# Research & Economic Development Annual Report External Awards and

Economic Development Snapshot FY 2014







University of Wyoming

For fiscal year 2014 the University of Wyoming received \$82 million in external awards. This funding level is directly due to the capabilities and diligence of UW's dedicated faculty and staff.

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 contains the standard external sponsored program funding using historic methodologies for determining the \$82 million. This allows us to compare prior years' data. In addition we show 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 \$59 million in these loan funds.

The Research Office congratulates all who have received external funding. Through your hard work, UW's reputation grows and our constituents' benefit.

William A. Gern, Vice President Research & Economic Development

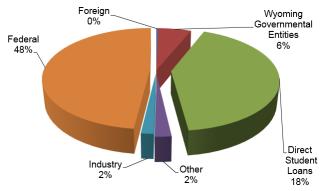
William Elber -

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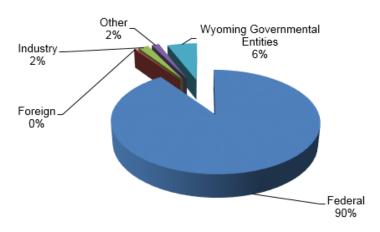
#### **Awards by Sponsor**

SPONSOR	NEW AWARDS	AMENDMENTS	TOTAL AWARDED AMOUNT
FEDERAL & FEDERAL PASS-THROUGH	AWANDS	AMENDMENTS	AMOUNT
Corporation of National and Community Service	1	_	128,547
Department of Agriculture	45	19	6,495,735
Department of Agriculture  Department of Commerce	2	1	481,857
Department of Defense	8	6	1,719,063
Department of Education	11	20	18,176,662
Department of Energy	2	11	3,561,071
Department of Health and Human Services	21	39	11,490,775
Department of Homeland Security	3	-	274,067
Department of Interior	25	36	3,660,540
Department of Justice	2	-	168,774
Department of State	-	1	192,600
Department of Transportation	12	13	3,540,710
Environmental Protection Agency	2	1	60,856
Federal Communications Commission	-	1	62,429
National Aeronautics and Space Administration	9	10	2,351,016
National Endowment for the Arts & Humanities	8	2	38,310
National Science Foundation	13	29	15,033,670
Small Business Administration	1	2	646,249
Total Federal	165	191	68,082,931
NON-FEDERAL			
Foreign	5	3	419,794
Industry	35	135	2,229,061
Other	52	27	2,973,936
Wyoming Governmental Entities	61	40	8,303,847
Total Non-Federal	153	205	13,926,638
TOTAL FEDERAL & NON-FEDERAL	318	396	82,009,569
DIRECT STUDENT LOANS	1	1	59,408,527
GRAND TOTAL	319	397	141,418,096



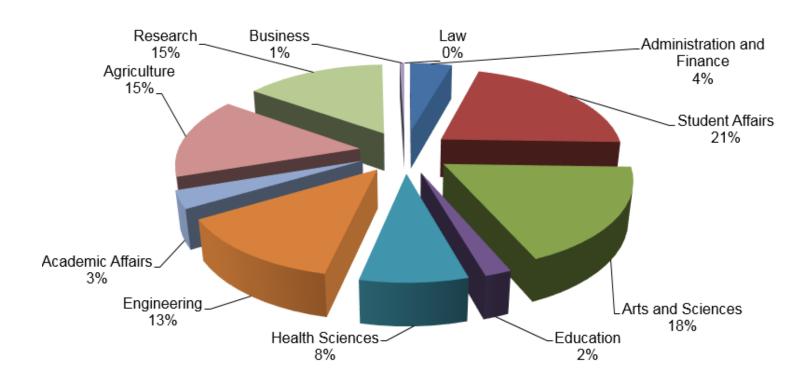
#### **Expenditures by Sponsor**

SPONSOR	TOTAL EXPENDITURES
FEDERAL & FEDERAL PASS-THROUGH	
Agency for International Development	335,968
Corporation for National and Community Service	59,635
Department of Agriculture	9,363,898
Department of Commerce	600,194
Department of Defense	2,262,119
Department of Education	59,916,273
Department of Energy	3,324,884
Department of Health and Human Services	9,529,068
Department of Homeland Security	175,746
Department of Interior	18,203,297
Department of Justice	59,486
Department of State	172,682
Department of Transportation	2,382,319
Environmental Protection Agency	91,952
National Aeronautics and Space Administration	2,074,819
National Endowment for the Arts and Humanities	45,320
National Science Foundation	15,341,885
Small Business Administration	908,528
Other Federal	28,713
Total Federal_	124,876,786
NON-FEDERAL	
Foreign	565,661
Industry	2,837,888
Other	2,010,827
Wyoming Governmental Entities	7,999,125
Total Non-Federal_	13,413,501
GRAND TOTAL_	138,290,287



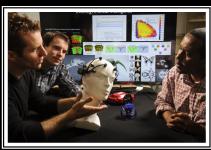
#### **Awards to Organizational Unit**

ORGANIZATIONAL UNIT	NEW AWARDS	AMENDMENTS	TOTAL AWARDED AMOUNT
College of Agriculture & Natural Resources	96	81	12,377,326
College of Arts & Sciences	98	90	14,813,314
College of Business	3	2	388,846
College of Education	3	3	1,614,041
College of Engineering	30	41	10,725,011
College of Health Sciences	13	60	6,463,118
College of Law	-	-	-
Office of Academic Affairs	19	15	2,710,997
Office of Administration & Finance	11	5	3,599,213
Office of Research	22	80	12,002,862
Office of Student Affairs	23	19	17,314,841
TOTAL FEDERAL & NON-FEDERAL	318	396	82,009,569
DIRECT STUDENT LOANS	1	1	59,408,527
GRAND TOTAL	319	397	141,418,096



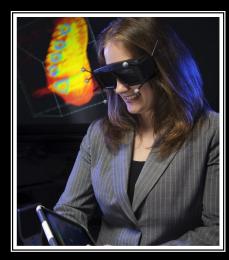
# AWARDS by COLLEGE

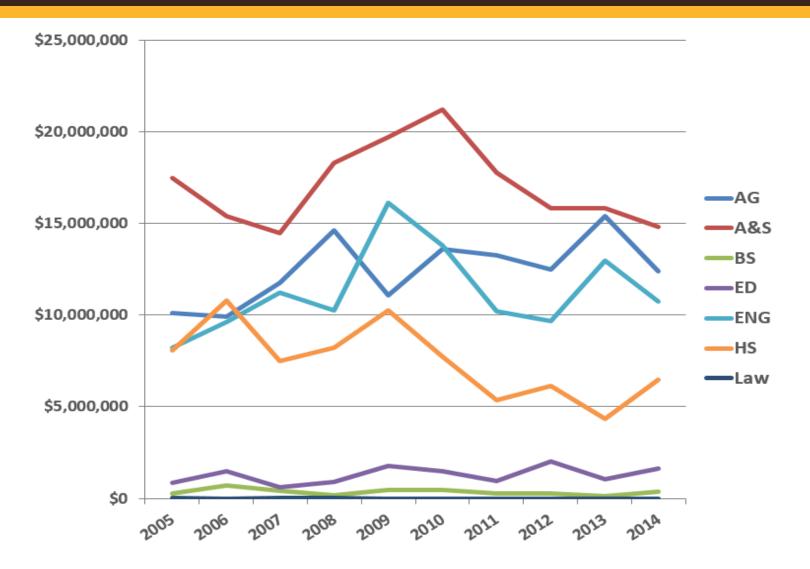












#### **Highest Academic Department Awards by College:**

Agriculture: (AG) - Molecular Biology	\$2,992,347
Arts & Sciences (A&S) - Botany	\$3,615,606
Business (BS) - Economics & Finance	\$ 388,846
Education (ED) - STMC	\$1,011,990
Engineering (ENG) - Atmospheric Sciences	\$6,119,002
Health Sciences (HS) - School of Pharmacy	\$2,230,868

#### College of Agriculture & Natural Resources

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
Agricultural and Applied Economics	515,305	73,584	588,889
Agricultural Experiment Station	558,753	915,134	1,473,887
Animal Science	660,214	2,158	662,372
Cooperative Extension Service	659,712	113,053	772,765
Dean's Office	5,000	11,900	16,900
Ecosystem Science & Management	765,710	616,338	1,382,048
Family and Consumer Sciences	2,263,879	4,800	2,268,679
Molecular Biology	2,878,719	113,628	2,992,347
Plant Sciences	990,962	450,928	1,441,890
Veterinary Sciences	625,049	152,500	777,549
	9,923,303	2,454,023	12,377,326

2014 Patent
Disclosures: 12

2014 Trademarks: 2

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

	TOTAL
	AWARDED
SPONSOR	AMOUNT
FEDERAL	

Department of Agriculture	5,073,520
Department of Defense	76,300
Department of Health and Human Services	3,152,108
Department of Homeland Security	104,121
Department of Interior	482,937
Department of Justice	97,828
Department of State	192,600
National Science Foundation	743,523

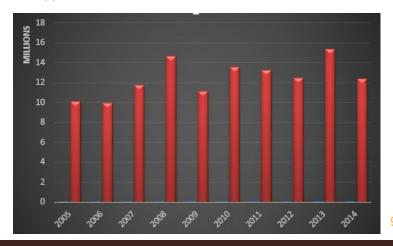
Total Federal 9,922,937

#### **NON-FEDERAL**

Foreign	11,494
Industry	799,172
Other	198,170
Wyoming Governmental Entities	1,445,553

Total Non-Federal 2,454,389

GRAND TOTAL 12,377,326





#### College of Arts & Sciences

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
African American & Diaspora Studies	FEDERAL	NON-FEDERAL	AWOUNT
American Indian Studies	-	10,000	10,000
American mulan Studies American Studies	10,000	51,500	61,500
Anthropology & Frison Institute	183,001	172,499	355,500
Art	100,001	22,000	22,000
Botany	3,576,312	39,294	3,615,606
Chemistry	819,485	-	819,485
Communications & Journalism	010,400	_	010,400
Criminal Justice	_	_	_
English	_	5,000	5,000
Gender & Women's Studies	-	-	-
Geography	16,973	2,579	19,552
Geology & Geophysics	1,018,383	116,516	1,134,899
Global & Area Studies	4,837	-	4,837
History	-	-	-
Latina/o Studies	-	-	-
Life Sciences Program	-	-	-
Mathematics	238,353	-	238,353
Modern & Classical Languages	-	-	-
Music	4,723	-	4,723
Philosophy	-	-	-
Physics and Astronomy	655,691	80,250	735,941
Political Science	-	-	-
Psychology	31,004	20,888	51,892
Religious Studies	750	-	750
Sociology	28,074	-	28,074
Statistics	-	-	-
Theatre and Dance	-	12,559	12,559
WYSAC	2,901,088	1,578,022	4,479,110
Zoology and Physiology	2,328,383	885,150	3,213,533
	11,817,057	2,996,257	14,813,314

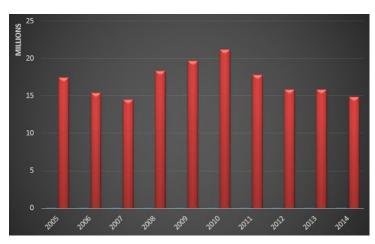


#### College of Arts & Sciences continued

SPONSOR	TOTAL AWARDED AMOUNT
FEDERAL	AWOUNT
	000 544
Department of Agriculture	208,514
Department of Commerce	43,662
Department of Defense	38,804
Department of Education	293,534
Department of Energy	654,899
Department of Health and Human Services	4,266,082
Department of Interior	1,270,315
Department of Justice	70,946
Department of Transportation	27,058
Environmental Protection Agency	12,000
National Aeronautics and Space Administration	839,643
National Endowment for the Arts & Humanities	20,310
National Science Foundation	4,071,290
Total Federal	11,817,057
NON-FEDERAL	
	27.400
Foreign	37,100
Industry	296,314
Other	1,582,162
Wyoming Governmental Entities	1,080,681
Total Non-Federal	2,996,257
	44 042 244
GRAND TOTAL	14,813,314

2014

Patent Disclosures: 6

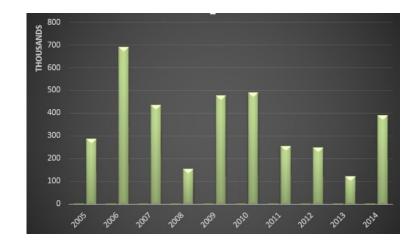


#### **College of Business**

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
Accounting	-	-	
Economics and Finance	66,146	322,700	388,846
Management & Marketing	-	-	-
MBA Program	=	-	
_	66,146	322,700	388,846

SPONSOR	TOTAL AWARDED AMOUNT		
FEDERAL			
Department of Commerce	66,146		
Total Federal	66,146		
NON-FEDERAL Foreign	100,000		
Wyoming Governmental Entities	222,700		
Total Non-Federal	322,700		
GRAND TOTAL	388,846		

2014 Patent
Disclosures: 1

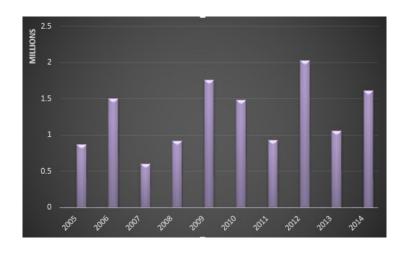




#### **College of Education**

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
Curriculum & Instruction	-	-	-
Educational Studies	-	-	-
Elementary & Early Childhood Education	-	-	-
Professional Studies	-	-	-
Science-Math Teaching Center	1,011,990	-	1,011,990
Secondary Education	602,051	-	602,051
	1,614,041	-	1,614,041

SPONSOR	TOTAL AWARDED AMOUNT
FEDERAL	
Department of Education	421,613
National Aeronautics and Space Administration	218,293
National Science Foundation	974,135
Total Federa	1,614,041
GRAND TOTAL	1,614,041



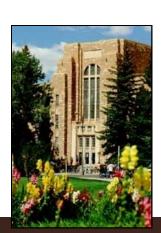


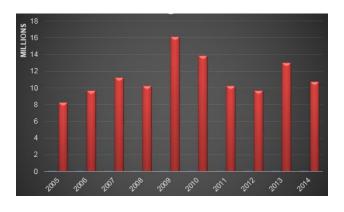
#### **College of Engineering**

			TOTAL AWARDED
DEPARTMENT	FEDERAL	<b>NON-FEDERAL</b>	<b>AMOUNT</b>
Atmospheric Science	5,632,002	487,000	6,119,002
Chemical and Petroleum Engineering	547,205	320,375	867,580
Civil and Architectural Engineering	1,238,992	761,928	2,000,920
Computer Science	44,000	40,463	84,463
Electrical and Computer Engineering	468,329	-	468,329
Mechanical Engineering	1,091,517	93,200	1,184,717
-	9,022,045	1,702,966	10,725,011

SPONSOR	TOTAL AWARDED AMOUNT
FEDERAL	
Department of Defense	1,098,045
Department of Education	103,822
Department of Energy	753,385
Department of Interior	165,000
Department of Transportation	1,238,992
National Aeronautics and Space Administration	418,079
National Science Foundation	5,244,722
Total Federal	9,022,045
NON-FEDERAL	
Foreign	271,200
Industry	448,265
Other	524,353
Wyoming Governmental Entities	459,148
Total Non-Federal	1,702,966
GRAND TOTAL	10,725,011

2014 Patent
Disclosures: 23





#### **College of Health Sciences**

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
Communication Disorders	55,000	-	55,000
Health Science Dean's Office	135,934	-	135,934
Kinesiology & Health	995,742	16,000	1,011,742
Medical Education & Public Health & WWAMI/GME	76,252	12,361	88,613
Nursing	220,000	1,140	221,140
Pharmacy	2,065,228	165,640	2,230,868
Social Work	-	154,000	154,000
WIND	1,985,168	580,653	2,565,821
	5,533,324	929,794	6,463,118

SPONSOR	TOTAL AWARDED AMOUNT
FEDERAL	
Department of Agriculture	995,742
Department of Education	756,318
Department of Health and Human Services	3,718,835
Federal Communications Commission	62,429
Total Federal	5,533,324
NON-FEDERAL	
Industry	138,853
Other	130,322
Wyoming Governmental Entities	660,619
Total Non-Federal	929,794
	-

2014 Patent
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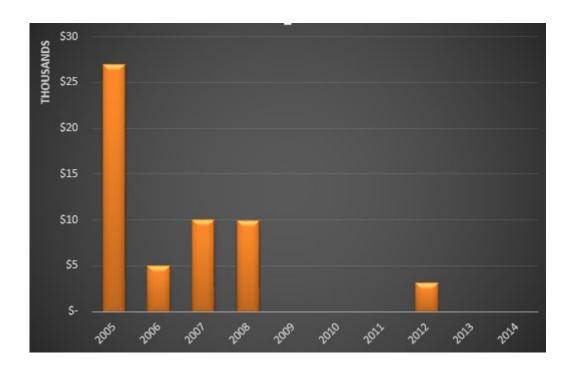
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**GRAND TOTAL\_** 



6,463,118

#### **College of Law**





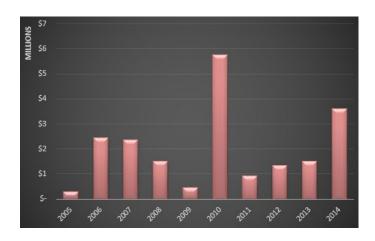
# AWARDS by ADMINISTRATIVE UNIT

#### **Administration and Finance**

DEPARTMENT
Facilities Planning
TransPark
UW Police

FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
1,100,154	-	1,100,154
2,193,058	112,231	2,305,289
181,860	11,910	193,770
3.475.072	124.141	3.599.213

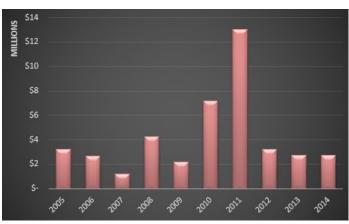
SPONSOR	TOTAL AWARDED AMOUNT
FEDERAL	
Department of Homeland Security	169,947
Department of Interior	1,100,154
Department of Transportation	2,204,971
Total Federal	3,475,072
NON-FEDERAL	
Industry	112,231
Wyoming Governmental Entities	11,910
Total Non-Federal	124,141
GRAND TOTAL	3,599,213



#### **Academic Affairs**

DEPARTMENT	FEDERAL	NON-FEDERAL	TOTAL AWARDED AMOUNT
American Heritage Center	-	10,265	10,265
Art Museum	18,000	6,818	24,818
Coe Library	-	110,880	110,880
Institute for Environment & Natural Resources	-	40,807	40,807
Outreach School	-	3,000	3,000
School of Energy Resources	1,598,174	-	1,598,174
Wyoming Public Radio	182,513	375,698	558,211
WYGISC		364,842	364,842
	1,798,687	912,310	2,710,997

SPONSOR	TOTAL AWARDED AMOUNT
FEDERAL	
Department of Agriculture	21,000
Department of Energy	1,320,788
Department of Interior	369,209
Department of Transportation	69,690
Library of Congress	
National Endowment for the Arts and Humanities	18,000
National Science Foundation	
Total Federa	1,798,687
NON-FEDERAL	
Foreign	
Industry	21,031
Other	508,529
Wyoming Governmental Entities	382,750
Total Non-Federa	912,310

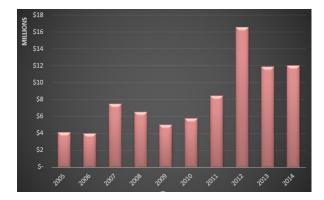


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otal Non-Federal	912,310
GRAND TOTAL	2,710,997

#### **Research & Economic Development**

			TOTAL AWARDED
DEPARTMENT	FEDERAL	NON-FEDERAL	AMOUNT
EPSCoR	5,707,000	-	5,707,000
INBRE			-
Manufacturing Works	420,905	834,053	1,254,958
Neuroscience Center	353,750	-	353,750
Office of Water Programs			-
Research Products Center	-	98,295	98,295
Small Business Development Center	884,432	794,342	1,678,774
UW-National Park Service	27,500	-	27,500
VP Research	92,335	1,313,458	1,405,793
Wyoming Technology Business Center	-	1,152,150	1,152,150
WYNDD	300,946	23,696	324,642
	7,786,868	4,215,994	12,002,862

SPONSOR	TOTAL AWARDED AMOUNT
FEDERAL	
Department of Agriculture	156,709
Department of Commerce	372,049
Department of Defense	263,005
Department of Energy	832,000
Department of Health and Human Services	353,750
Department of the Interior	239,250
Environmental Protection Agency	48,856
National Aeronautics and Space Administration	875,000
National Science Foundation	4,000,000
Small Business Administration	646,249
Total Federal	7,786,868
NON-FEDERAL	
Industry	401,694
Other	4,000
Wyoming Governmental Entities	3,810,300



Total Non-Federal 4,215,994

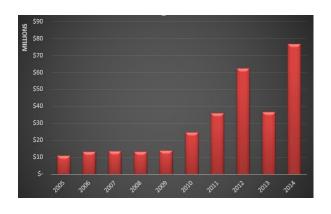
GRAND TOTAL 12,002,862

Note: INBRE, COBRE, EPSCoR are reported under Office of Research & Economic Development

#### **Student Affairs**

			TOTAL AWARDED
DEPARTMENT	<b>FEDERAL</b>	NON-FEDERAL	<b>AMOUNT</b>
Direct Student Loans	59,408,527	-	59,408,527
Student Educational Opportunity	1,028,766	-	1,028,766
Student Financial Aid	13,873,076	-	13,873,076
Student Financial Operations	242,909	-	242,909
Residence Life & Dining	202,472	232,760	435,232
VP Student Affairs	1,699,533	30,000	1,729,533
Wyoming Union		5,325	5,325
	76,455,283	268,085	76,723,368

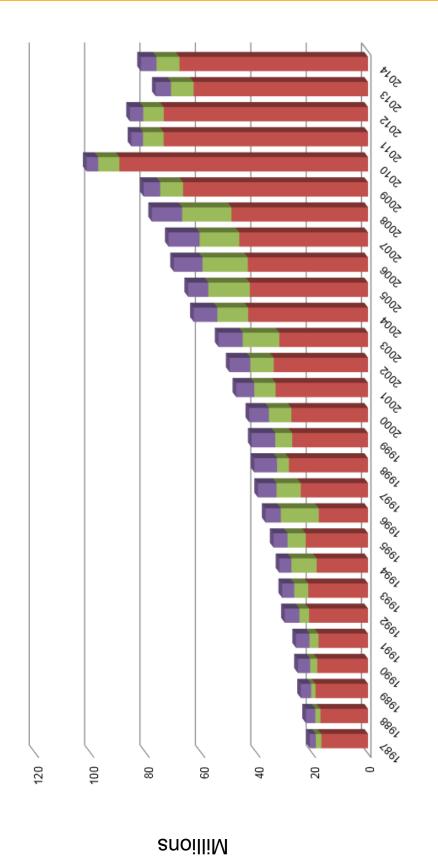
SPONSOR	TOTAL AWARDED AMOUNT
FEDERAL	
Cooperation for National and Community Service	128,547
Department of Agriculture	40,250
Department of Defense	242,909
Department of Education	16,601,375
Department of the Interior	33,675
Total Federal	17,046,756
NON-FEDERAL	
Industry	11,500
Other	26,400
Wyoming Governmental Entities	230,185
Total Non-Federal	268,085
TOTAL FEDERAL & NON-FEDERAL	17,314,841



DIRECT STUDENT LOANS	59,408,527
GRAND TOTAL	76,723,368

FY 1987 - 2014

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



Notes: Federal pass-thru is included in the Federal dollars for FY 2009 -FY2012. In prior years federal pass-thru was included where it was awarded and not from the source of funds

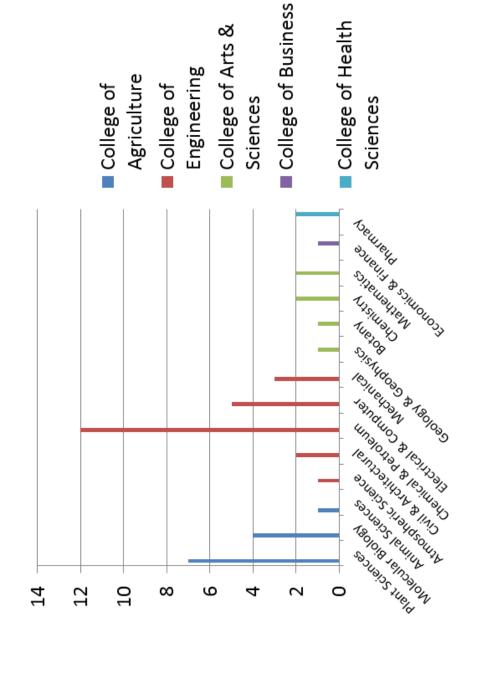
■Federal State Private

Does not include Direct Student Loans

ARRA is included in the federal portion for 2009-2013

# University of Wyoming Invention & Software Disclosures for Fiscal Year 2014\* all Colleges

\*(7/1/2013 to 6/30/2014)



#### **Business Resource Network**

Economic Development continues to be a major role for the University of Wyoming. Much of UW's work involves a unique relationship with the Wyoming Business Council (WBC) which produces important results for companies throughout the state. Called the **Business Resource Network** the University and the WBC, with federal partners, provide business assistance through several independent but coordinated organizations.

The **Wyoming Small Business Development Centers**, this time partnering with the U.S. Small Business Administration, provide a variety of services to small businesses of all types. **Manufacturing-Works**, a National Institute of Standards and Technology Manufacturing Extension Partnership entity provide a set of specific services to manufacturing businesses. **GRO-Biz**, a **Procurement and Technical Assistance Center** with federal funding provided by the Defense Logistics Agency provide training and assistance to Wyoming businesses desiring to provide goods and services to the federal, state and now local governments.

The **Wyoming Market Research Center** which has no federal partner is an organization employing a variety of databases to give small businesses clear market analysis as they contemplate growth and change. The **Wyoming SBIR/STTR Initiative** provides specific assistance to Wyoming innovation based companies to compete for federal SBIR and STTR funding and it runs the unique **Wyoming Phase 0** program which provides contracts to Wyoming businesses on a competitive basis to develop federal Phase 1 or Phase 2 proposals. Finally the **Research Products Center** handles intellectual property transactions (patenting, licensing and copyrighting) for the University of Wyoming specifically and teaches Wyoming inventors how to protect intellectual property and, conducts to patent searches for such inventors.

Together, these six organizations provide a host services for Wyoming small businesses that is unique in the United States. The Wyoming Business Council provides the state matching funds to these organizations and the University of Wyoming provides management. All share the common philosophy that no one succeeds until there is client success.

Finally the University of Wyoming operates the **Wyoming Technology Business Center** which is a technology-related business incubator in Laramie. This center provides specific client counseling to two distinct set of clients, those called "pre-venture" clients or those that are taking initial steps towards developing a business or have formed a nascent company. Currently about 30 such companies are receiving assistance. The other group are those companies occupying space within the WTBC and are receiving the in-depth counseling services of the WTBC professionals. Making the WTBC unique is a contract with the Wyoming Business Council to manage a Tier 2+ data center in the basement of the incubator building. This data center provides high speed connectivity for companies occupying space within the incubator or who are WTBC graduates.

The University of Wyoming understands the deep responsibility associated with providing assistance to Wyoming business and in helping to grow technology-based businesses to provide diversification. The following is a report of Economic Development activity for the past year.

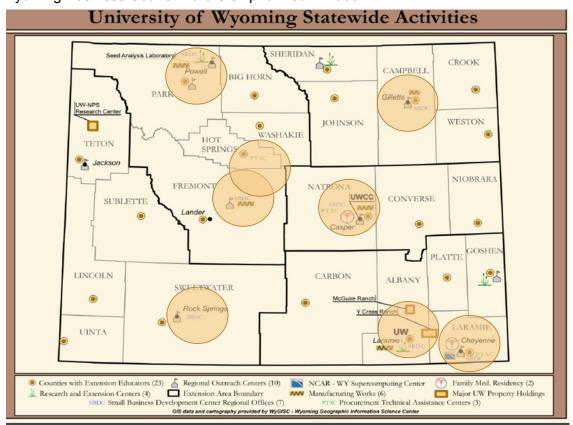
## Economic Development Snapshot

#### **Economic Development Outreach Programs**

#### Resources at your fingertips

- Small Business Development Centers 1994
- PTAC 2000
- Market Research Center 1999
- Manufacturing-Works 1995
- Wyoming SBIR/STTR 1995
- Research Products Center 1998
- Wyoming Technology Business Center 2006

UW-Wyoming Business Council Partnership formed in 1998



#### **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.

#### FY14:

\$ 13,793,290 capital impact 920 jobs created or retained 1,634 clients assisted Business Startups 80 61 training events – 1,331 attendees, 3,942 training hours

#### Twenty years of assisting clients: (1994-2014)

40,206 clients have been served \$200,793,290 capital impact 9,933 jobs created or retained

#### **Funding**

Funding
Federal (SBA) \$631,250
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.

#### FY14

265 active client base
 \$15,762,243 total dollar value of prime contract and subcontract awards received by all small business concerns
 315 jobs created or retained

#### Fifteen years assisting clients:

\$160,762,243 cumulative total of contract awards 10,156 cumulative total of attendees trained on procurement topics 3,214 jobs created or retained UW also provides matching

#### **Funding**

Federal (DLA) \$267,000 State (WBC) \$133,887 UW also provides matching

#### 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 are normally not accessible to Wyoming businesses.

#### FY 14

470 clients assisted 954 projects researched

#### 12 years of assisting clients

3,738 clients assisted 5,537 projects researched

#### **Funding**

State (WBC) \$280,976 UW also provides matching

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 14**

\$1,368,000 capital impact \$2,270,800 decreased costs \$485,000 increased sales 37 jobs created or retained 380 clients assisted

#### 19 years of assisting clients

\$112,506,106 capital impact \$223,293,020 increased sales \$163,582,460 in decreased costs 2,310 jobs created or retained

#### **Funding**

Federal (NIST) \$500,000 (starting with FY2015, base amount of funding was increased from \$372,049) State (WBC) \$608,853 UW also provides matching







### Wyoming SBIR/STTR Initiative



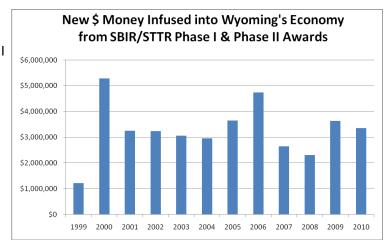
The Mission of the WSSI is to assist all qualified Wyoming small businesses and individuals in accessing the federal funding opportunities provided by the Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) Programs; ~\$2 billion annually.

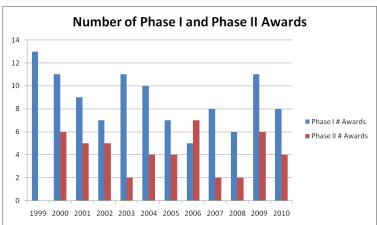
#### Federal FY 2014

Total Federal \$1,983,457
Total awards 5 Phase I and 2 Phase II
Awards

#### 15 years of assisting clients

Total Federal \$53,371,269 Total awards 212





#### Funding\*

State \$304,128

\*only the federal Phase I and Phase II awards per <a href="www.SBIR.gov">www.SBIR.gov</a>, <a href="http://www.nifa.usda.gov/funding/sbir/sbir.nih.gov/statistics/award-data">https://sbir.nih.gov/statistics/award-data</a> 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.

#### FY14

18 provisional patent applications

12 utility patent applications

14 patents issued

6 UW IP Agreements signed

2 UW patent licenses granted

70 Independent Wyoming Inventor IP projects and 46 UW IP Projects

#### 15 years of assisting clients

727 total UW patent applications filed or co-owned 152 UW patents issued over 1000 UW IP Agreements signed 60 patent options, licenses, assignments over 1000 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

State-of-the-art data center

#### FY 2014

16 WTBC Laramie incubator client companies

43 WTBC Laramie incubator client companies FTE employees

5 WTBC Laramie incubator graduates (total)

99 Laramie incubator graduate FTE employees

\$65,000 WTBC Laramie incubator graduates average salary (aggregate reporting)

8 WTBC Casper incubator client companies

25 WTBC Casper incubator client companies FTE employees

#### 2013 by the Numbers - as reported by clients

2 Incubator Locations

17 incubator clients

43 FTE employees

5 student interns

\$821,722 total client payroll

19 SBIR grants received since founding

61 patents filed since founding

5 incubator graduates

120 positions

21,500 sq. ft. office space filleted

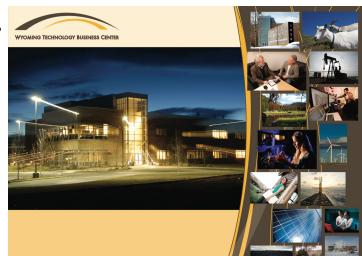
\$8M annual revenue

#### **Outreach:**

e2e events Laramie, Gillette, Sheridan and Casper

4,231 total attendees from 2009-2013

Notable speakers from: BD, Autodesk, American Express, Yahoo!, ambreenergy



Fiscal Year (FY) 2014 spans the period July 1, 2013 through June 30, 2014.

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 Affair's

#### 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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