

**Research &
Economic Development
Annual Report
External Awards
and
Economic Development Snapshot
FY 2011**



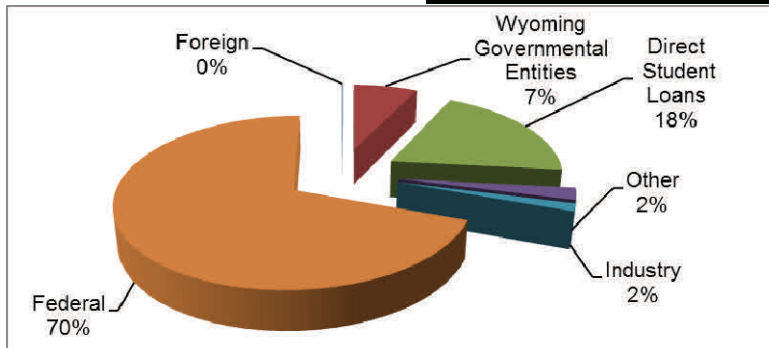
UNIVERSITY OF WYOMING

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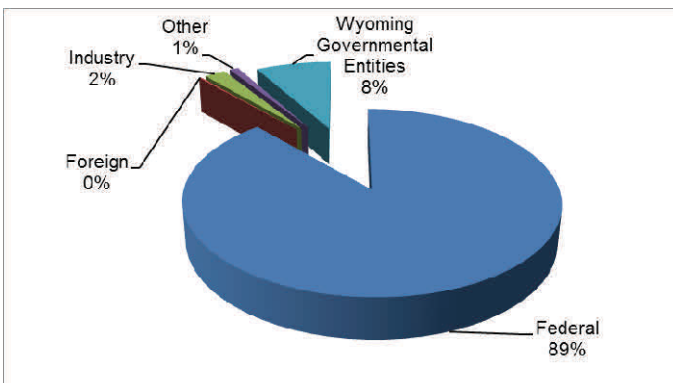
Awards by Sponsor

SPONSOR	NEW AWARDS	AMENDMENTS	TOTAL AWARDED AMOUNT
FEDERAL			
Agency for International Development			
Corporation for National and Community Service	2	0	415,379
Department of Agriculture	45	18	7,950,265
Department of Commerce	3	7	842,227
Department of Defense	4	13	1,706,438
Department of Education	5	41	19,875,764
Department of Energy	9	11	10,578,198
Department of Health and Human Services	31	26	11,687,701
Department of Interior	45	30	3,018,753
Department of Transportation	10	7	1,831,629
National Aeronautics and Space Administration	5	9	2,085,115
National Science Foundation	33	38	11,876,817
Small Business Administration	3	3	1,106,883
Other Federal	4	2	820,019
Total Federal	199	205	73,795,188
NON-FEDERAL			
Foreign	2	3	134,930
Industry	10	68	1,579,878
Other	23	66	2,484,676
Wyoming Governmental Entities	44	40	7,470,913
Total Non-Federal	79	177	11,670,397
TOTAL FEDERAL & NON-FEDERAL	278	382	85,465,585
DIRECT STUDENT LOANS	0	1	20,687,000
TOTAL	278	383	106,152,585
INSTITUTIONAL AWARDS	6	3	80,569,788
GRAND TOTAL	284	386	186,722,373



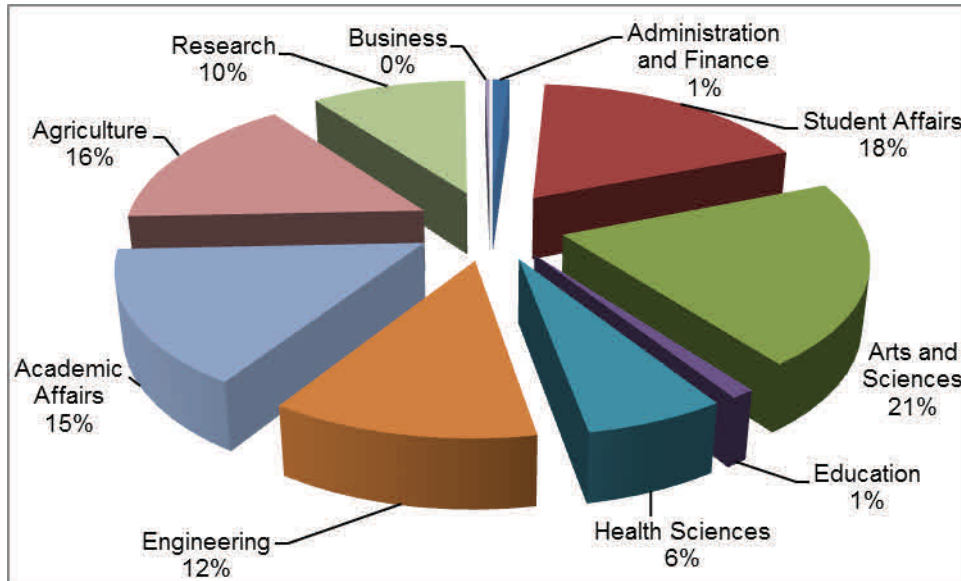
Expenditures by Sponsor

SPONSOR	TOTAL EXPENDITURES
FEDERAL	
Agency for International Development	218,411
Corporation for National and Community Service	395,593
Department of Agriculture	6,242,962
Department of Commerce	908,121
Department of Defense	3,554,201
Department of Education	77,935,174
Department of Energy	3,259,750
Environmental Protection Agency	149,011
Department of Health and Human Services	13,037,883
Department of Interior	17,887,535
Department of Justice	215,040
Department of Transportation	1,896,934
National Aeronautics and Space Administration	3,672,316
National Endowment for the Arts and Humanities	82,766
National Science Foundation	13,670,299
Small Business Administration	718,321
Other Federal	615,477
Total Federal	144,459,794
NON-FEDERAL	
Foreign	395,072
Industry	3,645,109
Other	1,524,511
Wyoming Governmental Entities	13,104,214
Total Non-Federal	18,668,906
GRAND TOTAL	163,128,700



Awards to Organizational Unit

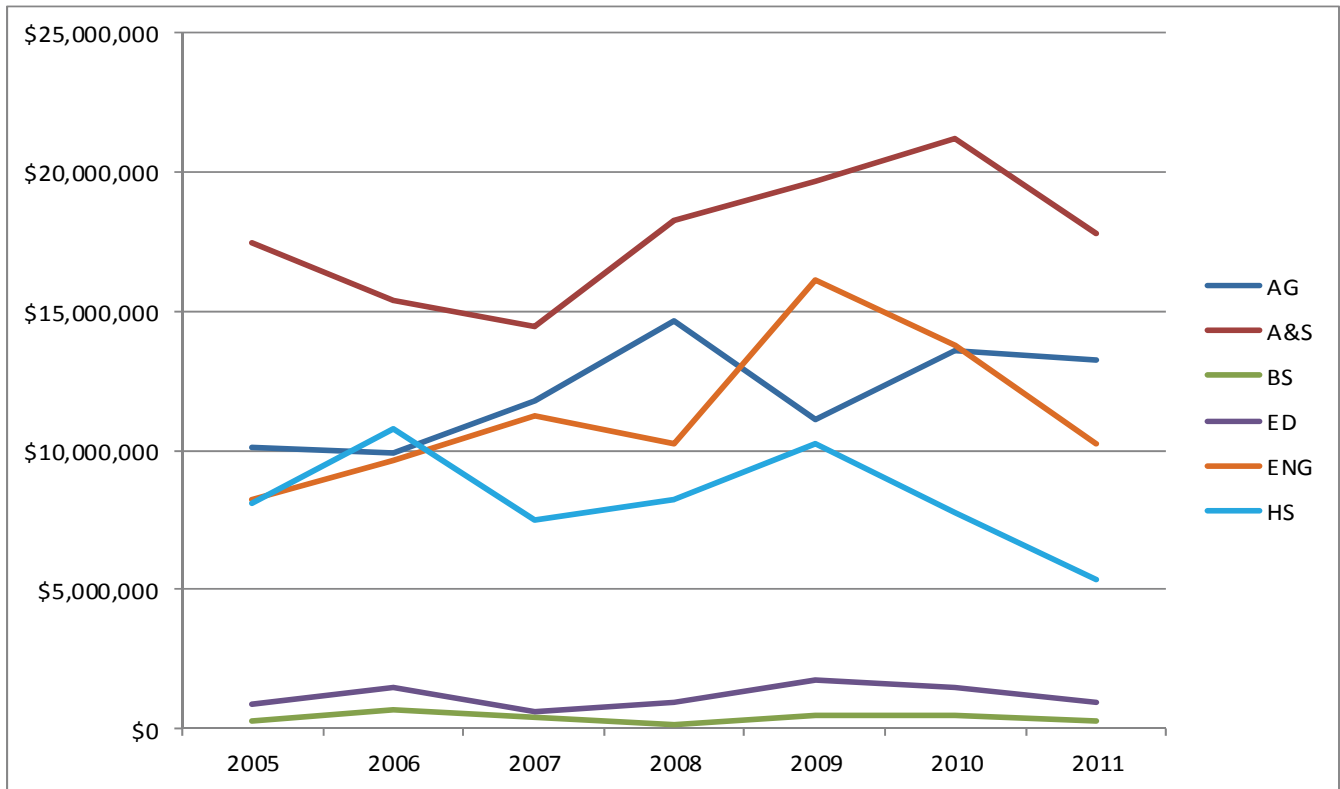
ORGANIZATIONAL UNIT	NEW AWARDS	AMENDMENTS	TOTAL AWARDED AMOUNT
College of Agriculture & Natural Resources	61	63	13,232,638
College of Arts and Sciences	124	102	17,768,136
College of Business	2	5	253,631
College of Education	2	12	927,116
College of Engineering	29	35	10,226,495
College of Health Sciences	15	50	5,382,240
Office of Academic Affairs	24	28	13,007,624
Office of Administration and Finance	2	2	929,922
Office of Research	23	47	8,443,521
Office of Student Affairs	5	44	15,294,261
TOTAL FEDERAL & NON-FEDERAL	287	388	85,465,584
DIRECT STUDENT LOANS	0	1	20,687,000
TOTAL	287	389	106,152,584
INSTITUTIONAL AWARDS	6	3	80,569,788
GRAND TOTAL	293	392	186,722,373



AWARDS by COLLEGE



Awards by College



College of Agriculture

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
Agricultural and Applied Economics	827,063	79,998	907,061
Agricultural Experiment Station	256,347	20,000	276,347
Animal Science	788,633	109,673	898,306
Cooperative Extension	412,744	16,650	429,394
Ag Dean's Office	4,930	846,929	851,859
Family and Consumer Sciences	3,080,935	3,450	3,084,385
Molecular Biology	2,553,774	-	2,553,774
Plant Sciences	827,081	167,064	994,145
Renewable Resources	1,354,336	447,017	1,801,353
Veterinary Sciences	1,138,014	298,000	1,436,014
	11,243,857	1,988,781	13,232,638

SPONSOR	TOTAL AWARDED AMOUNT
FEDERAL	
Agency for International Development	315,289
Department of Agriculture	6,105,312
Department of Energy	570,000
Department of Health and Human Services	2,322,913
Department of Interior	385,770
Department of State	222,596
Environmental Protection Agency	20,200
National Aeronautics and Space Administration	139,058
National Science Foundation	1,162,719
Total Federal	11,243,857

2011 Patent Disclosures: 10

NON-FEDERAL	
Foreign	107,000
Industry	278,106
Other	162,593
Wyoming Governmental Entities	1,441,082
Total Non-Federal	1,988,781

GRAND TOTAL 13,232,638

Note: the total federal award column does not include the federal formula funds we received as a land-grant institution.



College of Arts & Sciences

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
American Indian Studies	67,641	6,000	73,641
Anthropology & Frison Institute	528,879	-	528,879
A&S Dean's Office	70,052	100,000	170,052
Botany	1,298,671	155,968	1,454,639
Chemistry	1,360,004	-	1,360,004
Cultural Programs	12,500	-	12,500
English	2,000	-	2,000
Geography & Recreation	454,489	105,593	560,082
Geology & Geophysics	2,485,733	31,704	2,517,437
International Studies	157,458	-	157,458
Math	756,013	-	756,013
Music	-	5,706	5,706
Physics and Astronomy	3,990,033	140,616	4,130,649
Psychology	198,228	6,000	204,228
Religious Studies	500	2,000	2,500
Sociology	69,355	-	69,355
Statistics	-	8,813	8,813
Theatre and Dance	7,956	7,514	15,470
Woman's Studies	10,562	-	10,562
WYSAC	792,870	2,223,586	3,016,456
Zoology and Physiology & Neuroscience	1,961,790	749,902	2,711,692
	14,224,734	3,543,402	17,768,136



College of Arts & Sciences continued

SPONSOR	TOTAL EXPENDITURES
FEDERAL	
Department of Agriculture	219,400
Department of Defense	385,692
Department of Education	149,621
Department of Energy	3,211,071
Department of Health and Human Services	1,443,426
Department of Interior	1,897,888
National Aeronautics and Space Administration	1,749,403
National Science Foundation	4,371,664
Other Federal	360,952
Total Federal	<u>13,789,117</u>
 NON-FEDERAL	
Foreign	23,769
Industry	302,760
Other	1,222,045
Wyoming Governmental Entities	2,430,445
Total Non-Federal	<u>3,979,019</u>
GRAND TOTAL	<u>17,768,136</u>

2011 Patent

Disclosures: 3

Notes:

Other Federal Includes: Environmental Protection Agency, National Endowment for the Arts and Humanities, National Security Agency, Dept. of Commerce, Dept. of Justice, and Dept. of Transportation.

COBRE is now being reported under the Office of Research & Economic Development

College of Business

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
Economics and Finance	199,435	54,196	253,631
	199,435	54,196	253,631

SPONSOR	TOTAL EXPENDITURES
FEDERAL	
Department of Commerce	134,642
Total Federal	134,642

NON-FEDERAL	
Other	64,793
Wyoming Governmental Entities	54,196
Total Non-Federal	118,989
GRAND TOTAL	253,631



College of Education

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
Counselor Education	323,408	-	323,408
Science-Math Teaching Center	533,436	35,272	568,708
Secondary Education	35,000	-	35,000
	891,844	35,272	927,116

SPONSOR	TOTAL EXPENDITURES
FEDERAL	
Department of Education	35,000
National Science Foundation	503,957
Total Federal	538,957
 NON-FEDERAL	
Industry	25,272
Other	29,479
Wyoming Governmental Entities	333,408
Total Non-Federal	388,159
GRAND TOTAL	927,116



College of Engineering

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
Atmospheric Science	3,364,782	210,000	3,574,782
Chemical and Petroleum Engineering	2,561,271	164,000	2,725,271
Civil and Architectural Engineering	1,347,010	985,249	2,332,259
Computer Science	568,012	-	568,012
Electrical Engineering	703,202	-	703,202
Mechanical Engineering	298,149	24,820	322,969
	8,842,426	1,384,069	10,226,495

SPONSOR

TOTAL EXPENDITURES

FEDERAL

Department of Agriculture	89,063
Department of Defense	281,831
Department of Energy	1,697,127
Department of Health and Human Services	119,000
Department of Interior	10,000
National Aeronautics and Space Administration	196,654
National Science Foundation	5,251,414
Department of Transportation	853,225
Total Federal	8,498,314

NON-FEDERAL

Foreign	
Industry	508,743
Other	271,592
Wyoming Governmental Entities	947,846
Total Non-Federal	1,728,181

GRAND TOTAL 10,226,495



*2011 Patent
Disclosures: 17*

College of Health Sciences

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
Center for Rural Health & Public Health	294,000	-	294,000
Kinesiology and Health Promotions	1,077,737	5,000	1,082,737
Medical Education & Public Health & WWAMI/GME	310,117	6,552	316,669
Nursing	622,604	107,678	730,282
Pharmacy	671,398	90,000	761,398
Social Work	10,000	-	10,000
WIND	1,914,056	273,098	2,187,154
	4,899,912	482,328	5,382,240

SPONSOR	TOTAL EXPENDITURES
FEDERAL	
Department of Agriculture	985,000
Department of Education	283,338
Department of Health and Human Services	3,631,574
Total Federal	4,899,912
NON-FEDERAL	
Industry	103,726
Other	225,519
Wyoming Governmental Entities	153,083
Total Non-Federal	482,328
GRAND TOTAL	5,382,240

Notes:

INBRE is now being reported under the Office of Research & Economic Development



AWARDS by ADMINISTRATIVE UNIT

Administration and Finance

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
Fleet Operations	905,122	-	905,122
UW Police	24,800	-	24,800
	929,922	-	929,922

SPONSOR	TOTAL EXPENDITURES
FEDERAL	
Department of Transportation	929,922
Total Federal	929,922
GRAND TOTAL	929,922

Academic Affairs

UNITS	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
American Heritage Center	-	10,000	10,000
Art Museum	45,000	62,172	107,172
Casper College	131,899	-	131,899
Coe Library	93,750	-	93,750
Extended Studies	395,786	-	395,786
Institute for Environment & Natural Resources	463,473	241,910	705,383
Provost of Academic Affairs	5,200,000	-	5,200,000
School of Energy Resources	5,000,000	4,161	5,004,161
Wyoming Public Radio	-	376,345	376,345
WYGISC	383,492	22,173	405,665
Other	575,463	2,000	577,463
	12,288,863	718,761	13,007,624

SPONSOR

TOTAL EXPENDITURES

FEDERAL

Cooperation for National and Community Service	197,543
Department of Agriculture	232,930
Department of Education	5,200,000
Department of Energy	5,100,000
Department of Health and Human Services	621,435
Department of Interior	341,492
National Endowment for the Arts and Humanities	20,000
National Science Foundation	575,463

Total Federal 12,288,863

NON-FEDERAL

Foreign	4,161
Other	489,628
Wyoming Governmental Entities	224,972

Total Non-Federal 718,761

GRAND TOTAL 13,007,624

Note: other includes the Graduate School

Includes 5.2M ARRA (SFSF) For Academic Purposes

Research & Economic Development

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
COBRE	1,980,113	-	1,980,113
INBRE	1,461,933	-	1,461,933
Manufacturing Works	637,049	908,600	1,545,649
Research Products Center	-	98,295	98,295
Small Business Development Center	1,467,831	887,260	2,355,091
Vice President for Research	11,600	314,424	326,024
WYNDD	647,817	28,599	676,416
	6,206,343	2,237,178	8,443,521

SPONSOR	TOTAL EXPENDITURES
FEDERAL	
Department of Agriculture	318,560
Department of Commerce	637,049
Department of Defense	275,442
Department of Health and Human Services	3,444,206
Department of the Interior	383,603
National Science Foundation	11,600
Small Business Administration	1,106,883
Total Federal	6,177,343
NON-FEDERAL	
Industry	361,271
Other	19,027
Wyoming Governmental Entities	1,885,880
Total Non-Federal	2,266,178
GRAND TOTAL	8,443,521

NOTES:

INBRE and COBRE are now reported under Office of Research & Economic Development

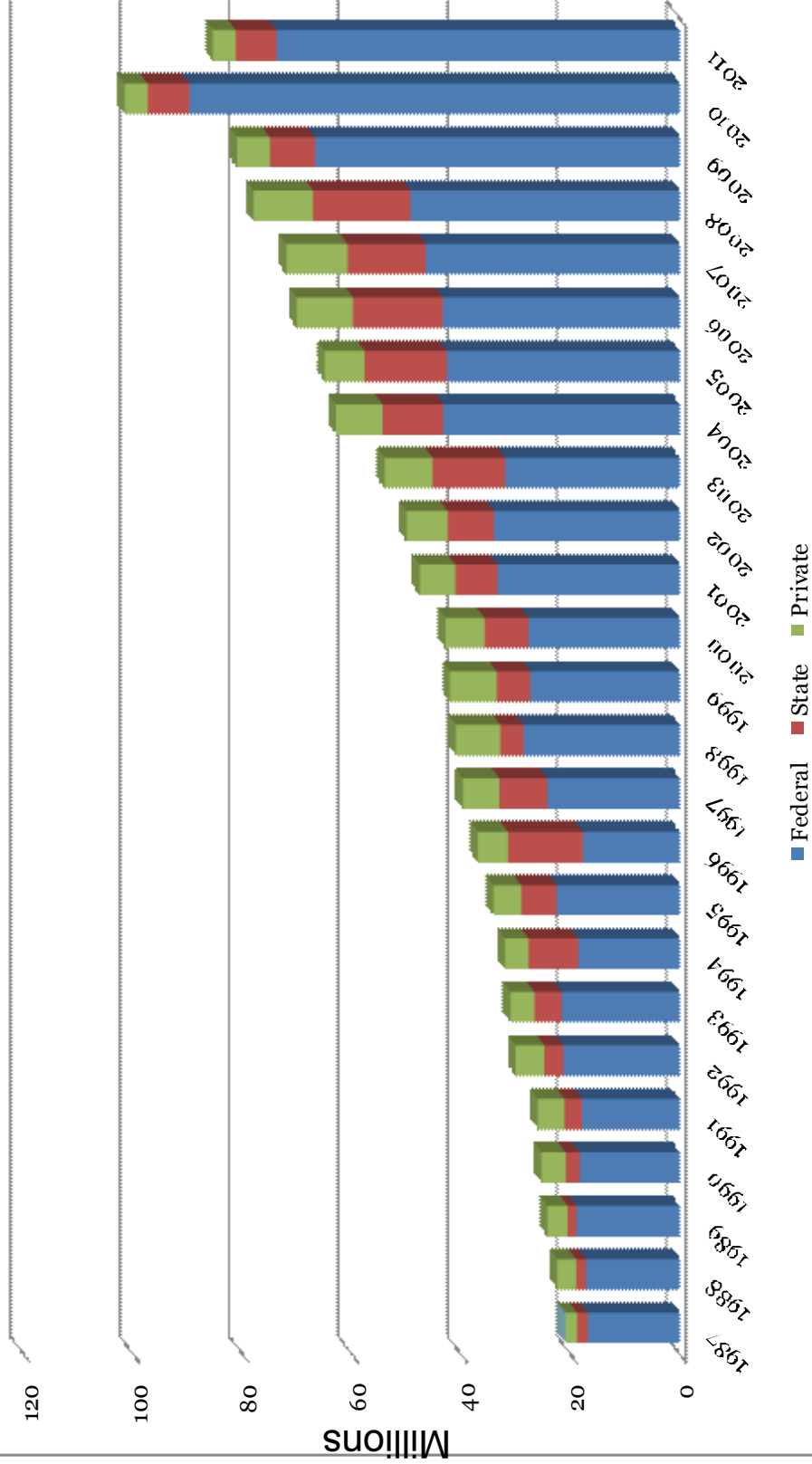
Nothing reported in FY2011 for WTBC and Office of Water Programs

Student Affairs

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
ASUW			-
Counseling Center	105,147	-	105,147
Direct Student Loans	20,687,000		20,687,000
Student Educational Opportunity	4,174,137	-	4,174,137
Student Financial Aid	8,533,668	-	8,533,668
Student Financial Operations	763,473	-	763,473
VP Student Affairs	1,500,000	-	1,500,000
Wyoming Union	217,836		217,836
	35,981,261	-	35,981,261

SPONSOR	TOTAL EXPENDITURES
FEDERAL	
Cooperation for National and Community Service	217,836
Department of Defense	763,473
Department of Education	14,207,805
Department of Health and Human Services	105,147
National Endowment for the Arts and Humanities	
Total Federal	15,294,261
TOTAL FEDERAL & NON-FEDERAL	15,294,261
DIRECT STUDENT LOANS	20,687,000
GRAND TOTAL	35,981,261

Total Awards FY 1987 - 2011

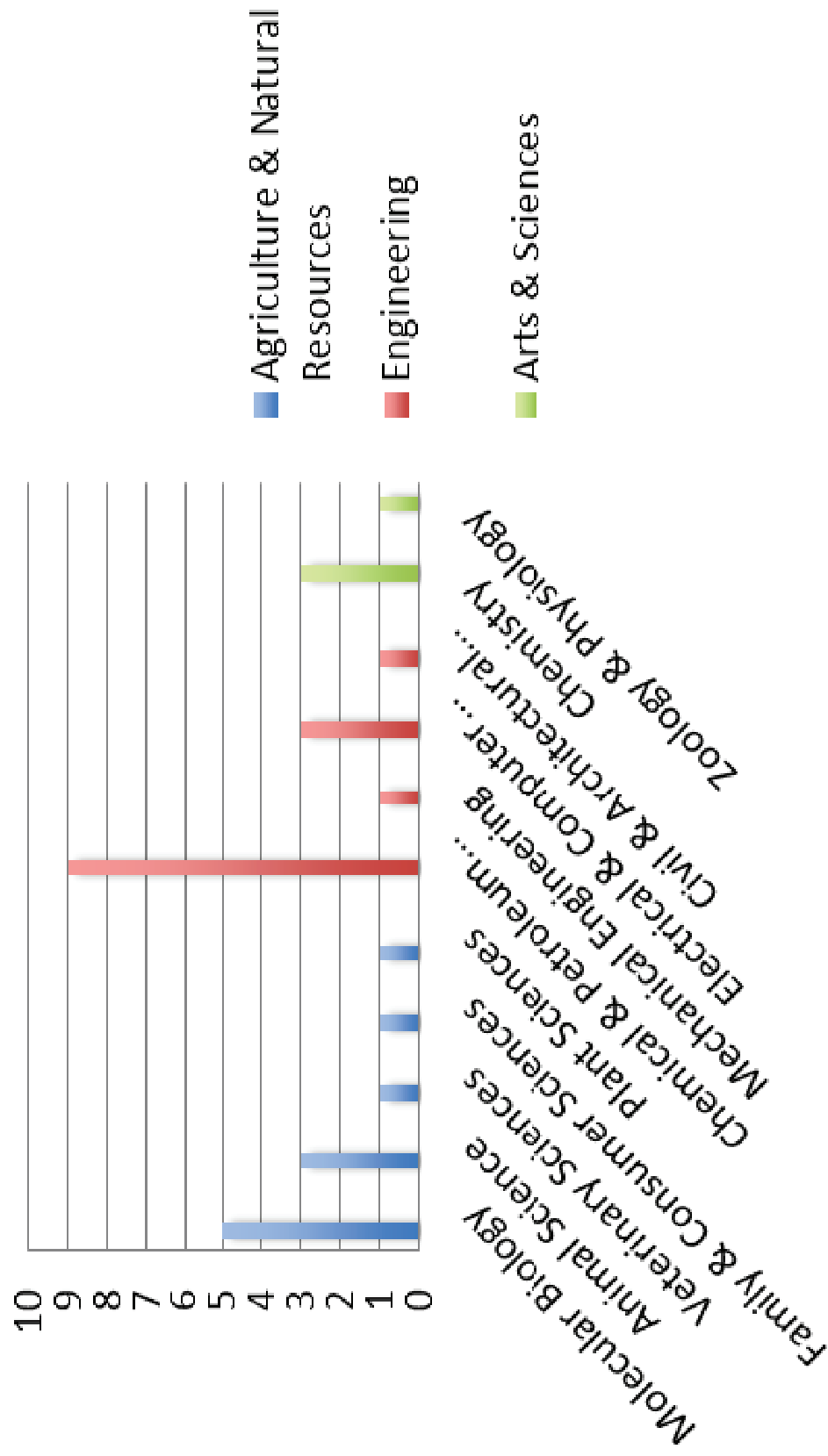


****please note that Federal pass-thru is included in the Federal dollars for FY 2009, FY 2010, and FY 2011 in prior years federal pass-thru was included where it was awarded and not from the source of funds

****Does not include Direct Student Loans

****ARRA is included in the federal portion for 2009, 2010, and 2011

UW Patents Filed by Departments



Small Business Development Centers

Wyoming Entrepreneur is a network of three programs at the University of Wyoming, with offices throughout the state. The programs include the Small Business Development Center (SBDC), Procurement Technical Assistance Center (PTAC) and Market Research Center (MRC).

Wyoming Entrepreneur consists of a partnership between the University of Wyoming, the Wyoming Business Council and the U.S. Small Business Administration.

In order to best serve entrepreneurs in Wyoming, we have developed a number of consulting specialties which include selling to government, business plans, marketing plans, financial health checkup, business valuation, eCommerce, succession planning, international trade, tourism marketing, market research, business ethics, social media, QuickBooks, and others.

FY11

- \$ 14,019,428 capital impact
- 846 jobs created or retained
- 1670 clients assisted
- 46 training events – 833 attendees, 1,630 training hours

Sixteen years of assisting clients

- 35,375 clients have been served
- \$173,749,119 capital impact
- 7,196 jobs created or retained

Funding

- Federal (SBA) \$627,777
- State (WBC) \$806,278
- UW also provides matching

Procurement Technical Assistance Center (PTAC)

The Wyoming Entrepreneur Procurement Technical Assistance Center's mission is to assist Wyoming firms with identifying and securing federal, state, and local government contracting opportunities. We are here to help you navigate the government contracting learning curve and make the whole process a little easier.

FY11

- 193 total contracts
- \$11,776,777 total dollar value of prime contract and subcontract awards received by all small business concerns
- 235 jobs created or retained
- \$107,600,739 assisted businesses in obtaining contracts
- 513 attendees trained on procurement topics

Market Research Center (MRC)

The Wyoming Market Research Center is part of the Wyoming Small Business Development Center and it provides data to the SBDC as they assist clients. The Market Research Center offers a wide variety of research and information services to Wyoming businesses. All services are free of charge and enable businesses in Wyoming to access sophisticated resources that normally are normally not accessible to Wyoming businesses.

FY 11

344 clients assisted
451 projects researched

8 years of assisting clients

2,105 clients assisted
2,944 projects researched

Clients assisted may cross over between SBDC and MRC due to referrals from other programs.



Manufacturing-Works



The National Institutes of Standards and Technology is the federal partner offering the Manufacturing Extension Partnership, of which Wyoming's Manufacturing Works is a member. This program provides a set of specific services to assist manufacturing businesses (as determined by NAICS Code) throughout Wyoming.

FY 11

\$4,658,800 capital impact

\$4,204,923 decreased costs

\$14,046,100 increased sales

1,736 jobs created or retained

346 clients assisted

Sixteen years of assisting clients

\$48,876,702 capital impact

\$177,684,230 increased sales

\$74,600,768 in decreased costs

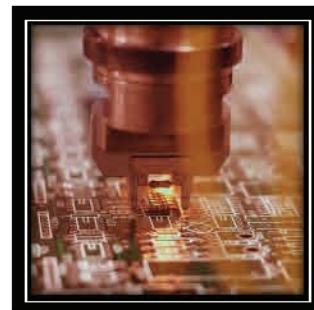
1,736 jobs created or retained

Funding

Federal (NIST) \$372,049

State (WBC) \$608,853

UW also provides matching.



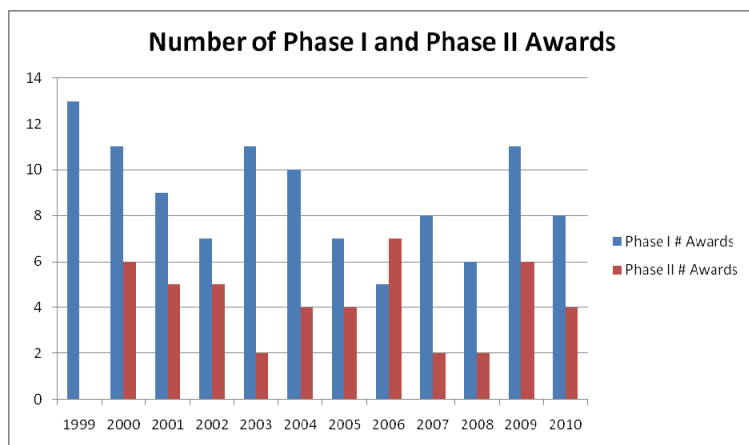
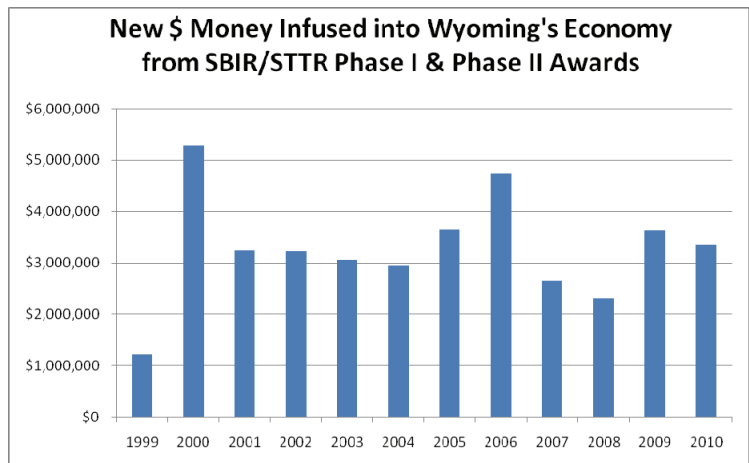
Wyoming SBIR/STTR Initiative



The Mission of the WSSI is to assist all qualified Wyoming small businesses and individuals in accessing the federal funding opportunities provided by the Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) Programs; ~\$2 billion annually.

FY 11

Total Federal \$3,400,000
 Total awards 12 Phase I and Phase II Awards
14 years of assisting clients
 Total Federal \$48,200,000
 Total awards 140



Funding*

State \$304,128

*only the federal awards made to Wyoming Small Technology Businesses reported above, there is no federal administrative program available.

Wyoming Research Products Center

The RPC is the technology transfer office for the University of Wyoming and assists Wyoming entrepreneur or inventor across the state with questions regarding IP protection for technology. We will work closely and supportively with Wyoming citizens and companies to help them identify, protect and commercialize their intellectual property.

FY11

7 provisional patent applications

25 utility patent applications

6 patents issues

80 UW IP Agreements signed

7 licenses granted

155 Independent Wyoming Inventor IP projects

11 years of assisting clients

162 provisional patent applications

172 UW Utility patent applications

597 filed or co-owned patent applications

54 UW patents issued

596 UW IP Agreements signed

53 licenses granted

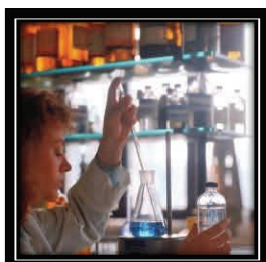
585 independent Wyoming inventor IP projects

Funding*

State \$98,295

UW provides salary and benefits for the state director,

*no federal program available, this program is unique to Wyoming



Wyoming Technology Business Center



The WTBC focuses on developing early stage, technology-based companies with an emphasis on high-growth firms.

- One-on-one business counseling program
- Executive coaching services
- Incubator/Outreach (Laramie and Statewide)
- e2e events - statewide networking opportunities

Business development program, 30,000 sq. ft. facility with:

- State-of-the-art data center
- Office space, laboratories
- Shared conference room space for client companies

WTBC Graduates:

Currently 8 companies under incubation

3 companies have graduated

83 employees

Average income: \$65,000/yr

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
UDSA: 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

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