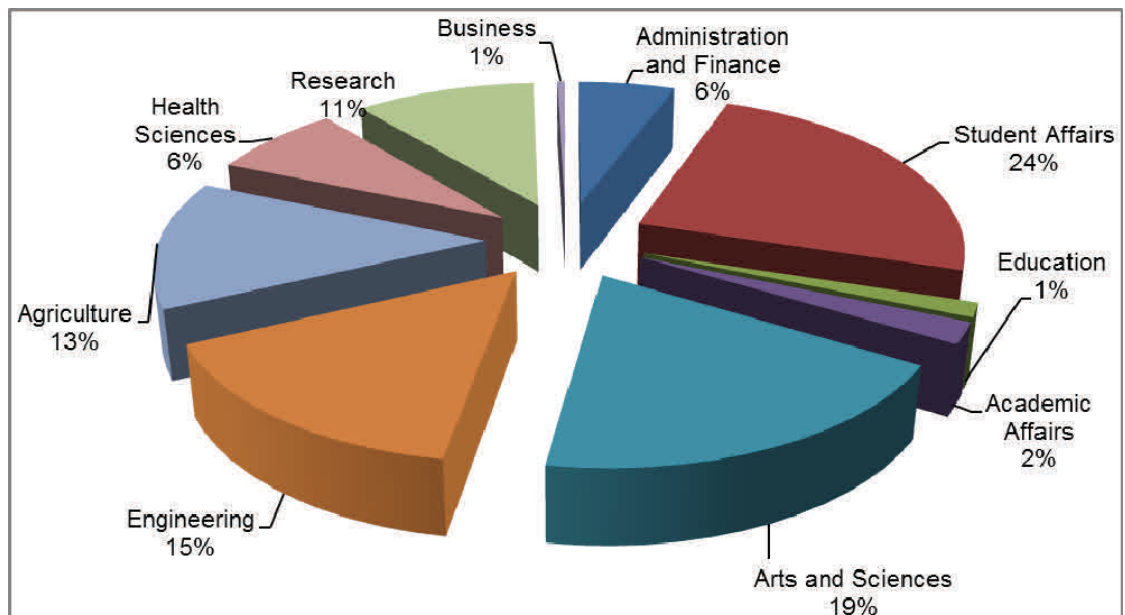
Expenditures by Sponsor

SPONSOR	TOTAL \$
FEDERAL	
Agency for International Development	126,819
Corporation for National and Community Service	415,435
Department of Agriculture	6,088,830
Department of Commerce	647,131
Department of Defense	4,108,183
Department of Education	19,998,689
Department of Energy	3,709,908
Environmental Protection Agency	133,640
Department of Health and Human Services	13,286,428
Department of Interior	12,292,292
Department of Justice	284,222
Department of Transportation	2,080,403
National Aeronautics and Space Administration	2,263,805
National Endowment for the Arts and Humanities	75,890
National Science Foundation	12,159,606
Small Business Administration	801,299
Other Federal	216,121
	<hr/>
Total Federal	<hr/>
NON-FEDERAL	
Foreign	442,653
Industry	2,701,490
Other	1,425,773
Wyoming Governmental Entities	8,774,496
	<hr/>
Total Non-Federal	<hr/>
	<hr/>
GRAND TOTAL	92,033,113



Awards to Organizational Unit

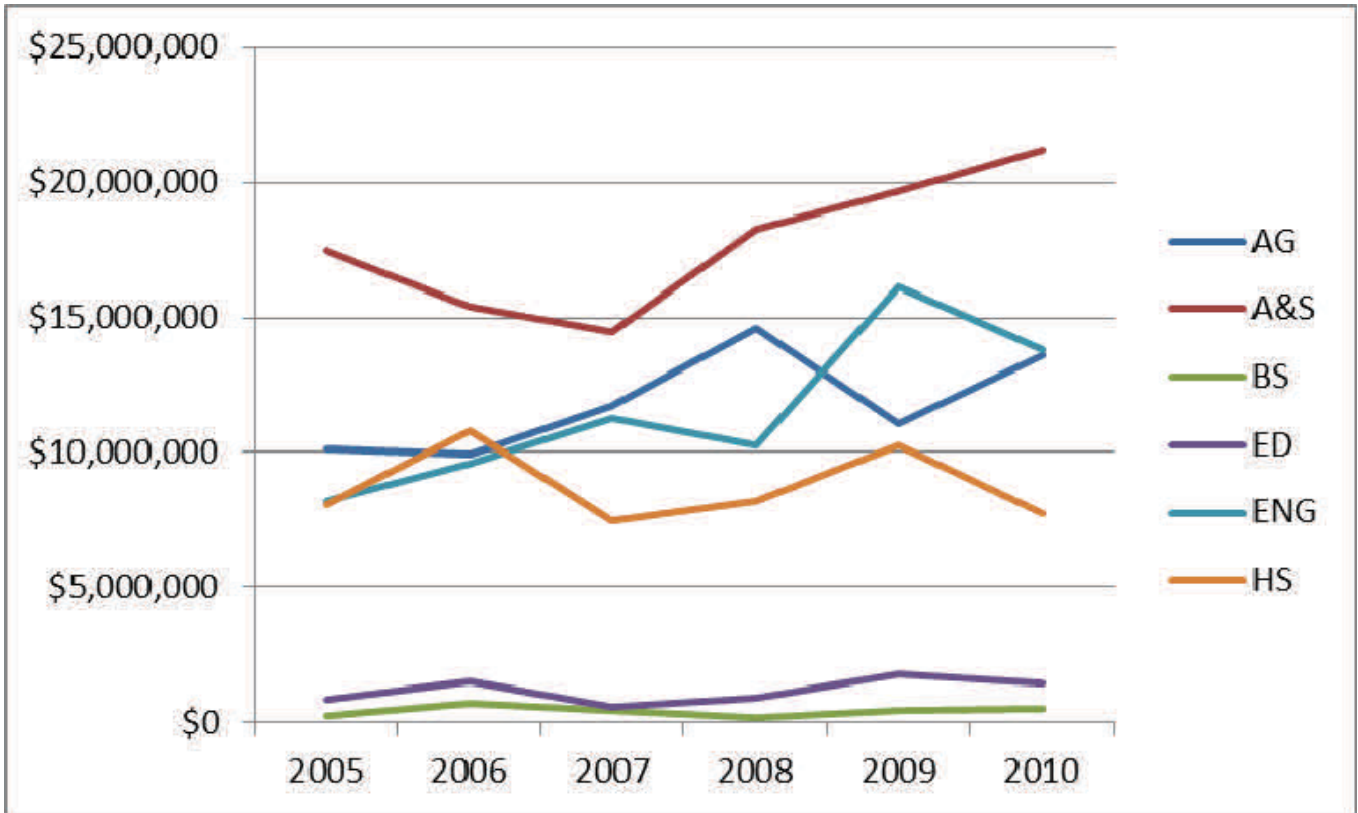
ORGANIZATIONAL UNIT	NEW AWARDS	AMENDMENTS	TOTAL \$ AWARDED AMOUNT
College of Agriculture & Natural Resources	89	63	13,570,996
College of Arts and Sciences	153	84	21,182,259
College of Business	5	3	489,339
College of Education	7	12	1,482,167
College of Engineering	57	55	13,800,219
College of Health Sciences	26	36	7,745,469
Office of Academic Affairs	35	19	7,193,516
Office of Administration and Finance	7	1	5,752,935
Office of Research	42	34	5,753,327
Office of Student Affairs	25	35	24,643,019
TOTAL FEDERAL & NON-FEDERAL	446	342	101,613,246
DIRECT STUDENT LOANS	1	0	22,643,001
TOTAL	447	342	124,256,247
INSTITUTIONAL AWARDS	3	3	83,900,319
GRAND TOTAL	450	345	208,156,566



AWARDS by COLLEGE



Awards by College



College of Agriculture

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL \$ AWARDED AMOUNT
Agricultural and Applied Economics	765,979	128,500	894,479
Agricultural Experiment Station	544,973	0	544,973
Animal Science	867,723	13,053	880,776
Cooperative Extension	320,025	57,750	377,775
Ag Dean's Office	37,950	6,600	44,550
Family and Consumer Sciences	2,705,548	12,675	2,718,223
Molecular Biology	3,018,905	0	3,018,905
Plant Sciences	35,059	110,568	145,627
Renewable Resources	2,533,918	1,175,081	3,708,999
Veterinary Sciences	791,099	445,590	1,236,689
	11,621,179	1,949,817	13,570,996

SPONSOR	TOTAL \$ AWARDED AMOUNT
FEDERAL	
Agency for International Deployment	155,407
Department of Agriculture	5,635,398
Department of Defense	668,969
Department of Health and Human Services	2,487,801
Department of Interior	1,537,173
Department of Transportation	180,000
National Science Foundation	843,931
Other Federal	136,500
Total Federal	11,645,179

NON-FEDERAL	TOTAL \$ AWARDED AMOUNT
Foreign	27,000
Industry	635,625
Other	239,155
Wyoming Governmental Entities	1,024,037
Total Non-Federal	1,925,817

GRAND TOTAL **13,570,996**

20010 Patent

Disclosures: 11

***Other Federal Includes DOE (\$95,000), EPA (\$7,500), NASA (\$10,000), and VA (\$24,000)



College of Arts & Sciences

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL \$ AWARDED AMOUNT
American Indian Studies	200,000	-	200,000
American Studies	22,000	-	22,000
Anthropology & Frison Institute	317,716	-	317,716
Art	-	334	334
A&S Dean's Office	57,113	790	57,903
Botany	1,530,784	121,070	1,651,854
Chemistry	1,627,607	103,000	1,730,607
Chicano Studies	2,000	-	2,000
English	46,000	-	46,000
Enhanced Oil Recovery Institute	-	35,000	35,000
Geography & Recreation	338,493	70,590	409,083
Geology & Geophysics	5,862,473	735,994	6,598,467
International Studies	135,000	-	135,000
Math	29,803	-	29,803
Modern and Classical Languages	-	4,000	4,000
Music	862	8,327	9,189
Physics and Astronomy	996,964	880,041	1,877,005
Psychology	153,288	19,314	172,602
Sociology	71,500	-	71,500
Statistics	-	5,004	5,004
Theatre and Dance	6,402	6,168	12,570
Woman's Studies	-	60,000	60,000
WYSAC	1,062,970	1,410,889	2,473,859
Zoology and Physiology & Neuroscience	4,845,674	415,089	5,260,763
	17,306,649	3,875,610	21,182,259



College of Arts & Sciences continued

SPONSOR	TOTAL \$ EXPENDITURES
FEDERAL	
Department of Agriculture	485,141
Department of Defense	627,540
Department of Education	645,106
Department of Energy	3,231,438
Department of Health and Human Services	4,173,321
Department of Interior	1,048,118
Department of Justice	205,912
National Aeronautics and Space Administration	1,264,279
National Science Foundation	6,260,419
Other Federal	<u>220,600</u>
Total Federal	<u>18,161,874</u>
NON-FEDERAL	
Foreign	318,006
Industry	391,342
Other	357,441
Wyoming Governmental Entities	<u>1,953,596</u>
Total Non-Federal	<u>3,020,385</u>
GRAND TOTAL	<u>21,182,259</u>

***2010 Patent
Disclosures: 4***

***Other Federal Includes: CNCS, Homeland Security, Dept. of Labor, EPA, NEA & NEH, and NSA

College of Business

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL \$ AWARDED AMOUNT
Economics and Finance	168,600	36,196	204,796
Management and Market-	284,543	-	284,543
	453,143	36,196	489,339

SPONSOR	TOTAL \$ EXPENDITURES
FEDERAL	
Agency for International Development	24,000
Department of Agriculture	284,543
Department of Commerce	141,600
Department of the Interior	3,000
Total Federal	453,143
NON-FEDERAL	
Wyoming Governmental Entities	36,196
Total Non-Federal	36,196
GRAND TOTAL	489,339



College of Education

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL \$ AWARDED AMOUNT
Elementary and Early Childhood Education	127,564	-	127,564
Office of Teacher Education	80,000	-	80,000
Science-Math Teaching Center	1,214,472	25,131	1,239,603
Secondary Education	35,000	-	35,000
	1,457,036	25,131	1,482,167

SPONSOR	TOTAL \$ EXPENDITURES
FEDERAL	
Department of Education	885,852
National Aeronautics and Space Administration	136,903
National Science Foundation	434,281
Total Federal	1,457,036
NON-FEDERAL	
Industry	25,131
Total Non-Federal	25,131
GRAND TOTAL	1,482,167



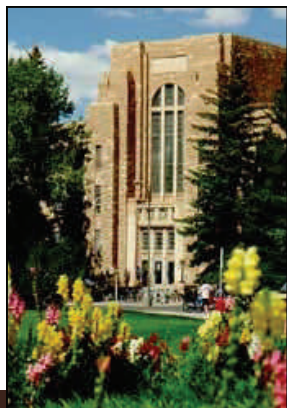
College of Engineering

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL \$ AWARDED AMOUNT
Atmospheric Science	4,934,271	470,891	5,405,162
Chemical and Petroleum Engineering	1,196,345	755,800	1,952,145
Civil and Architectural Engineering	1,292,949	263,167	1,556,116
Computer Science	396,371	-	396,371
Electrical Engineering	1,576,731	16,750	1,593,481
Engineering Dean's Office	-	263,200	263,200
Mechanical Engineering	2,628,844	4,900	2,633,744
	12,025,511	1,774,708	13,800,219

SPONSOR	TOTAL \$ EXPENDITURES
FEDERAL	
Department of Agriculture	
Department of Defense	3,323,861
Department of Energy	1,004,620
Department of Health and Human Services	40,000
Department of Interior	319,402
National Aeronautics and Space Administration	1,343,760
National Science Foundation	4,874,277
Department of Transportation	1,116,594
Other Federal	2,997
Total Federal	12,025,511

NON-FEDERAL	
Foreign	50,000
Industry	1,161,189
Other	17,982
Wyoming Governmental Entities	545,537
Total Non-Federal	1,774,708

GRAND TOTAL **13,800,219**



*2010 Patent
Disclosures: 14*

College of Health Sciences

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL \$ AWARDED AMOUNT
Center for Rural Health & Public Health	415,620	-	415,620
Health Science Dean	3,307,649	-	3,307,649
Kinesiology and Health Promotions	-	142,500	142,500
Medical Education & Public Health & WWAMI/ GME	315,440	6,552	321,992
Nursing	831,057	133,795	964,852
Pharmacy	178,198	138,306	316,504
Social Work	136,260	-	136,260
WIND	2,087,125	52,967	2,140,092
	7,271,349	474,120	7,745,469

SPONSOR	TOTAL \$ EXPENDITURES
FEDERAL	
Department of Education	461,292
Department of Health and Human Services	6,474,834
Department of Labor	280,000
Department of Veteran's Affairs	55,223
Total Federal	7,271,349
NON-FEDERAL	
Industry	40,522
Other	280,258
Wyoming Governmental Entities	153,340
Total Non-Federal	474,120
GRAND TOTAL	7,745,469



AWARDS by ADMINISTRATIVE UNIT

Administration and Finance

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL \$ AWARDED AMOUNT
Fleet Operations	2,397,651	-	2,397,651
Physical Plant & Risk Management	3,301,032	-	3,301,032
Trans Park	12,000	-	12,000
UW Police	42,252	-	42,252
	5,752,935	-	5,752,935

SPONSOR	TOTAL \$ EXPENDITURES
FEDERAL	
Department of Homeland Security	12,292
Department of Transportation	5,740,643
Total Federal	5,752,935
GRAND TOTAL	5,752,935

Academic Affairs

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL \$ AWARDED AMOUNT
American Heritage Center	9,977	-	9,977
Art Museum	58,913	6,471	65,384
Coe Library	128,741	-	128,741
Institute for Environment & Natural Resources	493,695	205,700	699,395
School of Energy Resources	4,985,000	7,659	4,992,659
Wyoming Public Radio	-	331,424	331,424
WYGISC	145,790	220,733	366,523
Other	596,913	2,500	599,413
	6,419,029	774,487	7,193,516

**** Other includes the Graduate School (\$599,413)

SPONSOR	TOTAL \$ EXPENDITURES
FEDERAL	
Cooperation for National and Community Service	223,325
Department of Agriculture	153,500
Department of Energy	4,975,000
Department of Health and Human Services	103,246
Department of Interior	219,729
National Aeronautics and Space Administration	71,526
National Endowment for the Arts and Humanities	68,890
National Science Foundation	596,913
Department of Transportation	6,900
Total Federal	6,419,029
NON-FEDERAL	
Foreign	7,659
Industry	126,155
Other	331,222
Wyoming Governmental Entities	309,451
Total Non-Federal	774,487
GRAND TOTAL	7,193,516

Research & Economic Development

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL \$ AWARDED AMOUNT
Manufacturing Works	372,049	638,553	1,010,602
Office of Water Programs	-	300,000	300,000
Research Products Center	-	98,295	98,295
Small Business Development Center	901,366	1,716,765	2,618,131
WYNDD	570,444	366,207	936,651
Wyoming Technology Business Center	110,000	679,650	789,650
	<u>1,953,859</u>	<u>3,799,470</u>	<u>5,753,329</u>

SPONSOR	TOTAL \$ EXPENDITURES
FEDERAL	
Department of Agriculture	185,480
Department of Commerce	482,049
Department of Defense	233,795
Department of the Interior	364,543
Small Business Administration	687,992
Total Federal	<u>1,953,859</u>
NON-FEDERAL	
Industry	137,984
Foreign	7,659
Other	15,238
Wyoming Governmental Entities	3,638,587
Total Non-Federal	<u>3,799,468</u>
GRAND TOTAL	<u>5,753,327</u>

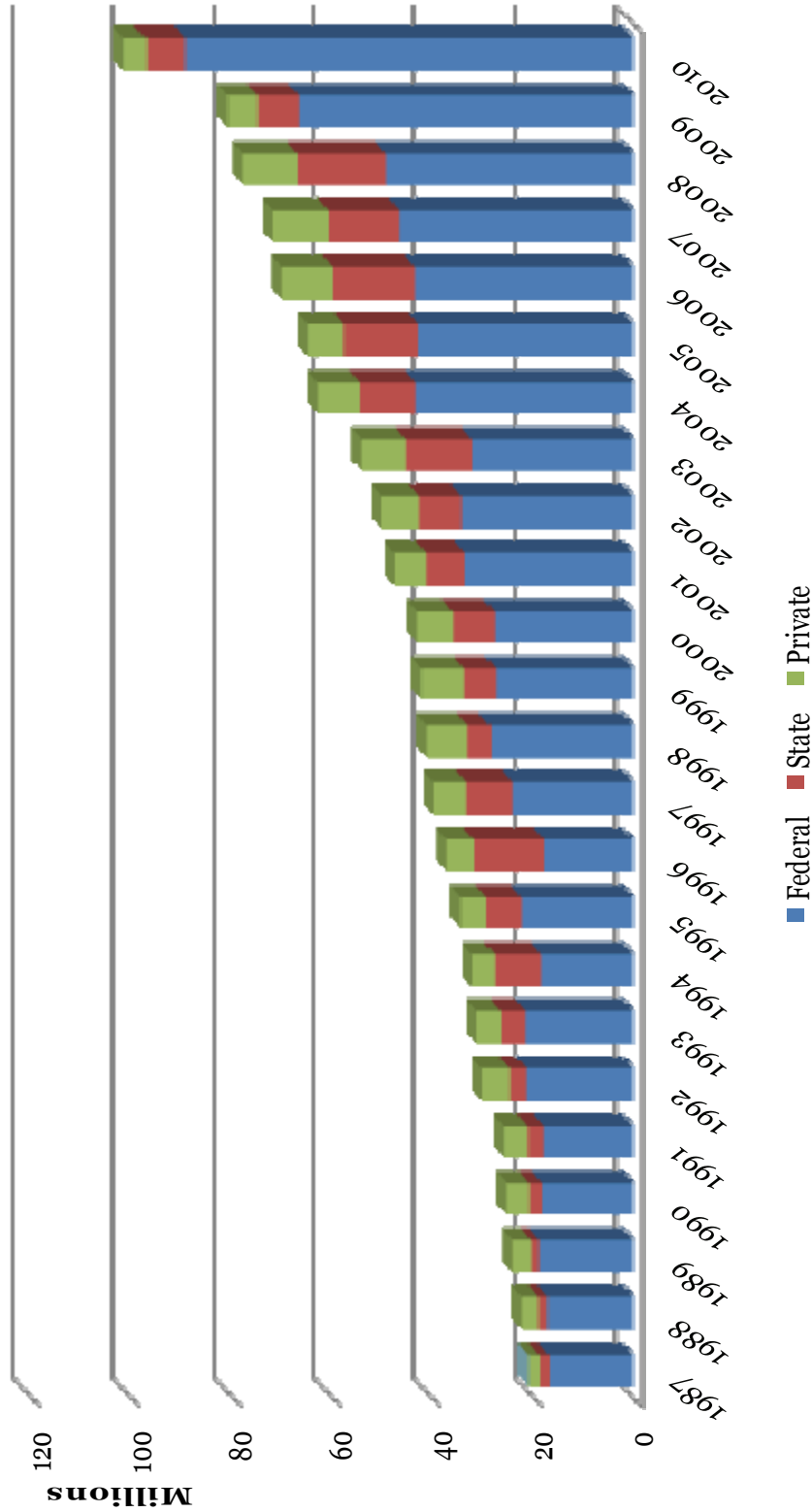
Student Affairs

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL \$ AWARDED AMOUNT
ASUW	1,500	-	1,500
Counseling Center	143,590	-	143,590
Student Educational Opportunity	5,996,085	-	5,996,085
Student Financial Aid	18,031,619	-	18,031,619
Student Financial Operations	274,836	-	274,836
VP Student Affairs	600	-	600
Wyoming Union	178,164	16,625	194,789
	24,626,394	16,625	24,643,019

SPONSOR	TOTAL \$ EXPENDITURES
FEDERAL	
Cooperation for National and Community Service	178,164
Department of Defense	274,836
Department of Education	24,027,704
Department of Health and Human Services	143,590
National Endowment for the Arts and Humanities	2,100
Total Federal	24,626,394
NON-FEDERAL	
Industry	16,625
Wyoming Governmental Entities	-
Total Non-Federal	16,625
TOTAL FEDERAL & NON-FEDERAL	24,643,019
DIRECT STUDENT LOANS	22,643,001
GRAND TOTAL	47,286,020

FY 1987 - 2010

Note: Totals listed represent External Sponsored Projects Accounted for through the Research Office

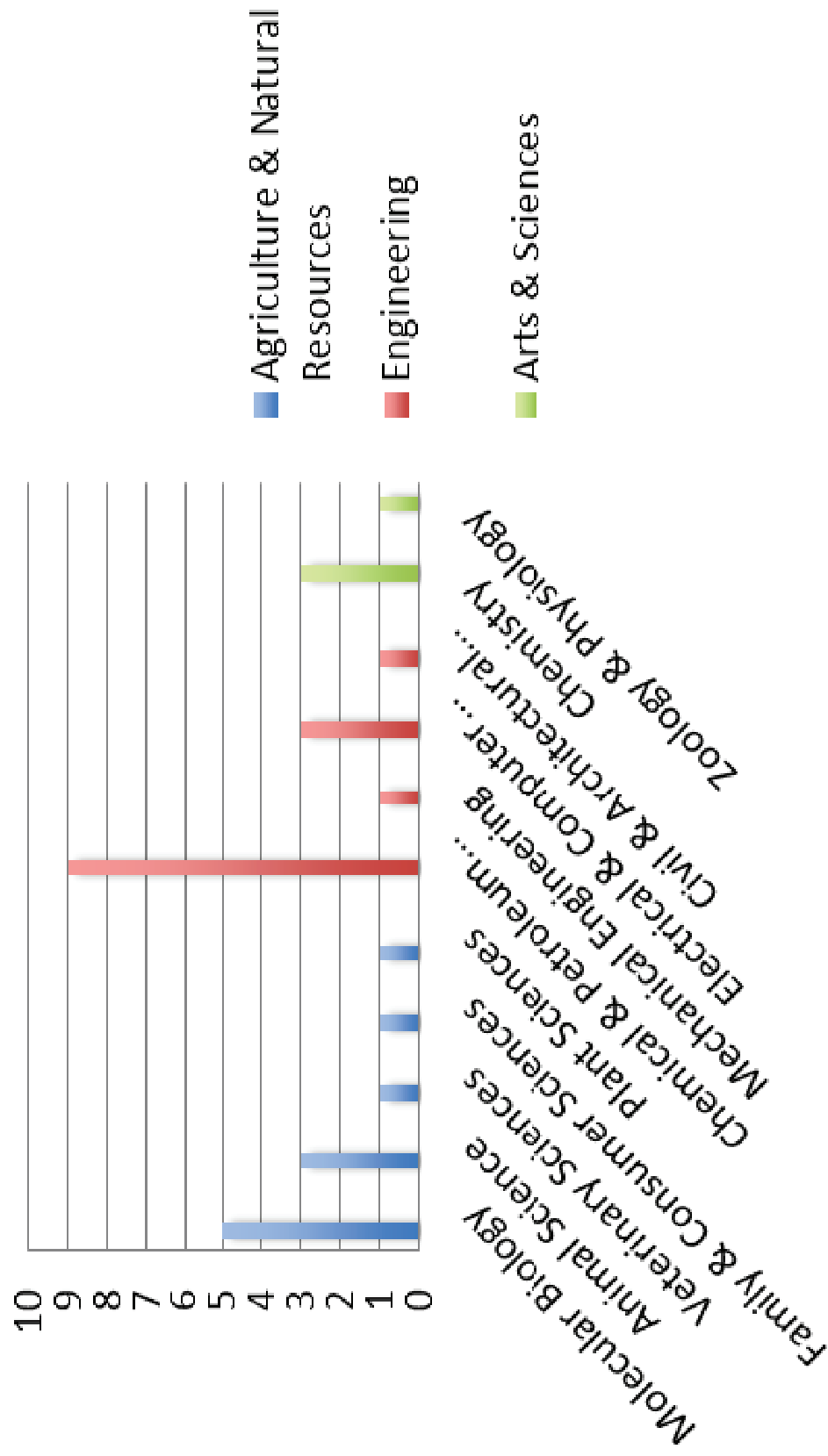


****please note that Federal pass-thru is included in the Federal dollars for FY 2009 and FY 2010, in prior years federal pass-thru was included where it was awarded and not from the source of funds

****Does not include Direct Student Loans

****ARRA is included in the federal portion for 2009 and 2010

UW Patents Filed by Departments



Fiscal Year (FY) 2009 spans the period July 1, 2008 through June 30, 2009.

Agency Abbreviations

NSF: National Science Foundation
NASA: National Aeronautics and Space Administration
EPA: Environmental Protection Agency
NARA: National Archives and Records Administration
DHHS: Department of Health and Human Services
HUD: Department of Housing and Urban Development
USDA: Department of Agriculture
NEAH: National Endowment for the Arts and the Humanities
SBA: Small Business Administration
VA: Department of Veteran Affairs

Department Abbreviations:

ASUW: Associated Students of the University of Wyoming (Student Government)
EPSCOR: Experimental Program to Stimulate Competitive Research
EORI: Enhanced Oil Recovery Institute
UW-NPS: University of Wyoming-National Park Service Research Center
SBDC: Small Business Development Center
WYNDD: Wyoming Natural Diversity Database
IENR: Institute of Environment and Natural Resources
WYGISC: Wyoming Geographic Information Science Center
AHC: American Heritage Center
SER: School of Energy Resources
CRHRE: Center for Rural Health Research and Education
MEPH: Medical Education and Public Health
WWAMI: Washington, Wyoming, Alaska, Montana, and Idaho
GME: General Medical Education

Other Abbreviations:

Inst: Institute
Dept: Department
Natl: National

Contact:

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