

HIGHER EDUCATION RESEARCH COUNCIL - PERFORMANCE MEASURES

Goal 1: Increased research at, and collaboration among, Idaho universities and colleges to advance research strengths and opportunities pertaining to critical issues in Idaho, while also providing a vision for national and global impact.

Objective 1.A: Ensure growth and sustainability of public university research efforts.

Performance Measure	FY 2016	FY 2017	FY2018	FY2019	FY2020	FY2021	Benchmark
Statewide amount of total annual research and development expenditures as reported in the National Science Foundation (NSF) Higher Education Research and Development Survey	\$154,989,123	\$163,093,485	\$171,052,983	\$166,564,099	\$170,635,458	NA	10% annual increase

Objective 1.B: Ensure the growth and sustainability of the existing collaborative research at the Center for Advanced Energy Studies (CAES).

Statewide amount of U.S. Department of Energy (DOE) research and development expenditures as reported in the National Science Foundation (NSF) Higher Education Research and Development Survey.	\$8,561,218	\$9,489,612	\$11,022,015	\$11,724,216	\$13,187,742	NA	10% annual increase
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Objective 1.C: Expand joint research ventures among the state universities.

Number of new fully sponsored project proposals submitted by an Idaho University that involve a subaward with another Idaho institution of higher education (in either direction).	92	119	100	82	94	82	50% annual increase
Number of new fully sponsored project awards to an Idaho University that involve a subaward with another Idaho institution of higher education (in either direction).	58	70	76	69	50	34	30% annual increase
Establish/fund at least one HERC-directed research project per year which collaborates with one other Idaho university that directly addresses issues of particular importance to the State of Idaho.	NA	NA	NA	UI*/BSU/ISU - Dr. Karen Humes - Integrated Water, Energy and Waste Management			1 per year

Goal 2: Create research and development opportunities that strengthen the relationship between state universities and the private sector.

Objective 2.A: Increase the number of sponsored projects involving the private sector.

Performance Measure	FY 2016	FY 2017	FY2018	FY2019	FY2020	FY2021	Benchmark
Number of new sponsored projects involving the private sector.	165	163	172	202	206	193	50% annual increase

Goal 3: Contribute to the economic development of the State of Idaho.

Objective 3.A: Increase the amount of university-generated intellectual property introduced into the marketplace.

Performance Measure	FY 2016	FY 2017	FY2018	FY2019	FY2020	FY2021	Benchmark
Number of technology transfer agreements (as defined by AUTM [Association of University Technology Managers]).	44	33	29	29	28	37	15% annual increase
Number of invention disclosures (including biomic varieties)	40	38	45	46	58	49	1 for every \$2M of research expenditures
Amount of licensing revenues.	\$724,316	\$1,271,819	\$ 1,869,718	\$ 2,607,055	\$ 3,450,773	\$ 2,626,859	10% annual increase
Number of startup companies.	8	1	1	1	0	0	10% annual increase

Goal 4: Enhance learning and professional development through research and scholarly activity.

Objective 4.A: Increase the number of university and college students and staff involved in sponsored project activities.

Performance Measure	FY 2016	FY 2017	FY2018	FY2019	FY2020	FY2021	Benchmark	
Number of undergraduate students paid from sponsored projects.	1,683	1,811	2,100	1,926	1,993	2,050	20% annual increase	
Number of graduate students paid from sponsored projects.	636	716	656	592	536	530	20% annual increase	
Percentage of baccalaureate students who graduated in STEM disciplines and had a research experience.	UI: 60.4%, BSU: N/A, ISU: 13%	UI: 66.0%, BSU: N/A, ISU: 12.1%	UI: 62.7%, BSU: N/A, ISU: 19.6%	UI: 64.4%, BSU: N/A, ISU: 12.7%	UI: 58.1%, BSU: N/A, ISU: 19.1%	UI: 57.6%, BSU: N/A, ISU: 19.0%		20% annual increase
Number of faculty and staff paid from sponsored projects.	2,272	2,383	2,418	2,446	2,484	2,563	20% annual increase	
K-20 Statewide Strategic Plan Performance Measures								
Percentage of students participating in undergraduate research.	48%	51%	UI: 61%, BSU: 37%, ISU: 45%	UI: 58.4%, BSU: 43.0%, ISU: 37.7%	UI: 59.6%, BSU: 43.0%, ISU: 36.2%	UI: 55.5%, BSU: 34.0%, ISU: 37.0%		30%
Number of student internships	2,294	2,177	2,156	2,127	2,174	2,020		