

Performance Measure	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Benchmark
Statewide amount of total annual research and development expenditures as reported in the National Science Foundation (NSF) Higher Education Research and Development Survey	\$111,589,983 (figure subject to change based on NSF HERD requirements, HERD report is not available yet)	\$111,766,099 (figure subject to change based on NSF HERD requirements, HERD report is not available yet)	\$112,850,458	\$105,894,523	Note 1	Note 2	10% annual increase
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.	\$3,926,015	\$5,065,216	\$5,309,742	\$5,408,863	Note 1	Note 2	10% annual increase
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).	23	17	16	18	Note 1	Note 2	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).	14	9	11	6	Note 1	Note 2	30% annual increase
Number of new sponsored projects involving the private sector (See Note A below)	47 (a); 19 (b)	58 (a); 24 (b)	55 (a); 22(b)	54 (a); 22(b)	Note 1	Note 2	50% annual increase
Number of technology transfer agreements (as defined by AUTM [Association of University Technology Managers]).	5	4	6	15	Note 1	Note 2	15% annual increase
Number of invention disclosures (including plant varieties)	24	26	35	30	Note 1	Note 2	1 for every \$2M of research expenditures
Amount of licensing revenues.	\$1,844,878	\$2,549,919	\$3,434,777	\$2,621,175	Note 1	Note 2	10% annual increase
Number of startup companies.	0	0	0	0	Note 1	Note 2	10% annual increase
Number of undergraduate students paid from sponsored projects.	765	660	657	660	Note 1	Note 2	20% annual increase
Number of graduate students paid from sponsored projects.	500	467	418	390	Note 1	Note 2	20% annual increase
Number of baccalaureate students who graduated in STEM disciplines and had a research experience	360/574	386/599	387/666	339/589	Note 1	Note 2	
Percentage of baccalaureate students who graduated in STEM disciplines and had a research experience	62.71%	64.44%	58.11%	57.56%	Note 1	Note 2	20% annual increase
Number of faculty and staff paid from sponsored projects.	1,263	1,293	1,268	1,276	Note 1	Note 2	20% annual increase
K-20 Statewide Stratgic Plan Performance Measures					Note 1	Note 2	
Percentage of students participating in internships	5.99% (812 of 13,553)	5.62% (789 of 14,032)	6.17% (854 / 13,852)	5.54% (691/12,479)	Note 1	Note 2	30%

Number of students participating in undergraduate research	885/1449	894/1532	921 / 1546	814 / 1466	Note 1	Note 2	
Percentage of students participating in undergraduate	61.07%	58.35%	59.57%	55.53%	Note 1	Note 2	30%
Total amount of research expenditures	\$ 57,082,023	\$57,612,801	\$57,934,326	\$55,878,740	Note 1	Note 2	20% increase by 2021
Institution expenditures from competitive Federally funded grants	\$65,309,507	\$65,138,101	\$69,162,654	\$68,022,683	Note 1	Note 2	\$112M annually
Institution expenditures from competitive industry funded grants (See Note A below)	\$1,758,830 (a); \$3,466,925 (b)	\$1,742,295 (a); \$3,837,889 (b)	\$2,662,227 (a); \$3,948,627 (b)	\$2,004,386 (a); \$3,575,564 (b)	Note 1	Note 2	\$7.2M annually
Measure of production of intellectual property:					Note 1	Note 2	
Number of startups	0	0	0	0	Note 1	Note 2	10% annual increase
Number of patents	1	0	4	1	Note 1	Note 2	10% annual increase
Number of invention disclosures (including plant varieties)	24	26	35	30	Note 1	Note 2	10% annual increase

Performance Measure Explanatory Notes:

Note 1 - Figures are not available, will be finalized by the end of February 2023

Note 2 - FY23 figures will be presented using the Higher Education Research Strategic Plan 2023-2027 Benchmarks

Note A - Activity with private sector/industry - (a) is funding from private sector, and (b) is funding from private sector, federal flow through.

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).	Collaborative new full proposal submissions that include subawards to or awards from other Higher Education institution in Idaho (excludes private higher education institutions).	50% annual increase
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Degree designations by university that tie to CAES

ISU

Applied Nuclear Energy
Applied Physics
Chemistry
Civil Engineering
Engineering & Applied Science
Environmental Engineering
Environmental Science and Mgt
Environmental Science Mgt
Geographic Information Science
Geology
Geotechnology
Mathematics
Measure & Control Engineering
Mechanical Engineering
Nuclear Science & Engineering
Physics
Post-Bac - Geotechnology
Post-Bac Applied Nuc Energy
Post-Bac Nuclear Energy

BSU

Biology, MA (BIOLMST MA)
Biology, MS (BIOLMST MS)
Chemistry, MS (CHEM MS)
Geology, MS (GEOLOGY-MS)
Geophysics, MS (GEOPHYS-MS)
Geophysics, PhD (GEOPHY-PHD)
Geosciences, PhD (GEOSCI PHD)
Master of Earth Science (MESCI)
Mathematics, MS (MATH MS)
Raptor Biology, MS (RPBIOL MST)
Hydrologic Sciences, MS (HYDRSCI MS)
STEM Education, MS (STEM ED MS)
Civil Engineering, MEngr (CIVENGR ME)
Civil Engineering, MS (CIVENGR MS)
Computer Engineering, MS (CMPENGR MS)
Computer Science, MS (COMPSC MST)
Electrical Engineering, MEngr (ELCENGR ME)
Electrical Engineering, MS (ELCENGR MS)
Electrical&Computer Engr, PhD (ECENGR PHD)
Master's in Communication
Materials Sci & Engr, MEngr (MATSCI ME)
Materials Science & Engr, MS (MATSCI MST)

Materials Science & Engr, PhD (MATSCI PHD)
Mechanical Engineering, MEngr (MECENGR ME)
Mechanical Engineering, MS (MECENGR MS)
Env & Nat Res & Engr Poli, MPA (PUBADM ENV)
General, MPA (PUBADM MST)
Master of Community & Reg Plan (CRP MSTR)
State & Local Government, MPA (PUBADM GOV)

UI

Industrial Technology (BS)
Biological and Agricultural Engineering(MS, ME, PhD)
Soil and Land Resources
Chemical Engineering(M Engr, MS, PhD)
Civil Engineering (M Engr, MS, PhD)
Computer Engineering (M Engr, MS, PhD)
Computer Science (MS, PhD)
Electrical Engineering (M Engr, MS, PhD)
Engineering Mgt (M Engr)
Materials Science and Engineering (M Engr, MS, PhD)
Mechanical Engineering (M Engr, MS, PhD)
Technology Mgt (MS)
Political Science (MA, PhD)
Public Administration (MPA)
Psychology: Human Factors (MS)
Geology (MS, PhD)
Chemistry(MS, PhD)
Hydrology (MS)
Mathmetics (MS, PhD)
Physics (MS, PhD)
Statistical Science (MS)
Bioregional planning and Community Design(MS)
Environmental Science (MS, PhD)
PSM-Natural Resources & Environmental Science (PSM)
Water Resources (MS, PhD)