

**OREGON STATE UNIVERSITY
SINGLE AUDIT REPORT
YEAR ENDED JUNE 30, 2022**



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**OREGON STATE UNIVERSITY
SINGLE AUDIT REPORT
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**INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN
ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

Board of Trustees
Oregon State University
Corvallis, Oregon

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities and the aggregate discretely presented component units of Oregon State University (the University), a component unit of the State of Oregon, as of and for the year ended June 30, 2022 and the related notes to the financial statements, which collectively comprise the University's basic financial statements, and have issued our report thereon dated October 31, 2022. Our report includes a reference to other auditors who audited the financial statements of the Oregon State University Foundation, one of the discretely presented component units, as described in our report on the University's financial statements. This report does not include the results of the other auditors' testing of internal control over financial reporting or compliance and other matters that are reported on separately by those auditors. The financial statements of the Oregon State University Foundation were not audited in accordance with *Government Auditing Standards*.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the University's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, we do not express an opinion on the effectiveness of the University's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the University's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.


Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether the University's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of This Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the University's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the University's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



CliftonLarsonAllen LLP

Denver, Colorado
October 31, 2022



**INDEPENDENT AUDITORS' REPORT ON COMPLIANCE FOR EACH MAJOR
FEDERAL PROGRAM, REPORT ON INTERNAL CONTROL OVER COMPLIANCE, AND
REPORT ON THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
REQUIRED BY THE UNIFORM GUIDANCE**

Board of Trustees
Oregon State University
Corvallis, Oregon

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited Oregon State University's (the University) compliance with the types of compliance requirements identified as subject to audit in the OMB *Compliance Supplement* that could have a direct and material effect on each of the University's major federal programs for the year ended June 30, 2022. The University's major federal programs are identified in the summary of auditors' results section of the accompanying schedule of findings and questioned costs.

In our opinion, the University complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2022.

Basis for Opinion on Each Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditors' Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of the University and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of the University's compliance with the compliance requirements referred to above.

Responsibilities of Management for Compliance

Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance with the requirements of laws, statutes, regulations, rules and provisions of contracts or grant agreements applicable to the University's federal programs.

Auditors' Responsibilities for the Audit of Compliance

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the University's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the University's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance, we:

- exercise professional judgment and maintain professional skepticism throughout the audit.
- identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the University's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- obtain an understanding of the University's control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control over compliance. Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

Other Matters

The results of our auditing procedures disclosed an instance of noncompliance, which is required to be reported in accordance with the Uniform Guidance and which is described in the accompanying schedule of findings and questioned costs as item 2022-001. Our opinion on each major federal program is not modified with respect to this matter.

Government Auditing Standards requires the auditor to perform limited procedures on the University's response to the noncompliance finding identified in our compliance audit described in the accompanying schedule of findings and questioned costs. The University's response was not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

Report on Internal Control Over Compliance

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. *A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance. We consider the deficiency in internal control over compliance described in the accompany schedule of findings and questioned costs as item 2022-001 to be a significant deficiency.

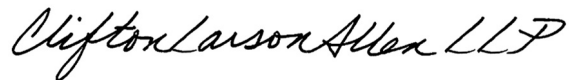
Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

Government Auditing Standards requires the auditor to perform limited procedures on the University's response to the internal control over compliance finding identified in our audit described in the accompanying schedule of findings and questioned costs. The University's response was not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

We have audited the financial statements of the business-type activities and the aggregate discretely presented component units of Oregon State University as of and for the year ended June 30, 2022, and the related notes to the financial statements, which collectively comprise Oregon State University's basic financial statements. We have issued our report thereon, dated October 31, 2022, which contained unmodified opinions on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the basic financial statements as a whole.



CliftonLarsonAllen LLP

Denver, Colorado
February 6, 2023

Oregon State University
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2022

Cluster	Federal Grantor	Program Title	Assistance Listing Number	Additional Award Identification	Pass-Through Entity	Pass-Through Identifying Number	Passed through to Subrecipients	Total Expenditures
Student Financial Aid	Department of Education	Federal Direct Student Loans	84.268				-	134,202,860
		Federal Pell Grant Program	84.063				-	29,868,170
		Federal Perkins Loan Program Federal Capital Contributions	84.038				-	14,106,737
		Federal Supplemental Educational Opportunity Grants	84.007				-	1,123,626
		Federal Work-Study Program	84.033				-	1,412,330
Total Student Financial Aid Cluster							-	180,713,723
Research and Development	Agency for International Development	Development of novel markers to contextualize X-ray fluorescence microscopy	98.U01		Oregon Health & Science University	1014217_OSU	-	39,128
	Department of Agriculture	1890 Institution Capacity Building Grants	10.216		Kentucky State University	2018-1959 PO P0031459	-	26,299
		1994 Institutions Research Program	10.227		Northwest Indian College	NWIC-28757-01	-	2,916
		A bottom-up, stakeholder-driven CMS for regional biomass carbon dynamics: Phase 2	10.U01				-	55,114
		A Decadal View of Willamette River Fish Communities	10.U02				-	70,896
		Advancing the characterization and management of community wildfire risk	10.U03				-	65,864
		Agricultural Research Basic and Applied Research	10.001		University of Nebraska	25-6235-0354-003	-	3,854
		Agricultural Research Basic and Applied Research	10.001		Washington State University	138615 G004292	-	5,504
		Agricultural Research Basic and Applied Research	10.001				588,147	9,263,394
		Agriculture and Food Research Initiative (AFRI)	10.310		Cornell University	140306-21332	-	323
		Agriculture and Food Research Initiative (AFRI)	10.310		Michigan State University	RC105883OR	-	-8
		Agriculture and Food Research Initiative (AFRI)	10.310		Montana State University	G301-21-W8997	-	97,922
		Agriculture and Food Research Initiative (AFRI)	10.310		University of California, Merced	22488OS	-	160,394
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Idaho	AN0746-SB-846463	-	-218
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Idaho	BJK080-SB-002 P0053120	-	7,926
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Idaho	AA5212-771876	-	1,618
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Virginia	GG12213 PO 2188867	-	-7
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Wisconsin - Madison	1727	-	58,354
		Agriculture and Food Research Initiative (AFRI)	10.310		Washington State University	139743-SPC003142	-	528,285
		Agriculture and Food Research Initiative (AFRI)	10.310				638,962	4,590,440
		Agriculture and Food Research Initiative (AFRI)	10.310		Mississippi State University	060500.361432.01	-	24,642
		Alfalfa and Forage Research Program	10.330		Colorado State University	G-91480-02	-	23,124
		Alfalfa and Forage Research Program	10.330		Washington State University	136670 SPC001707	-	31,707
		Almonds to improve gut health and decrease inflammation in Metabolic Syndrome	10.U04		Almond Board of California	ECP-BEAVER-NR-001	-	3,120
		AMPHIBIAN DISEASE ECOLOGY: CONTEXT MATTERS	10.U05				-	6,691
		Analyzing forest response to drought and restoration.	10.U06				-	4,512
		Animal Health and Disease Research	10.207				-	67,677
		ANNUAL VARIATION IN ABUNDANCE OF SMALL MAMMALS ON THE H. J. ANDREWS EXPERIMENTAL FOREST, OREGON	10.U07				-	8,404
		Application & expansion of FIA monitoring data to answer new questions	10.U08				-	28,735
		Aquatic Biodiversity in Forested Environments	10.U09				-	18,497
		Aquatic food base beta diversity in the Fossil-Verde ecosystem	10.U10				-	44,147
		Assessing forest ecosystem health with long-term plots and high resolution remote sensing	10.U11				-	122,888
		Assessing the potential for production practices to impact dry bulb onion safety	10.U12		Center for Produce Safety	2022CPS12	-	32,914
		Automatic acoustic classification of marbled murrelets and forest songbirds using deep learning	10.U13				-	28,047
		Biomass Research and Development Initiative Competitive Grants Program (BRDI)	10.312		The Ohio State University	GR112177	-	82,157
		Biotechnology Risk Assessment Research	10.219				-	335,702
		Bridging the Forest Restoration - Post-fire management Gap	10.U14				-	51,670
		Caspar Creek: Analysis of water partitioning between soil water, groundwater, streams, and trees	10.U15				-	32,642
		Cellulose Nano Materials in Low Carbon Binders - Phase I	10.U16				-	49,671
		Center for Expediting Specialty Crop Registrations	10.U17		U.S. Endowment for Forestry & Communities, Inc.	22-00314	-	197
		Center for Intensive Planted-Forest Silviculture (CIPS)	10.U18		Oregon Dept of Agriculture	ODA-4206-IG	-	112,234
		Center for Pesticide Registration Research	10.U19				-	104,064
		CFLRP Forest Vegetation and Fuels Monitoring	10.U20		Oregon Dept of Agriculture	ODA-4257-IG	-	168,050
		Climate change and silviculture: managing forests in the face of climate change	10.U21				-	14,805
		Climate Change Effects on Coastal Riverscapes in the Pacific Northwest	10.U22				-	20,870
		Climate Change Effects on Salmon and Communities in Coastal Riverscapes of the Pacific Northwest	10.U23				-	11,331
		Collaboration for improving sample identification and developing genomic resources for western redcedar (Thuja plicata).	10.U24				-	3,160
Collaborative Species and Change Modeling Investigation		10.U25				-	19,145	
Community Forestry, Forest Conservation, and Rural Community Development in the Western USA	10.U26				-	6,362		
Community Vulnerability and Wildfire Ignitions	10.U27				-	37,011		
Cooperative Extension Service	10.500				-	40,734		
Cooperative Forestry Assistance	10.664				-	15,483		

Cluster	Federal Grantor	Program Title	Number	Identification	Pass-Through Entity	Pass-Through Identifying Number	to Subrecipients	Expenditures
		Cooperative Forestry Research	10.202				-	296,778
		Coordination and Implementation by the Northwestern Bat Hub for Regional Bat Monitoring for FS R6	10.U28				-	37,070
		Crop Insurance	10.450				-	2,474,823
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Natural Resources	SA18-4060-27	-	22,942
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Natural Resources	SA18-4060-21	-	26,623
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Natural Resources	SA18-4060-32	-	4,999
		Crop Protection and Pest Management Competitive Grants Program	10.329		USDA - Ag Research Service	59-2092-1-003	-	6,275
		Crop Protection and Pest Management Competitive Grants Program	10.329				-	325,473
		Demography of Northern Spotted Owls in Oregon and Washington.	10.U29				-	727,782
		Density Management and Riparian Buffer Study (DMS): Aquatic Vertebrates and Habitats Component, Pulse at Ten Years after 2nd Thinning	10.U30				-	44,557
		Designing Cover Crop Systems for Eastern Oregon	10.U31				-	57,628
		Developing and assessing a stream flow monitoring program in a remote Alaskan watershed	10.U32				-	49,499
		Development of a best management practices guide for interstate shipments of queen cells	10.U33		Project Apis m.	Not Available	-	35,364
		Development of genetic tools to characterize three varieties of Leptographium wageneri (cause of black stain root disease) and assess their host ranges in western forests	10.U34				-	20,740
		Development of the Next Generation Dynamic Vegetation Model for the Pacific Northwest	10.U35				-	262,942
		Ecology and Management of Mammalian Prey in the Pacific Northwest	10.U36				-	-469
		Environmental Quality Incentives Program	10.912				1,183.00	319,891
		Environmental Quality Incentives Program	10.912		Sustainable Northwest	I-2020-OSUCIG-01	-	3,466
		Evaluating Biomass Equations for Pacific Northwest Tree Species	10.U37				-	510
		Evaluating ecological responses to stage-0 restoration using a before-after-control-impact study in the South Fork McKenzie River	10.U38				-	36,228
		Evaluating nutritional composition and bee attractiveness of predominant floral species in Project Apis m. seed mixes and understanding the transmission of Nosema ceranae and viruses between managed and native bee hosts foraging on these floral species	10.U39		Project Apis m.	Not Available	-	253
		Evaluating soil resilience on steep slopes after tethered logging	10.U40				-	9
		Evaluation of Maintenance of Post-Fire Forest Cover in National Forests	10.U41				-	52,623
		Evolution of rivers and landscapes in the Pacific Northwest: a critical zone perspective	10.U42				-	47,373
		Examining Experiences of Food Hardships and SNAP Enrollment among Young-Old and Older Americans: A Multi-Method Approach	10.U43		University of Kentucky Research Foundation	7800004891 / 3200002185-19-243	-	70,776
		Examining the Use of Cellulose Nano-materials in Slip Formed Concrete Applications	10.U44		U.S. Endowment for Forestry & Communities, Inc.	20-00080	590.00	135,902
		Examining the Utilization of Cellulose Nanocrystals to Reduce the Carbon Footprint of Concrete	10.U45		U.S. Endowment for Forestry & Communities, Inc.	E19-78	5,740.00	146,337
		Exotic species invasion dynamics in eastern Oregon and the Blue Mountain Ecoregion (BME)	10.U46				-	0
		Exploring remote sensing methods to quantify hydrography and stream characteristics in Western Oregon	10.U47				-	26,374
		Exploring water quality and quantity responses to variability in climate at the HJ Andrews Experimental Forest	10.U48				-	56,857
		Fifty years of data: Natural history comparisons in Northern Rubber boas (Charina bottae) with long-term recapture records.	10.U49				-	-1,219
		Fire Performance of Connections Made up of Custom CLT Layups Utilizing Pine from Logs Harvested in Western Forest Restoration Programs	10.U50				-	140,242
		Fitting Biomass Equations for Pacific Northwest Tree Species	10.U51				-	0
		Food Insecurity Nutrition Incentive Grants Program	10.331		Farmers Market Fund	2021-2149	-	82,982
		Food Insecurity Nutrition Incentive Grants Program	10.331		Farmers Market Fund	2022-3731	-	58,231
		Food web structure in freshwaters	10.U52				-	52,773
		Forest Health Protection	10.680				-	95,668
		Forest Soil Carbon Vulnerability in Pacific Northwest Forests	10.U53				-	854
		Forestry Research	10.652				-	14,950
		Forestry Research	10.652		USDA Forest Service	21-DG-11330180-035	-	18,650
		Geomorphic and Hydrologic Controls on Stream Networks in PNW Landscapes	10.U54				-	11,152
		Grants for Agricultural Research, Special Research Grants	10.200		Oregon Dept of Agriculture	ODA-4323-A	-	32,453
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S014	-	-3,994
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S023	-	10,024
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S032	-	-112
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S064	-	2,058
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S046	-	41,379
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S033	-	26
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S049	-	19,195
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S047	-	600
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A20-1347-S048	-	3,214
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A18-0916-S011	-	-104
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A21-3578-S015	-	2,722
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A21-3578-S008	-	14,823
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A21-3578-S027	-	3,804
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A21-3578-S004	-	28,726
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A21-3578-S017	-	9,998

Cluster	Federal Grantor	Program Title	Number	Identification	Pass-Through Entity	Pass-Through Identifying Number	to Subrecipients	Expenditures
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A21-3578-S018	-	11,985
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A21-3578-S006	-	9,008
		Grants for Agricultural Research, Special Research Grants	10.200		University of California, Davis	A22-1241-S001	-	2,010
		Grants for Agricultural Research, Special Research Grants	10.200		University of Idaho	AP4292-870301	-	-543
		Grants for Agricultural Research, Special Research Grants	10.200		University of Idaho	AP5081-870734	-	11,910
		Grants for Agricultural Research, Special Research Grants	10.200		University of Idaho	AP5923-870187	-	5,603
		Grants for Agricultural Research, Special Research Grants	10.200		University of Washington	UWSC11503 / BPO50236	-	-10,067
		Grants for Agricultural Research, Special Research Grants	10.200		University of Washington	UWSC11798 / BPO47457	-	22,446
		Grants for Agricultural Research, Special Research Grants	10.200		University of Washington	UWSC12914 BPO57780	-	5,700
		Grants for Agricultural Research, Special Research Grants	10.200		University of Washington	UWSC12755 / BPO56214	-	37,884
		Grants for Agricultural Research, Special Research Grants	10.200		Washington State University	105577 G004147	-	114,004
		Grants for Agricultural Research, Special Research Grants	10.200		Washington State University	105577 SPC003883	-	241,023
		Grants for Agricultural Research, Special Research Grants	10.200				-	2,866
		Higher Education - Institution Challenge Grants Program	10.217				-	25,100
		Higher Education - Multicultural Scholars Grant Program	10.220				-	30,045
		Higher Education Graduate Fellowships Grant Program	10.210				-	157,481
		Historical Role of Fire in Westside Forests of the Pacific Northwest	10.U55				-	152,065
		Homeland Security Agricultural	10.304		University of California, Davis	201603794-03 / A17-0222-S011	-	4,524
		Identification and characterization of forest root disease pathogens in western USA using DNA-based tools	10.U56				-	9,553
		Identifying aquatic species using environmental-DNA tools	10.U57				-	84,877
		Implementation and effects monitoring of vegetation restoration treatments on Peck's mariposa lily	10.U58				-	22,101
		Implementing Sustainable Meadow Creek Cattle Grazing Practices through Active Herd Management	10.U59		USDA Forest Service	21-JV-11261962-022	-	17,577
		Innovations in mapping forest attribute change for stands, landscapes, and regions	10.U60				-	103,312
		Integrated Programs	10.303		Washington State University	136643 G004163	-	1,484
		Integrated Programs	10.303				52,755	198,967
		Integration of monitoring, modeling, and management for marbled murrelets to inform landscape scale assessments under the Northwest Forest Plan	10.U61				-	2,429
		International Forestry Programs	10.684				-	71,764
		Invasive species and fire and fuel dynamics in eastern Oregon and the Blue Mountain Ecoregion	10.U62				-	98,236
		Investigating food web responses to stage-0 restoration in the South Fork McKenzie River	10.U63				-	22,139
		Investigating the effects of mixed-severity wildfires on fisher population dynamics in northern California and southern Oregon	10.U64				8,430	129,350
		Investigating the taxonomy of the Cottus gulosus - Cottus perplexus complex in the Pacific Northwest	10.U65				-	5,790
		Life History Resilience in Coastal Salmonids	10.U66				-	1,353
		Lober and East Hills Private Land Forest Inventory	10.U67				-	-1,883
		Meadow Creek Pollinator Study - Bee-flower Relationships and Use of Restoration Plantings in a Restored Riparian System	10.U68				-	8,224
		Meadow Creek Vegetation Responses to Cattle, Deer, and Elk Herbivory for Recovery of Threatened Salmonids and Associated Metrics of Stream and Riparian Health	10.U69				-	47
		Meadow Creek Vegetation Responses to Ungulate Herbivory for Recovery of Threatened Salmonids and Stream and Riparian Restoration	10.U70				-	44,226
		Modeling Species Composition with Remote Sensing	10.U71				-	1,152
		Monitoring the long-term impacts of laminated root rot on Douglas-fir forests in western OR and WA	10.U72				-	4,668
		Multidecadal Forest Vegetation and Change Assessment Over Regional Landscapes	10.U73				-	0
		National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328				7,938	103,404
		NORTH AMERICAN BAT MONITORING PROGRAM (NABat) USFS R6 COORDINATION AND SUPPORT	10.U74				-	22,316
		Northwest Tree Improvement Cooperative	10.U75				-	79,863
		Occupancy status of Northern Spotted Owls in the Fremont-Winema national Forest.	10.U76				-	20,045
		Operational Feasibility Analysis for Cable-Assisted Logging Systems: Equipment Stability and Soil Disturbance	10.U77				-	47,601
		Organic Agriculture Research and Extension Initiative	10.307		Cornell University	90033-20653	-	28,970
		Organic Agriculture Research and Extension Initiative	10.307		Purdue University	F0004577402021	-	61,756
		Organic Agriculture Research and Extension Initiative	10.307		University of Georgia	SUB0001847	-	-32,969
		Organic Agriculture Research and Extension Initiative	10.307				786,179	1,470,638
		Overcome critical food safety challenges of blueberry harvesting	10.U78		University of Georgia	SUB00002514	-	22,753
		Payments to Agricultural Experiment Stations Under the Hatch Act	10.203				-	3,897,931
		Phytophthora Diagnostics	10.U79				-	312,103
		Pilot Sampling for Vegetation and Ungulate Nutrition Monitoring at Starkey Experimental Forest and Range	10.U80				-	2,555
		Plant and Animal Disease, Pest Control, and Animal Care	10.025				11,000	417,108
		Plant and Animal Disease, Pest Control, and Animal Care	10.025		Virginia Tech	423540-19201	-	6,379
		Plant Materials for Conservation	10.905				-	53,740
		Potatoes USA Trials	10.U81		Potatoes USA	21-79	-	13,189
		Potatoes USA Trials	10.U82		Potatoes USA	22-79	-	37,864

Cluster	Federal Grantor	Program Title	Number	Identification	Pass-Through Entity	Pass-Through Identifying Number	to Subrecipients	Expenditures
		Predator-prey ecology and management in the Pacific Northwest	10.U83				-	3,541
		Processing and Analysis of Bioacoustics Data	10.U84				-	102,023
		R1 Idaho NABat with NW Bat Hub - North American Bat Monitoring	10.U85				-	12,562
		R4 Idaho NABat with NW Bat Hub - North American Bat Monitoring	10.U86				-	14,913
		Regional- to National-Scale Landscape Modeling of Water Quality	10.U87				-	77,164
		Remote Sensing for Forest Biodiversity	10.U88				-	130,473
		Research Joint Venture and Cost Reimbursable Agreements	10.U89				-	4,994
		Research Natural Area Establishment, Management, Data and Portal	10.U89				-	3,330
		Response of Forest Aquatic Ecosystems to Riparian Canopy Modifications	10.U90				-	7,661
		RPA Land-Use Modeling	10.U91				-	30,474
		SageSTEP Travel/Administrative funds	10.U92				-	9,467
		Scenario planning development and case studies in the western US.	10.U93				-	174,060
		Small Business Innovation Research	10.U94		E-Lambda LLC	2020-33610-31688	-	31,135
		Small Business Innovation Research	10.U94		Berkeley Fermentation Science Inc.	2021-33530-34357	-	33,000
		Socio-economic Incentives and Drivers of Carbon Management by Private Forest Owners	10.U94				-	13,116
		Soil and Water Conservation	10.U92				-	239,038
		Soil and Water Conservation	10.U92		Auburn University	22-CSES-203907-OSU	-	35,529
		Soil carbon stabilization through physical, chemical, and biological weathering along the Pacific Coastal Margin	10.U95				-	22,196
		Southern Blues CFLRP Forest Vegetation and Fuels Multi-Party Monitoring Program - Modification #4	10.U96				-	347
		Spatial copula modeling of forest inventory variables	10.U97				-	-1
		Spatial Ecology and Survival of Small Carnivores in the HJ Andrews Experimental Forest, Oregon	10.U98				-	31,984
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	5011	-	8
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	5012	-	-53
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA-18-009-GR	4,012	38,888
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA-18-010-GR	-	28,044
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA-18-011-GR	3,329	14,257
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA-19008-GR	-	12,003
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA-19009-GR	-	65,703
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA-19010-GR	-	75,145
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA6028GR	-	37,318
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA6024GR	-	37,740
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA6025GR	-	49,491
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA6027GR	-	72,282
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA6026GR	-	79,517
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA21010GR PCA#20615	-	28,636
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA21012GR PCA#20617	-	17,874
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA21009GR PCA#20614	-	638
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA21011GR PCA#20616	-	72,128
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA21013GR PCA#20618	-	44,519
		Specialty Crop Block Grant Program - Farm Bill	10.170		Oregon Dept of Agriculture	ODA21008GR PCA#20613	-	52,429
		Specialty Crop Block Grant Program - Farm Bill	10.170		University of California Riverside	S-001084	-	84,015
		Specialty Crop Block Grant Program - Farm Bill	10.170		University of California, Davis	A21-0144-S003	-	35,249
		Specialty Crop Block Grant Program - Farm Bill	10.170		University of Idaho	AN4190-846301	-	1,982
		Specialty Crop Block Grant Program - Farm Bill	10.170		USDA - Ag Research Service	58-2038-1-009	-	81,429
		Specialty Crop Block Grant Program - Farm Bill	10.170		Washington State Dept Agriculture	K2868	-	92,406
		Specialty Crop Block Grant Program - Farm Bill	10.170		Washington State Dept Agriculture	K3145	-	48,071
		Specialty Crop Research Initiative	10.309		Colorado State University	G-01363-06	-	4,977
		Specialty Crop Research Initiative	10.309		Cornell University	79598-10785	-	-197
		Specialty Crop Research Initiative	10.309		Michigan State University	RC111414C	-	100,139
		Specialty Crop Research Initiative	10.309		Michigan State University	RC111480OSU	-	28,673
		Specialty Crop Research Initiative	10.309		North Carolina State University	2017-0398-16	-	13,321
		Specialty Crop Research Initiative	10.309		Texas A & M University	M1900059	-	9,877
		Specialty Crop Research Initiative	10.309		Texas A & M University	M2002889	-	19,543
		Specialty Crop Research Initiative	10.309		University of California, Davis	A20-1531-S001	-	204,401
		Specialty Crop Research Initiative	10.309		University of Georgia	SUB00002403	-	1,180
		Specialty Crop Research Initiative	10.309		University of Idaho	AN4829-846778	-	63,492
		Specialty Crop Research Initiative	10.309		University of Minnesota	H006335005	-	4,986
		Specialty Crop Research Initiative	10.309		University of Minnesota	H007082505	-	200,551
		Specialty Crop Research Initiative	10.309		University of Minnesota - Twin Cities	A009428503	-	17,053
		Specialty Crop Research Initiative	10.309		University of Wisconsin - Madison	362	-	15,064
		Specialty Crop Research Initiative	10.309		Washington State University	133321-G004115	-	57,151
		Specialty Crop Research Initiative	10.309		Washington State University	123501-SPC001616	-	309,900
		Specialty Crop Research Initiative	10.309		Washington State University	137743 SPC002976	-	102,081
		Specialty Crop Research Initiative	10.309		Washington State University	140349 SPC003368	-	90,692
		Specialty Crop Research Initiative	10.309				912,833	1,573,408
		Specialty Crop Research Initiative	10.309		Tennessee State University	332.77-2.2184	-	356,510
		Stockpiling pasture legumes and forbs for honey bees and self-regeneration of pastures	10.U99		Project Apis m.	Not Available	-	23,984
		Sun Grant Program	10.320		South Dakota State University	3TB386	11,957	128,254
		Sun Grant Program	10.320		South Dakota State University	3TB372	19,406	36,080

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		Support for the H.J. Andrews Experimental Forest Field Station	10.U01				-	158,890
		Sustainable Agriculture Research and Education	10.215		Montana State University	G145-20-W7503	-	6,334
		Sustainable Agriculture Research and Education	10.215		Montana State University	G159-20-W7503	-	-114
		Sustainable Agriculture Research and Education	10.215		Montana State University	G245-19-W7502	-	8,015
		Sustainable Agriculture Research and Education	10.215		Montana State University	G258-19-W7500	-	112,832
		Sustainable Agriculture Research and Education	10.215		Montana State University	G121-21-W7901	-	-3,756
		Sustainable Agriculture Research and Education	10.215		Montana State University	G253-21-W7906	-	867
		Sustainable Agriculture Research and Education	10.215		Montana State University	G315-21-W8614	-	63,082
		Sustainable Agriculture Research and Education	10.215		Montana State University	G341-21-W8614	-	17,582
		Sustainable Agriculture Research and Education	10.215		Montana State University	G323-21-W8614	-	19,923
		Sustainable Agriculture Research and Education	10.215		Montana State University	G235-22-W8615	-	15,479
		Sustainable Agriculture Research and Education	10.215		Montana State University	G225-22-W8615	-	4,914
		Sustainable Agriculture Research and Education	10.215		USDA - Ag Research Service	59-2092-1-001	-	34,185
		Sustainable Agriculture Research and Education	10.215		Utah State University	201207-543	-	-44
		Sustainable Agriculture Research and Education	10.215		Utah State University	201207-549	-	3,457
		Sustainable Agriculture Research and Education	10.215		Utah State University	150893-00001-168	-	27
		Sustainable Agriculture Research and Education	10.215				-	-168
		Sustainable Agriculture Research and Education	10.215		Shine Brothers Ranches, LLC	2021-1329	-	10,228
		Technical Assistance for Specialty Crops Program	10.604		Oregon Hazelnuts	2022-542	-	69,243
		Technical Assistance for Specialty Crops Program	10.604		Oregon Hazelnuts	2022-541	-	12,555
		Tracking aquatic species in streams using environmental-DNA	10.U02				-	-1
		Tracking fish at their upper extent	10.U03				-	573
		Two "new" needle diseases of conifers in the Pacific Northwest Region caused by Phytophthora (red needle cast) and Rhizoctonia (web blight)	10.U04				-	-103
		Understanding more about the taxonomy of non-game freshwater fishes in the Pacific Northwest	10.U05				-	197
		Understanding the potential of ectomycorrhizal fungi for mycoremediation of treated wood wastes	10.U06				-	60,610
		Using environmental-DNA tools to identify aquatic biodiversity	10.U07				-	72,159
		Using Lidar to quantify snag densities and structure in a recently burned forest	10.U08				-	21,982
		Using Next Generation Fuels Data and Outcome-based Metrics in Fire Risk Assessments for High Value Resources in Sagebrush Ecosystems	10.U09				-	34,446
		VAR-FED Hardwoods Silviculture Res	10.U10				-	-91
		VAR-FED Swiss Needle Cast Cooperatv	10.U11				-	24,001
		VAR-FED Tree Improvement Research	10.U12				-	16,837
		Vegetation Analysis Accounts for Forest Plan Revision	10.U13				43,710	205,238
		Vegetation mapping and analysis to support all-lands forest management and shared stewardship in Region 3.	10.U14				-	54,189
		Vegetation mapping and analysis to support all-lands forest management and shared stewardship in Region 4.	10.U15				17,406	50,575
		Verde River Flows and Aquatic Invertebrates	10.U16				-	17,831
		Watersheds Research Coop - Federal Cooperators	10.U17				-	10,734
		Wildfire Risk Analytics into Land and Fire Management to Meet Resource Objectives	10.U18				-	176,788
		Wildlife Services	10.U19				-	120,000
		Willamette National Forest Lidar-assisted inventory	10.U19				-	2,510
		Women and Minorities in Science, Technology, Engineering, and Mathematics Fields	10.318				-	28,618
		Wood Utilization Assistance	10.674		Oregon Forest Resources Institute	20-1006	-	90,167
		Wood Utilization Assistance	10.674		U.S. Endowment for Forestry & Communities, Inc.	20-00105	-	34,989
		Wood Utilization Assistance	10.674				-	140,739
		Wood Utilization Assistance	10.674		Cold Climate Housing Research Center, Inc.	2021-11	-	2,380
		Working Group for Advancement of Cellulose Nano-materials Use in Cement Based Materials	10.U20		U.S. Endowment for Forestry & Communities, Inc.	E18-12	47,490	47,628
		Yosemite Wilderness Project	10.U21		Applied Trails Research LLC	2019_YOSE_OSU_001	-	17,445
	Department of Agriculture Total						3,161,067	37,803,456
	Department of Commerce	Arrangements for Interdisciplinary Research Infrastructure	11.619		Colorado State University	G-00745-8	-	-1,274
		Arrangements for Interdisciplinary Research Infrastructure	11.619		Digital Manufacturing and Design Innovation Institute LLC	70NANB22H011	-	6,905
		Bipartisan Budget Act of 2018	11.022		University Corporation for Atmospheric Research	SUBAWD002380	-	50,907
		Center for Sponsored Coastal Ocean Research_Coastal Ocean Program	11.478		George Mason University	E2039521	-	1,684
		Center for Sponsored Coastal Ocean Research_Coastal Ocean Program	11.478		University of Maryland Center for Environmental Science	SA075258490 P073557	-	54,141
		Center for Sponsored Coastal Ocean Research_Coastal Ocean Program	11.478				175,991	1,139,324
		Climate and Atmospheric Research	11.431		Woods Hole Oceanographic Institution	A101397	-	14,365
		Climate and Atmospheric Research	11.431				194,807	599,042
		Coral Reef Conservation Program	11.482		National Fish and Wildlife Foundation	0810.20.068370	-	62,098
		Eelgrass Monitoring OSU Graduate Student	11.U01		Oregon Division of State Lands	20-520	-	5,281
		Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program	11.427				12,969	68,576
		Identifying co-occurrence between whales and fixed gear fishing effort off Oregon to reduce entanglement risk	11.U02		Oregon Dept of Fish & Wildlife	174-19	-	129,967
		Integrated Ocean Observing System (IOOS)	11.012		Monterey Bay Aquarium Research Institute	1611121 - Y5 2020-2021	-	-8,692
		Integrated Ocean Observing System (IOOS)	11.012		Monterey Bay Aquarium Research Institute	PO2111133	-	57,579

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		Integrated Ocean Observing System (IOOS)	11.012		University of South Florida	2500-1773-00-A / P000001724	-	38,947
		Integrated Ocean Observing System (IOOS)	11.012		University of Washington	UWSC9206 / BPO 16539	-	429,566
		Integrated Ocean Observing System (IOOS)	11.012		University of Washington	UWSC12122 / BPO51088	-	7,597
		Integrated Ocean Observing System (IOOS)	11.012		University of Washington	UWSC1339/BPO 61268	-	713,993
		Integrated Ocean Observing System (IOOS)	11.012				-	167,106
		Integrated Ocean Observing System (IOOS)	11.012		Alaska Ocean Observing System	H2403-01	-	19,982
		Integrated Ocean Observing System (IOOS)	11.012		Alaska Ocean Observing System	H3021	-	24,415
		Integrated Ocean Observing System (IOOS)	11.012		Alaska Ocean Observing System	H2400-58	-	54,253
		Living Marine Resources Cooperative Science Center	11.U03		University of Maryland Eastern Shore	NA16SEC4810007 / Year 5	-	194,065
		Living Marine Resources Cooperative Science Center at OSU	11.U04		University of Maryland Eastern Shore	NA16SEC4810007 / Year 1	-	2,019
		Living Marine Resources Cooperative Science Center at OSU	11.U05		University of Maryland Eastern Shore	NA16SEC4810007 / Year 2	-	4,342
		Living Marine Resources Cooperative Science Center at OSU	11.U06		University of Maryland Eastern Shore	NA16SEC4810007 / Year 4	-	133,362
		Living Marine Resources Cooperative Science Center at OSU	11.U07		University of Maryland Eastern Shore	NA16SEC4810007-Year 3 / PO7449	-	13,772
		Marine Mammal Data Program	11.439				-	104,868
		Measurement and Engineering Research and Standards	11.609		Colorado State University	G-99042-05	-	160,672
		Measurement and Engineering Research and Standards	11.609		University of Alabama, Huntsville	2017-081	-	51,132
		Measurement and Engineering Research and Standards	11.609				-	57,770
		National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432		University of Maryland	83069-Z7554207	-	61,577
		National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432		University of New Hampshire	L0125	-	153,077
		National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432		University of Washington	UWSC12792/BPO 54900	-	16,361
		National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432		University of Washington	UWSC12920/BPO57794	-	61,477
		National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432		University of Washington	UWSC13284/BPO 60826	-	46,164
		National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes	11.432				-	2,819,768
		Natural Resource Policy Fellowship Federal/Tribal Consistency Fellow	11.U08		Oregon Dept of Land Conservation & Development	21004	-	5,000
		Ocean Acidification Program (OAP)	11.017				28	130,572
		Ocean Acidification Program (OAP)	11.017		Virginia Institute of Marine Science	723087-712683	-	127,978
		Ocean Exploration	11.011				-	131,718
		Pacific Fisheries Data Program	11.437		Pacific States Marine Fisheries Commission	22-048G	-	36,391
		Pacific Northwest Blue Carbon Working Group Phase 2: Land use and environmental effects on greenhouse gas emissions and carbon sequestration, informing blue carbon project feasibility assessments for tidal wetland management	11.U09		Institute for Applied Ecology	SUBK00014242	-	24,641
		Sea Grant Support	11.417				207,245	3,515,810
		Unallied Industry Projects	11.452				-	57,667
		Unallied Science Program	11.472		North Pacific Research Board	1801	-	14,041
		Unallied Science Program	11.472		North Pacific Research Board	1903A / 1903B	-	171,786
		Unallied Science Program	11.472		North Pacific Research Board	1906A/1906B/1906OSRI	-	120,142
		Unallied Science Program	11.472		North Pacific Research Board	1909A / 1909B	-	138,174
		Unallied Science Program	11.472		North Pacific Research Board	A93-01c	-	29,657
		Unallied Science Program	11.472		North Pacific Research Board	1911A / 1911B	-	75,600
		Unallied Science Program	11.472		Pacific States Marine Fisheries Commission	20-40G	42,743	166,287
		Unallied Science Program	11.472				-	-1
		Unallied Science Program	11.472		Alaska Sealife Center	L36-02B	-	4,021
		Department of Commerce Total					633,783	12,265,672
	Department of Defense	2020 Master Time Charter Agreement - Oceanus Ship Time	12.U01		NewFields Government Services LLC	2021-1376	-	51,541
		3D Visualization and Interface Research Project	12.U02		Booz Allen Hamilton	A8320/FA8075-18-D-0004	-	121,828
		A Mechanistic Understanding of PFASs in Source Zones: Characterization and Control	12.U03				309,786.00	356,377
		A new concept of "release-capture-destruction" to enable remediation of PFAS in source zone soils	12.U04		Texas A & M University	M2201354-28-520780-00002	-	50,493
		Acquisition of State-of-the-Art UPLC-MS/MS	12.U05				-	515,941
		Additive Manufacturing of Inorganic Transparent Materials for Advanced Optics	12.U06		Voxtel, Inc	20-1284	-	476
		Adult Salmonids Trap and Transport Success Above Dams	12.U07				49,594	108,539
		Air Force Defense Research Sciences Program	12.800		Southern University and A&M College	OSP-02-8300-2018-0011	-	1,774
		Air Force Defense Research Sciences Program	12.800		University of Texas at Austin	UTA16-001294	-	188,621
		Air Force Defense Research Sciences Program	12.800				-	71,841
		ARCHAEOLOGICAL RESEARCH PORTLAND DISTRICT, WILLAMETTE VALLEY PROJECT, OREGON	12.U08		Desert Research Institute	GR11859	-	39,901
		Argus Beach Monitoring System Report, City of San Clemente CA	12.U09				-	7,965
		Assessing and Mitigating Bias in PFAS Levels during Ground and Surface Water Sampling	12.U10				131,535	279,045
		Atmospheric Disturbance Classification and Estimation Using Novel Sensors and Sensor Data Fusion	12.U11		The Boeing Company	PCN 2073912	-	87,716
		Autonomous Underwater Vehicle Passive Acoustic Monitoring of Beaked Whales in the Southern California Area	12.U12		HDR One Company	1000300001180-CONFORMED	-	967
		Basic and Applied Scientific Research	12.300		Portland State University	208CAR094 (task 2.3)	-	-183
		Basic and Applied Scientific Research	12.300		University of California / San Diego	KR 704622	-	124,330
		Basic and Applied Scientific Research	12.300		University of North Carolina, Chapel Hill	Sub 5120730/N00014-21-1-2184	-	10,000
		Basic and Applied Scientific Research	12.300		University of Notre Dame	204082OSU	-	30,966
		Basic and Applied Scientific Research	12.300		University of St. Andrews	SMC7-XOB054	-	36,651
		Basic and Applied Scientific Research	12.300				1,420,857	7,933,778
		Basic Scientific Research	12.431		University of Minnesota - Twin Cities	A006982301	-	18,112
		Basic Scientific Research	12.431		University of Virginia	GG12239.PO#2210408	-	73,921
		Basic Scientific Research	12.431				-	66,886

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		Basic Scientific Research	12.431		Army	W911NF2110227	-	66,530
		Basic, Applied, and Advanced Research in Science and Engineering	12.630				-	112,637
		Basic, Applied, and Advanced Research in Science and Engineering	12.630		Army Corps of Engineers	W912HZ2120045	-	873,130
		Collaborative Research and Development	12.114		Towson University	48-Project#5040403-PO#10768	-	40,738
		Collaborative Research and Development	12.114		Towson University	41, Proj#5040389 PO#TOW0000189	-	143,889
		Command and Control of Aggregate Swarm Tactics (CCAST)	12.U13		Raytheon SAS	LBN9513582/4202048554	-	181,508
		Competency-Aware Machine Learning (CAML) LucidState	12.U14		BBN Technologies	4202133492	-	-2,867
		Competency-Aware Reinforcement Learning through Introspection (CARLI)	12.U15		SRI International	41729	-	270,583
		Comprehensive Forensic Approach for Source Allocation of Poly- and Perfluoroalkyl Substances	12.U16		Colorado School of Mines	401867-5802	-	95,800
		Data-driven uncertainty reduction during nearshore events	12.U17				-	27,473
		Design, Fabrication, Testing, Ducted Inlet for a Small Gas Turbine Engine	12.U18		Arctos Technology Solutions, LLC	FA8650-21-D-2014/FA8650-21-F-2	-	18,937
		Detection and identification of environmental DNA from beaked whales on the Navy Atlantic Undersea Test and Evaluation Center (AUTEC) range using droplet digital PRC	12.U19				-	1,427
		Developing a universal beaked whale genotyping panel for assessing population level impacts of anthropogenic activities	12.U20		University of Auckland	3720925-S005	-	4,131
		Development of Genomics and Behavioral Assays for Understanding Neurotoxicity of Chemicals and Effects on Performance	12.U21				-	28,474
		Development of Slow Release Compounds for the Aerobic Cometabolic Treatment of Complex Mixtures of COC Released from Low Permeability Zones	12.U22				-	2,284
		Development, Evaluation, and Technology Transfer of BMPs for Optimizing Removal of PAHs, PCBs, PFASs, and Metals from Stormwater at DoD Sites	12.U23				-	206,220
		DLA 2017 phase 2 scaling	12.U24		OnTo Technology LLC	2019	-	2,102
		Evaluation of a Naval Shipyard Cleanup Project	12.U25		CH2M Hill, Inc	10006-7-107098	-	17,228
		Evaluation of a Novel Multiple Primary Substrate (MPS) Cometabolic Biosparging Technology for In Situ Bioremediation of 1,4-Dioxane and Chlorinated Solvents in Groundwater	12.U26		APTIM Federal Services, LLC	204711	-	9,968
		Examining the influence of salient visual cues on collective behavior in human crowds	12.U27				-	6,742
		FY 2009 Tactical Energy Systems Development	12.U28				-	-441
		Guaranteeing AI Robustness against Deception (GARD)	12.U29		SRI International	P044618	-	96,611
		Humpback Whale Tagging In Support Of Marine Mammal Monitoring Across Multiple Navy Training Areas In Pacific Ocean	12.U30				-	82,658
		Ignition, Propagation, and Emissions of Smoldering Combustion: Experimental Analysis and Physics Based Modeling	12.U31				-	36,962
		Incorporating Photoperiodism in Inspect Phenology Models with Application for Biological Control of Weeds on Department of Defense Lands	12.U32				39,545	78,672
		Insights into the Long-Term Mass Discharge & Transformation of AFFF in the Unsaturated Zone	12.U33		CDM Federal Programs Corporation	6500-001-004-CS	-	59,226
		Leveraging Symbolic Representations for Safe & Assured Learning (Assure)	12.U34		Galois Inc.	2019-011	-	80,756
		Live Fuels: Identification of Key Processes Controlling Ignition and Fuel Consumption	12.U35				-	248,573
		Mathematical Sciences Grants Program	12.901				-	84,000
		Military Medical Research and Development	12.420				-	112,800
		Military Medical Research and Development	12.420		Sanford Burnham Prebys Medical Discovery Institute	69867-13288-OSU	-	11,793
		Munition Mobility in Mixed Grain (Sand, Gravel, Cobble) Environments	12.U36				-	143,103
		N-1290-19; In-situ Biodegradation of 1,4-Dioxane and Chlorinated Solvent Mixtures in Dilute Plumes	12.U37				-	67,677
		NAVFAC Inspection	12.U38		University of Washington	UWSC10469 / BPO31365	-	72,433
		NAVFAC Marine Energy FY21 and FY22	12.U39		University of Washington	UWSC13231/BPO 60467	-	225,142
		NEARSHORE MONITORING DATA COLLECTION WITH ARGUS BEACH MONITORING SYSTEM	12.U40				-	71,192
		Oregon Coastal Dune Management - Physical Mechanics and Community Perception	12.U41				-	60
		PacWave North: Microgrid Demonstrations in a Fully Energetic Open-Coastal Setting	12.U42		University of Washington	UWSC11130/BPO 39672	-	278,758
		PFAS Compounds in Packing Materials used to Assemble MREs	12.U43				-	150,950
		Quantifying and Communicating Uncertainty of Beach -Dune Evolution Models: The Development of an Event- to Interannual- to Decadal-Scale Model Testbed	12.U44				-	2,688
		QUANTIFYING DYNAMICS OF, AND OPPORTUNITY FOR, MICRO-SCALE WAVE ENERGY CONVERSION	12.U45		University of Washington	UWSC11389/BPO43021	-	113,888
		Real-time Imaging for Surf Zone Mapping	12.U46		Innovative Imaging and Research	2020-02	-	9,818
		Research and Technology Development	12.910		Carnegie Mellon University	1190050-405770	-	93,961
		Research and Technology Development	12.910		Columbia University	1(GG014532-01)	-	98,126
		Research and Technology Development	12.910		Columbia University	1(GG107064-01)	-	38,884
		Research and Technology Development	12.910		US Department of the Interior	D18AP00063	69,537	70,673
		Research and Technology Development	12.910				406,382	2,492,490
		Resident Undersea Autonomy - Task 1	12.U47		University of Washington	UWSC12016-BPO49406	-	301,995
		Resident Undersea Autonomy - Task 2	12.U48		University of Washington	UWSC12017-BPO49408	-	661,099
		Science, Technology, Engineering & Mathematics (STEM) Education, Outreach and Workforce Program	12.330				-	121,200
		Scientific Research - Combating Weapons of Mass Destruction	12.351				29,272	138,831
		Smart AI Federated Engine for Guarding against Unauthorized and Anomalous RF Radiation (SAFEGUARD)	12.U49		A10 Systems LLC DBA AiRANACULUS	PO-IARPA 2021-21062400004	-	72,767
		SYMBIAN: Exploiting the slow/fast framing of the mind for robust behavior in open worlds	12.U50		Raytheon SAS	4202182976	-	422,683
		Teammate aware autonomy	12.U51		Scientific Systems Company Inc	SC-1656-02	-	121,809
		Techniques and Tools for De-Bloating Containers	12.U52		University of Wisconsin - Madison	785K864	-	23,298

Cluster	Federal Grantor	Program Title	Number	Identification	Pass-Through Entity	Pass-Through Identifying Number	to Subrecipients	Expenditures
		Transparent Management of Hub-Based Colonies Using a Graph-Based Dynamic Model	12.U53		Brigham Young University	20-0559	-	95,965
		Triton Directional Sensor Phase II	12.U54		Triton Systems Inc	TSI-5036-22-20207071	-	10,660
		UUV Technology for Inexpensive PAM - Phase I	12.U55		Triton Systems Inc	TSI-2662-20-20201706	-	-31
	Department of Defense Total						2,456,508	19,076,149
	Department of Education	Child Care Access Means Parents in School	84.335				-	49,947
		Education Research, Development and Dissemination	84.305		Yale University	GR103267 (CON-80001285)	-	-17
		Education Research, Development and Dissemination	84.305				23,800	455,909
		Education Research, Development and Dissemination	84.305		WestEd	S-00017682	-	174,316
		English Language Acquisition State Grants	84.365				125,622	393,573
		MAAPS: Monitoring Advising Analytics to Promote Student Success	84.U01		Georgia State University Research Foundation Inc	SP00012139-08	-	7,247
		Migrant Education High School Equivalency Program	84.141				-	424,189
		Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	84.325		East Carolina University	AWD-20-0512-S005	-	193,018
		Special Education - Personnel Development to Improve Services and Results for Children with Disabilities	84.325				-	193,018
	Department of Education Total						67,646	391,412
							217,068	2,089,594
	Department of Energy	A Systems Biology Approach to Interactions and Resource Allocation in Bioenergy-Relevant Microbial Communities: Investigation of coordinated metabolic responses to metal stress	81.U01		Lawrence Livermore National Laboratory	B644462	-	70,640
		Accelerating the Experimental Mission of VTR Through an Ex-Pile Operational Program	81.U02		Idaho National Laboratory	145660-00034	25,615	64,516
		Advanced Research Projects Agency - Energy	81.135		North Carolina State University	2021-2439-02	-	80,091
		Advanced Research Projects Agency - Energy	81.135		University of Michigan	SUBK00013939-PO3006806978	-	122,812
		Advanced Research Projects Agency - Energy	81.135				669,684	1,614,346
		Advancing Monte Carlo Radiation Transport Algorithms for Computing at Exascale	81.U03		Los Alamos National Laboratory	CW12583/ PO EP28539	-	39,624
		Advancing the Nuclear Criticality Safety Discipline via Improved Modeling and Simulation, Analysis and Design of Experiments	81.U04		Lawrence Livermore National Laboratory	B648412	-	53,512
		AmeriFlux Management Project Core Site - Metolius Pine	81.U05		Lawrence Berkeley National Lab	7542255	-	194,333
		Avian Predation on Juvenile Salmonids in the Lower Columbia River	81.U06				5,619	5,614
		Avian Predation on Juvenile Salmonids in the Lower Columbia River, 2021	81.U07				467,063	509,232
		Avian Predation on Juvenile Salmonids in the Lower Columbia River, 2022	81.U08				197,263	244,359
		Catalyst Design for Advanced Chemical Manufacturing of Olefins	81.U09		Idaho National Laboratory	145660-44	-	7,892
		Conservation Research and Development	81.086				207,566	364,901
		Conservation Research and Development	81.086		Forge Nano, Inc.	2021-3830	-	83,523
		Controlled-Source Electromagnetic (CSEM) for Geohazard Identification	81.U10		Leidos Inc	P010225898 TO #2	-	305,673
		Create Digital Twin to Support Energy Efficiency Integration in Permanent Modular Construction Demonstration of In-situ Thermal Hydraulic Monitoring of Printed Circuit and Additively Manufactured Compact Heat Exchangers for VTR Testing	81.U11		DOE National Renewable Energy Lab	SUB-2020-10207	-	53,314
		Design of structural inhomogeneities to control functional properties	81.U12		Idaho National Laboratory	221030	-	9,284
		Developing a Predictive Neutronics Model of the Annular Core Research Reactor (ACRR) at Sandia National Laboratories	81.U13		Battelle Pacific Northwest Laboratory	445770-601341	-	46,856
		Developing Process-Microstructure-Property Correlation of Radiation-Tolerant Nanoporous and Nanostructured Materials for High Irradiation Environments	81.U14		Sandia National Laboratories	PO #2354988	-	43,738
		Development and Implementation of a New Ocean Surface Boundary Layer Parameterization in the Energy Exascale Earth System model (E3SM)	81.U15		Sandia National Laboratories	PO 2034563	-	-1,223
		Distinguished Graduate Research Program	81.U16		Lawrence Livermore National Laboratory	B645995	-	152,748
		Distinguished Graduate Research Program - Barton Gattis	81.U17		DOE Pacific Northwest National Lab	445770-482917	-	32,528
		Distinguished Graduate Research Program for Tanmayi Bathena	81.U18		Battelle Pacific Northwest Laboratory	445770-537076	-	101
		Distinguished Graduate Research Program - Lauren Palys	81.U19		DOE Pacific Northwest National Lab	445770-572646	-	35,747
		Distinguished Graduate Student Program - Matthew Koszuta	81.U20		Battelle Pacific Northwest Laboratory	445770-594267	-	32,262
		Distinguished Graduate Student Program -Margaret Conley	81.U21		Battelle Pacific Northwest Laboratory	445770-595435	-	30,956
		Electricity Delivery and Energy Reliability, Research, Development and Analysis	81.U22		DOE Pacific Northwest National Lab	445770-594075	-	30,601
		Electricity Delivery and Energy Reliability, Research, Development and Analysis	81.122		Schweitzer Engineering Laboratories Inc	SEL-138-2019	-	20,248
		Electricity Delivery and Energy Reliability, Research, Development and Analysis	81.122		University of Illinois, Urbana-Champaign	078620-15702 (2015-06605-07)	-	-9,687
		Electricity Delivery and Energy Reliability, Research, Development and Analysis	81.122		University of Illinois, Urbana-Champaign	078620-17941	-	202,607
		Electrochemical CO2 reduction in seawater	81.U23		DOE Pacific Northwest National Lab	445770-605929	-	8,192
		Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance	81.117		Washington State University	131648 SPC002661	-	13,280
		Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance	81.117				-	115,615
		Environmental Remediation and Waste Processing and Disposal	81.104		Vanderbilt University	UNIV59366 (formerly 19067-2)	-	343,959
		Evolution of thermal conductivity in irradiated lithium aluminate	81.U24		DOE Pacific Northwest National Lab	378025	-	3,505
		Exp Ocean Survival of Salmoniids	81.U25				-	-82
		Fabricate and test electrodes for testing in a flow cell device in raw seawater	81.U26		DOE Pacific Northwest National Lab	PO#605552	-	18,986
		Feed to Flightstock Tool (F2FT)	81.U27		Lawrence Berkeley National Lab	7449593	-	12,977
		Fossil Energy Research and Development	81.089		University of Texas at Austin	UTA17-000274	-	67,563
		Fossil Energy Research and Development	81.089				-	-441
		FOSWEC Digital Twin	81.U28		Sandia National Laboratories	2218113	-	45,972
		Gamma-ray spectroscopy of beta delayed fission products	81.U29		Lawrence Livermore National Laboratory	B636419	-	86,750
		Grand Challenge LDRD	81.U30		Sandia National Laboratories	PO# 2214652	73,125	348,045

Cluster	Federal Grantor	Program Title	Number	Identification	Pass-Through Entity	Pass-Through Identifying Number	to Subrecipients	Expenditures
		Growth of Epitaxial Thin Film for Battery Research	81.U31		Stanford University	202530	-	37,829
		High Head Study Bypass Fish Passage Investigations: Year Two study	81.U32		DOE Pacific Northwest National Lab	445770-535234	-	-506
		HTTF Testing 2016	81.U33		Idaho National Laboratory	00145660-014	-	2,503
		Hydro-Mechanical Flow Testing - Standby Contract	81.U34		Idaho National Laboratory	145660-00028	-	35,209
		Identify and predict phase forming at the interfaces of U-10Mo fuel	81.U35		DOE Pacific Northwest National Lab	445770-569730	-	19,096
		Improved Co-located Energy Storage for Wave Energy Converters	81.U36		Oscilla Power Inc	DE-FOA-0002156	-	79,753
		In Situ Mechanical and Corrosion Testing	81.U37		Idaho National Laboratory	145660-00025	-	196,690
		Industrial Engineering Support for Low-Enriched Uranium Fuel Fabrication Process Flow	81.U38		DOE Pacific Northwest National Lab	445770-549172	-	81,574
		Informing habitat conservation efforts towards increasing juvenile Chinook salmon size, growth, and survival across stream networks	81.U39		Columbia River Inter-Tribal Fish Commission	C20-01 PO C2000140	-	-20,906
		In-situ Mechanical Testing in Liquid Sodium	81.U40		TerraPower	Task Order 1 - TP-PO-002018	-	56,801
		InSPIRE 2.0: Dryland Agriculture and Solar Co-Location	81.U41		DOE National Renewable Energy Lab	XHR-9-92172-01	-	14,791
		INVESTIGATION OF COMPACT REMOTE-TRIGGERED CAPSULE BLOWDOWN VALVE	81.U42		Idaho National Laboratory	145660-0038	-	-40
		Joint Research & Development of Cybersecurity Solutions to Nuclear Security	81.U43		Idaho National Laboratory	145660-0041	-	6,484
		Leidos NETL Task 4: Constraining Kick Signals through Advanced Multi-Phase Data	81.U44		Leidos Inc	P010225898 TO 4	-	107,733
		Machine Learning for Nuclear Data, Criticality Safety and Non-Proliferation Applications	81.U45		Los Alamos National Laboratory	511502-513577	-	62,256
		Methane Upgrading Using Dynamic Energy Supply	81.U46		Idaho National Laboratory	145660-45	-	4,290
		Mini-DAQ for Wave Energy Conversion - FY21 supplement	81.U47		Sandia National Laboratories	PO# 2221197	-	44,585
		Model Validation and Site Characterization for Early Deployment Marine Hydrokinetic (MHK) Sites and Establishment of Wave Classification Scheme - Proof of Concept of a Remotely Operated Rigid Hull Inflatable Boat for Tidal and River Current Resource Char	81.U48		DOE National Renewable Energy Lab	SUB-2021-10509	-	75,377
		Multivalent Battery Cathode Stability and Characterization	81.U49		Argonne National Laboratory	9F-60223	-	9,900
		NATIONAL UNIVERSITY CONSORTIUM TRAVEL SUPPORT	81.U50		Idaho National Laboratory	145660-00019	-	169,736
		NEUTRONIC ANALYSIS OF THE KSU REACTOR	81.U51		Idaho National Laboratory	145660-47	-	62,823
		Novel Use of 4D Monitoring Techniques to Improve Reservoir Longevity and Productivity in Enhanced Geothermal Systems	81.U52		AECOM Energy and Construction, Inc.	RES1100426 / 004	-	-498
		Nuclear Energy Research, Development and Demonstration	81.121		University of Idaho	EH3005-SB-762925	-	56,041
		Nuclear Energy Research, Development and Demonstration	81.121		University of Wisconsin - Madison	775K552 / DE-NE0008714	-	122
		Nuclear Energy Research, Development and Demonstration	81.121				359,764	918,687
		Nuclear Energy Research, Development and Demonstration	81.121		University of Tennessee	A22-0547-S001	-	4,530
		Ocean Survival Of Salmonids	81.U53				-	459,631
		Office of Science Financial Assistance Program	81.049		Pennsylvania State University	S000311-DOE	-	74,949
		Office of Science Financial Assistance Program	81.049		Raytheon SAS	1262217 PO2608118	-	100,583
		Office of Science Financial Assistance Program	81.049		Stanford University	62216029-148997	-	119,725
		Office of Science Financial Assistance Program	81.049		University of Colorado Boulder	1559976 / PO#1001426898	-	68,363
		Office of Science Financial Assistance Program	81.049		University of Washington	UWSC12419 / BPO56704	-	14,968
		Office of Science Financial Assistance Program	81.049		Voxtel, Inc	DE-SC0019697 PO#268420	-	98,566
		Office of Science Financial Assistance Program	81.049				82,437	815,857
		Office of Science Financial Assistance Program	81.049		Oscilla Power Inc	DE- SC0021957	-	33,500
		Office of Science Financial Assistance Program	81.049		Hydronalix, Inc.	7068-01	-	59,628
		Office of Science Financial Assistance Program	81.049		SubSeaSail LLC	7000-01	-	8,105
		Oregon State University Sodium Loop Build	81.U54				-	155,436
		OSU - PNNL joint appointment for Kathryn Higley	81.U55		DOE Pacific Northwest National Lab	445770	-	38,368
		OSU Undergraduate/Graduate Safeguards Design Project	81.U56		DOE Pacific Northwest National Lab	445770-552099	-	9,142
		Planning for USHPRR LEU Fuel Elements Hydraulic Performance Evaluation in OSU HMFTF Flow Test Loop	81.U57		Argonne National Laboratory	1J-60043-0001A	-	367,477
		PNNL - Boiteau Joint Appointment Agreement FY19	81.U58		DOE Pacific Northwest National Lab	445770-448636	-	-20
		Populus trichocarpa foliar microbiome greenhouse experiments	81.U59		DOE Oak Ridge National Laboratory	4000192739	-	30,812
		Predicting permafrost stability in Alaskan landscapes susceptible to freeze-thaw cycles	81.U60		DOE Pacific Northwest National Lab	445770-490171	-	28,584
		Predictive Science Academic Alliance Program	81.124				382,163	726,877
		Preparation of targets for the Fission TPC for the 2020 and 2021 run cycles at LANL	81.U61		Lawrence Livermore National Laboratory	B642773	-	64,696
		Pump Commissioning Flow Tests - a Naval Reactor Experimental Loops in ATR	81.U62		Idaho National Laboratory	145660-00017	-	718,061
		Quantifying Chinook Salmon early life history patterns to inform the prioritization of conservation efforts	81.U63		Columbia River Inter-Tribal Fish Commission	C21-03 PO C2100340	-	94,456
		Radiological Emergency Response Support 2021-2022	81.U64		Oregon Dept of Energy	21-006	-	8,015
		Renewable Energy Research and Development	81.087		American Institute of Chemical Engineers	DE-EE000788-08.6	-	58,389
		Renewable Energy Research and Development	81.087		American Institute of Chemical Engineers	DE-EE0007888-08.4	-	66,470
		Renewable Energy Research and Development	81.087		American Institute of Chemical Engineers	DE-EE0007888-10.9a	-	21,977
		Renewable Energy Research and Development	81.087		American Institute of Chemical Engineers	DE-EE007888-10.4	-	326,399
		Renewable Energy Research and Development	81.087		American Institute of Chemical Engineers	RAPID Project Management	-	0
		Renewable Energy Research and Development	81.087		Arizona State University	ASUB00000540	-	135,196
		Renewable Energy Research and Development	81.087		Michigan State University	RC111121-OSU	-	136,735
		Renewable Energy Research and Development	81.087		University of Alaska - Fairbanks	UA 22-0043	-	120,093
		Renewable Energy Research and Development	81.087		University of California, Los Angeles	4550 GZA041	25,000	91,601
		Renewable Energy Research and Development	81.087		University of Georgia	SUB00002260	-	39,238
		Renewable Energy Research and Development	81.087		University of Washington	UWSC11791 / BPO47430	-	253,055
		Renewable Energy Research and Development	81.087		University of Washington	UWSC13234/BPO 60501	-	148,866
		Renewable Energy Research and Development	81.087				339,073	13,519,510
		Renewable Energy Research and Development	81.087		Electric Power Research Institute	10013934	-	38,818
		Renewing Wave Energy Testing for Maritime Markets at PacWave North	81.U65		DOE National Renewable Energy Lab	XEJ-9-92109-01	-	165,823
		Resource characteristics at early market Marine and Hydrokinetic (MHK) sites	81.U66		DOE National Renewable Energy Lab	AGZ-9-92287-01	-	33,802

Cluster	Federal Grantor	Program Title	Number	Identification	Pass-Through Entity	Pass-Through Identifying Number	to Subrecipients	Expenditures
		Review of SMR-160 Integral and Separate Effects Test Program R&D - Oregon State University	81.U67		Idaho National Laboratory	145660-0042	-	48,741
		River corridor hydrobiogeochemistry from reaction to basin scale	81.U68		DOE Pacific Northwest National Lab	608983	-	29,000
		Self-Healing Encryption for Real-Time Video Authentication	81.U69		DOE Pacific Northwest National Lab	605439	-	77,223
		Septoria gene drive project	81.U70		DOE Oak Ridge National Laboratory	4000178229/4000192682	-	52,326
		Soft Robotics and Sensor Development for Nuclear Safeguards	81.U71		Idaho National Laboratory	145660-00040	-	221,555
		Solid State NMR Calculations using First Principles Methods Density Functional	81.U72		Argonne National Laboratory	0F-60052	-	-3,066
		Statistical Support for the United States High Performance Research Reactor Project	81.U73		DOE Pacific Northwest National Lab	445770-555650	-	67,696
		Stewardship Science Grant Program	81.112		University of Notre Dame	203186OSU	-	196,157
		Stewardship Science Grant Program	81.112				-	100,079
		Stoerzinger Joint Appointment Agreement	81.U74		DOE Pacific Northwest National Lab	445770-448609	-	14,132
		Studies in Support of Improved Performance of Mercury on GPUs and Heterogeneous Architectures	81.U75		Lawrence Livermore National Laboratory	B643121	-	91,788
		Support for PNNL Pele Project	81.U76		DOE Pacific Northwest National Lab	445770-562151	-	13,784
		Supporting Flash Neutron Radiography and Flow Visualization Experiments	81.U77		Idaho National Laboratory	145660-00037	-	37,364
		TASK ORDER #OSU_1: Dehlsen (Brekken - WESRF), UofH (Lomonaco - Hinsdale)	81.U78		Pacific Ocean Energy Trust	OSU-1-UofH-Dehlsen	-	-96
		Task Order_OSU_2: AquaHarmonics (PI Bosma), Oscilla Power (PI Lomonaco)	81.U79		Pacific Ocean Energy Trust	Task Order#OSU_2_AquaHarmonics	-	117,374
		Task Order_OSU_3: MJP&A Rapidly Installed Breakwater & Wave Amplifier (RIB&WA)	81.U80		Pacific Ocean Energy Trust	OSU_3b_MJP&A	-	2,056
		Task Order_OSU_3: Oscilla Power (PI Brekken) Wave Energy Power Smoothing Via Supercapacitors Design Comparison	81.U81		Pacific Ocean Energy Trust	OSU_3a_Oscilla	-	138,105
		TPC Target Making	81.U82		Lawrence Livermore National Laboratory	B630762	-	17,937
		TREAT HENRI-PROTOTYPE TESTING AND SYSTEM MODELING OF THE HELIUM NEGATIVE REACTIVITY INSERTION (HENRI) SYSTEM	81.U83		Idaho National Laboratory	145660-0036	-	126,132
		Tuning the Molecular Interactions with Xenon using Metal Organic Frameworks	81.U84		DOE Pacific Northwest National Lab	445770-489084	-	87,680
		WEC Control Constraint Handling via Model Predictive Control	81.U85		Sandia National Laboratories	PO#2206686	-	70,400
		WEC control develop and testing	81.U86		Sandia National Laboratories	PO #2354608	-	19,363
	Department of Energy Total						2,834,372	28,307,810
	Department of Health and Human Services							
		Aging Research	93.866		Boston University	4500004173	-	55,230
		Aging Research	93.866				214,343	1,144,632
		Alcohol Research Programs	93.273				136,769	306,365
		Allergy and Infectious Diseases Research	93.855		Aradigm Corporation	2018-45		1,111
		Allergy and Infectious Diseases Research	93.855		Henry M Jackson Foundation	4744 / PO 972214		66,067
		Allergy and Infectious Diseases Research	93.855		Henry M Jackson Foundation	4745 / PO 972216		280,814
		Allergy and Infectious Diseases Research	93.855		Mount Sinai School of Medicine	0255-A131/A132/A133/A134-4609		76,235
		Allergy and Infectious Diseases Research	93.855		University of California, Irvine	2020-1295		5,950
		Allergy and Infectious Diseases Research	93.855		University of Washington	UWSC9071 / BPO 15471		42,879
		Allergy and Infectious Diseases Research	93.855		Western University of Health Sciences	20150-Steinauer-OSU		40,182
		Allergy and Infectious Diseases Research	93.855				141,587	1,411,268
		Arthritis, Musculoskeletal and Skin Diseases Research	93.846		University of Massachusetts Medical School	OSP35019-00/POWA01097032		130,305
		Assistance Programs for Chronic Disease Prevention and Control	93.945					281,658
		Biomedical Research and Research Training	93.859		Oregon Health Authority	158380		25,478
		Biomedical Research and Research Training	93.859		Oregon Health & Science University	1018661_OSU/1R01GM141733-01		137,939
		Biomedical Research and Research Training	93.859		Purdue University	11001041-053		657
		Biomedical Research and Research Training	93.859		University of Georgia	SUB00002035		70,143
		Biomedical Research and Research Training	93.859		University of Pittsburgh	AWD0003094 (135236-1)		93,910
		Biomedical Research and Research Training	93.859				310,722	1,649,600
		Cancer Cause and Prevention Research	93.859		University of Nebraska Medical Center	34-5360-2083-005		126,862
		Cancer Detection and Diagnosis Research	93.393		Kaiser Foundation Hospitals	NW83982		175,097
		Cancer Treatment Research	93.394				164,143	400,032
		Cancer Treatment Research	93.395		Pacific University	PU-OSU-01-2019-00		10,781
		Cancer Treatment Research	93.395				312,855	678,350
		Cardiovascular Diseases Research	93.837		Ossium Health	2R44HL42418-02		42,678
		Cardiovascular Diseases Research	93.837		Harvard Pilgrim Health Care Inc	AH000766		252,363
		Center for Cancer Data Harmonization	93.U01		Leidos Biomedical Research	19X077Q HHSN261201500003I		1,043,828
		Child Health and Human Development Extramural Research	93.865		Montana State University	G250-21-W8694		121,606
		Child Health and Human Development Extramural Research	93.865		Oregon Health & Science University	1013518_OSU		95,458
		Child Health and Human Development Extramural Research	93.865		Oregon Health & Science University	1016127_OSU		-18
		Child Health and Human Development Extramural Research	93.865		University of Washington	UWSC12769/BPO56338		2,981
		Child Health and Human Development Extramural Research	93.865		Wake Forest University	455-102300-112761		19,135
		Child Health and Human Development Extramural Research	93.865				66,220	765,526
		Clinical translation of near infrared nerve-specific fluorophores for fluorescence guided surgery	93.U02		21st Century Medicine, Inc.	PTE Fed Awd No 1R44HD104531-01		44,148
		Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		Inherent Targeting LLC	1R44CA247639-01A1		22,385
		Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		Oregon Health & Science University	1013984_OSU		683
		Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286					117,569
		Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		Georgia Regents University	33585-1		59,078
		Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		Oregon Health & Science University	1019667_OSU		44,449
		Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286					205,902
		Drug Abuse and Addiction Research Programs	93.279		Oregon Health & Science University	1011286_OSU		18,229
		Drug Abuse and Addiction Research Programs	93.279		Oregon Health & Science University	1012350_OSU		44,877
		Drug Abuse and Addiction Research Programs	93.279		Oregon Health & Science University	1012803_OSU		39,406

Cluster	Federal Grantor	Program Title	Number	Identification	Pass-Through Entity	Pass-Through Identifying Number	to Subrecipients	Expenditures
		Drug Abuse and Addiction Research Programs	93.279		Second Genome	2019-2155		23,371
		Drug Abuse and Addiction Research Programs	93.279					29,159
		Drug Abuse and Addiction Research Programs	93.279		Brandeis University	GR403953_OSU		53,397
		Environmental Health	93.113		North Carolina State University	2019-0378-01		-2,207
		Environmental Health	93.113		University of California, Irvine	2019-3784		24,899
		Environmental Health	93.113		Wake Forest University	215-39243-10000550032		111,186
		Environmental Health	93.113				586,012	5,554,891
		Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323		Oregon Health Authority	163700		0
		Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323		Oregon Health Authority	165122-0		1,501,651
		Exoskeletons as an Innovative Approach to Prevent Musculoskeletal Disorders in Surface Stone Mining	93.U03		Virginia Tech	412604-19201		25,436
		Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853				9,849	421,759
		Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		Dartmouth-Hitchcock Clinic	GC10418-02-DGR15362		11,581
		Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		Massachusetts General Hospital	239325		157,821
		Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		Epitel Inc	U44NS121562		161,538
		Family Smoking Prevention and Tobacco Control Act Regulatory Research	93.077		The Ohio State University	GR121521		7,589
		Family Smoking Prevention and Tobacco Control Act Regulatory Research	93.077		The Ohio State University	GR124341 SPC-1000006386		22,296
		Food and Drug Administration Research	93.103					55,246
		Growing the Community Integrated Network of Oregon to Deliver and Sustain Evidence Based Chronic Disease Self-Management Education and Support Programs	93.U04		Comagine Health	4100.CE0.02.OSU		41,147
		Human Genome Research	93.172				-48,363	-48,505
		Injury Prevention and Control Research and State and Community Based Programs	93.136		Oregon Health & Science University	1013842_OSU		97,216
		Inter-laboratory Study of the Effects of Protocol Variables on Toxicity Measures in Zebrafish	93.U05		Battelle Memorial Institute	US 001-0000751237		41,018
		Lung Diseases Research	93.838				164,989	1,062,493
		Mental Health Research Grants	93.242		Portland State University	100107		-167
		Mental Health Research Grants	93.242					36,656
		National Center for Advancing Translational Sciences	93.350		Oregon Health & Science University	1011902_OSU		221
		National Center for Advancing Translational Sciences	93.350		Oregon Health & Science University	1011902-001_OSU		-846
		National Center for Advancing Translational Sciences	93.350		Oregon Health & Science University	1011902-003_OSU		11
		National Center for Advancing Translational Sciences	93.350				1,008,413	1,273,481
		National Center for Advancing Translational Sciences	93.350		Initos Pharmaceuticals LLC	2020-R44TR002692		140,856
		NIEHS Superfund Hazardous Substances Basic Research and Education	93.143				178,474	2,933,728
		Nurse Education, Practice Quality and Retention Grants	93.359					187,719
		Occupational Safety and Health Program	93.262		New York Center for Agricultural Medicine and Health	1 U01OH011899-01-00		15,445
		Occupational Safety and Health Program	93.262		University of Washington	UWSC11696 / BPO #49399		-265
		Occupational Safety and Health Program	93.262		University of Washington	UWSC9328 / BPO 17849		140,891
		Occupational Safety and Health Program	93.262		University of Washington	UWSC13276/BPO60815		12,374
		Occupational Safety and Health Program	93.262				39,527	274,453
		Occupational Safety and Health Program	93.262		Center for Construction Research and Training	20-5-PS		10,992
		Opioid STR	93.788					417,028
		Oral Diseases and Disorders Research	93.121		Oregon Health & Science University	1016489_OSU		96,683
		Oral Diseases and Disorders Research	93.121				116,698	473,253
		Rapid Assessment of Drug Abuse from Municipal Wastewater by Smart Surface-Enhanced Raman Scattering Technique	93.U06		E-Lambda LLC	2020-R41DA051094		33,050
		Research and Training in Complementary and Integrative Health	93.213		Oregon Health & Science University	1016338_OSU		290,425
		Research and Training in Complementary and Integrative Health	93.213		University of Illinois, Chicago	16883		-19,776
		Research and Training in Complementary and Integrative Health	93.213				123,018	533,188
		Research and Training in Complementary and Integrative Health	93.213		University of Oklahoma	2022-12/R01AT011618		1,079
		Research Infrastructure Programs	93.351		Oregon Health & Science University	1014589_OSU		34,877
		Research Infrastructure Programs	93.351		University of Oregon	217090A		26,996
		Research Infrastructure Programs	93.351				39,680	212,363
		Research Infrastructure Programs	93.351		Ramona Optics, Inc.	2R44OD024879-04-OSU-Tanguay		164,199
		Research on Healthcare Costs, Quality and Outcomes	93.226		University of Pittsburgh	AWD00002325(134464-2)		476
		Research on Healthcare Costs, Quality and Outcomes	93.226		University of Wisconsin - Madison	1013		11,328
		Research on Healthcare Costs, Quality and Outcomes	93.226		University of Wisconsin - Madison	1841		30,779
		Research on Healthcare Costs, Quality and Outcomes	93.226				103,503	434,071
		Research Related to Deafness and Communication Disorders	93.173					429,964
		Socioeconomic status and breast cancer by age group and race/ethnicity	93.U07		Oregon Health & Science University	1018947_OSU		2,814
		Sodium Reduction in Communities	93.082		Oregon Health Authority	153667		-8,096
		Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health	93.421		Community Health and Social Services Center Inc	21-1113		8,202
		Trans-NIH Research Support	93.310		Columbia University	1(GG013062-05)/G15981		19,425
		Vision Research	93.867				127,680	341,395
		Welfare Reform Research, Evaluations and National Studies	93.595				-	140,151
		Department of Health and Human Services Total					4,839,947	28,215,927
	Department of Homeland Security	Centers for Homeland Security	97.061		University of North Carolina, Chapel Hill	5101654	-	140,378
		Hazard Mitigation Grant	97.039		Oregon Dept of Land Conservation & Development	21021	-	10,817
		Homeland Security Research, Development, Testing, Evaluation, and Demonstration of Technologies Related to Nuclear Threat Detection	97.077				-	204,476

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	Department of Homeland Security Total						-	355,671
	Department of the Interior	2021 Morphological Change Analysis MCR Open Coast Beach Data Collection, Analysis, and Archiving	15.U01		Washington Department of Ecology	C2100072	-	61,664
		A project from the BLM to complete PNW Lentic (wetland) AIM Vegetation Sampling, PN LEN-3 for California in 2022, with options for 2023 and 2024.	15.U02				237,680	253,747
		A project to complete PNW Lentic (wetland) AIM Vegetation Sampling, PN LEN-2, for BLM for Nevada.	15.U03				113,980	120,480
		An evaluation of sublethal and latent pyrethroid toxicity across a salinity gradient in two Delta fish species	15.U04		Delta Stewardship Council	18206	72,317	124,928
		Assessing changes in the distribution of Manayunkia occidentalis related to discharge in the Klamath River and how M. occidentalis infection prevalence might predict Ceratonova shasta disease risk for migrating salmonids.	15.U05				-	18,289
		Assistance to State Water Resources Research Institutes	15.805				-	90,277
		B-08 Terrestrial AIM Training Assistance in 2021.	15.U06				-	9,692
		BLM National Operations Data Center - GIS/Data Specialist	15.U07				-	3,593
		BLM Wildland Urban Interface Community Fire Assistance	15.228				-	4,695
		Blue & Fin Whale Tagging Analyses and Publications in Support of Marine Mammal Monitoring						
		Across Multiple Navy Training Areas in Southern California	15.U08		HDR One Company	1.0003E+12	-	32,135
		Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	15.423		University of Alaska - Fairbanks	UA 22-0030	-	52,317
		Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	15.423				68,085	171,797
		Continued Computer Support for High Resolution Regional Climate Data	15.U09				-	6,475
		Cooperative Ecosystem Studies Units	15.678				-	71,046
		Cooperative Research and Training Programs Resources of the National Park System	15.945				-	886,360
		Cooperative Research Units	15.812				-	2,297,856
		Cultural and Paleontological Resources Management	15.224				-	-5,666
		Earthquake Hazards Program Assistance	15.807				-	9,274
		Endangered Species - Candidate Conservation Action Funds	15.660				-	151,448
		Endangered Species Conservation Recovery Implementation Funds	15.657				-	96,741
		Fish and Wildlife Coordination and Assistance	15.664				-	41,313
		Fish, Wildlife and Plant Conservation Resource Management	15.231				-	90,466
		Fisheries and Aquatic Resources Management	15.244				-	51,685
		Identifying mechanisms, population-level impacts, and mitigation for thiamine deficiency and early life stage mortality in Central Valley salmon	15.U10		University of California, Davis	A22-1041-S002	-	23,076
		Interactive Effects of Predators, Habitat, and Livestock Presence on Sage-grouse Demography and Seasonal Habitat Use in Wyoming	15.U11				-	98,252
		Long-term resource selection by elk in response to timber harvest and associated habitat changes	15.U12		Oregon Dept of Fish & Wildlife	175-21	-	74,187
		Migratory Bird Monitoring, Assessment and Conservation	15.655				-	101,886
		National Climate Change and Wildlife Science Center	15.820		University of Washington	UWSC11700 BPO46346/47/48/51etc	-	120,297
		National Climate Change and Wildlife Science Center	15.820		University of Washington	UWSC13136/BPO#59768	-	9,360
		National Land Remote Sensing Education Outreach and Research	15.815		AmericaView	AV18-OR-01	-	39,264
		National Landscape Conservation System	15.248				-	4,961
		Natural Resource Damage Assessment, Restoration and Implementation	15.658				-	-498
		Natural Resource Stewardship	15.944				-	8,007
		OR - Population Assessment of Western Oregon Sooty Grouse 2020-2022	15.U13		Oregon Dept of Fish & Wildlife	057-20	-	113,658
		Partners for Fish and Wildlife	15.631				-	97,649
		Plant Conservation and Restoration Management	15.245				-	17,073
		PN-14: PNW Terrestrial AIM Vegetation Sampling for BLM for the Eagle Lake - Applegate California BLM District in 2020-2021, with optional work in 2021-2022.	15.U14				523,084	523,084
		PN-16: PNW Terrestrial AIM Vegetation Sampling for BLM in OR and WA, 2020 and 2021 field seasons.	15.U15				-	477,747.00
		PN-17: PNW Terrestrial AIM Vegetation Sampling for BLM for Idaho in 2020.	15.U16				-	491
		PN-23: PNW Terrestrial AIM Vegetation Sampling for BLM in CA on the Ridgecrest District in 2021.	15.U17				-	19,415.00
		PN-25: PNW Terrestrial AIM Vegetation Sampling for BLM in OR and WA, 2021 and 2022 field seasons.	15.U18				-	382,652.00
		PN-26: PNW Terrestrial AIM Vegetation Sampling for BLM for Idaho in 2021, with options for 2022 and 2023.	15.U19				20,511	20,614.00
		PN-30: PNW Terrestrial AIM Vegetation Sampling for BLM in NV on the Winnemucca District in 2021.	15.U20				-	36,442
		PN-31: PNW Terrestrial AIM Vegetation Sampling for BLM in OR and WA, additional plots for the 2021 and 2022 field seasons.	15.U21				-	126,998
		PN-33: PNW Terrestrial AIM Vegetation Sampling for BLM for Idaho in 2021, with options for 2022, 2023, and 2024.	15.U22				1,026,648	1,026,648
		PN-34: PNW Terrestrial AIM Vegetation Sampling for BLM for Coeur d'Alene, Idaho in 2021, with options for 2022, 2023, and 2024.	15.U23				84,030	90,530
		PN-36: PNW Terrestrial AIM Vegetation Sampling for BLM on the Black Rock Resource Area of the Winnemucca District in Nevada for the 2021 and 2022 field seasons.	15.U24				-	52,984
		PN-41: Data Specialist for BLM in CA for 2022, 2023 and parts of 2024.	15.U25				113,671	120,171
		PN-42: PNW Terrestrial AIM, 2022 Vegetation Sampling in Oregon and Washington	15.U26				31,040	424,082

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		PN-43. PNW Terrestrial AIM Vegetation Sampling for BLM in NV on the Humboldt Resource Area of the Winnemucca District in 2022.	15.U27				-	67,803
		PN-LEN-1 Idaho. Lentic (wetlands) AIM Vegetation Sampling for BLM for Idaho in 2022, 2023 and 2024.	15.U28				79,842	86,342
		PNW Terrestrial AIM Vegetation Sampling for BLM in OR and WA, 2019 and 2020 field seasons.	15.U29				-	124,119
		Rangeland Resource Management	15.237				-	67,049
		Response of Carnivores to Reduced Prey Abundance at the Starkey Experimental Forest and Range	15.U30		Oregon Dept of Fish & Wildlife	107-20	-	83,264
		Sage Grouse Raven Study in Baker and Malheur Counties - 2021-2023	15.U31		Oregon Dept of Fish & Wildlife	187-21	-	183,978
		State Wildlife Grants	15.634		Oregon Dept of Fish & Wildlife	426-18	-	211
		Threatened and Endangered Species	15.246				-	2,653
		U.S. Geological Survey_ Research and Data Collection	15.808				841,121	1,885,321
		Vya Juniper Removal	15.U32				-	123,605
		Western Oregon Elk Habitat Use, Survival and Reproductive Parameters	15.U33		Oregon Dept of Fish & Wildlife	326-20	-	98,865
		Wildland Fire Research and Studies	15.232				54,337	110,022
		Wildlife Resource Management	15.247				-	697,921
	<i>Department of the Interior Total</i>						3,266,346	12,180,795
	Department of Transportation	A52_ A11L.UAS.68: - Disaster Preparedness and Emergency Response Phase II	20.U01				-	27,152
		Additional Considerations for Making ADS Vehicles Accessible for All Road Users	20.U02		toXcel	693JJ921F000157/ 2019-005	-	14,774
		Additional RTK GNSS sensors for coastal landslide monitoring	20.U03		Oregon Dept of Transportation	30530-20-09	-	133
		Air Transportation Centers of Excellence	20.109				-	455,143
		Alternative High Early Strength Concrete (HESC) Structural Overlays	20.U04		Oregon Dept of Transportation	30530-21-09	-	214,200
		AUTOMATED METHODS FOR CORRECTING ODOT'S REAL-TIME GNSS NETWORK FOR SURVEY AND POST-DISASTER RECOVERY	20.U05		Oregon Dept of Transportation	30530-22-08	-	50,000
		Automating lidar data to develop and manage active transportation asset inventories	20.U06		Oregon Dept of Transportation	30530-22-02	-	70,721
		Autonomous Track Inspection System based on Passive Sensing and Anomaly Detector	20.U07		University of South Florida	2106-1323-00-A	-	-315
		BEST PRACTICES FOR WORK ZONE SAFETY DURING TRAFFIC CONTROL PLACEMENT, REMOVAL, AND MODIFICATIONS	20.U08		Oregon Dept of Transportation	30530-21-08	-	89,886
		BRIDGE COLUMN FOOTING PERFORMANCE AND SEISMIC RETROFIT EVALUATION	20.U09		Oregon Dept of Transportation	30530-20-06	-	148,294
		CONSIDERING SOIL-STRUCTURE INTERACTION	20.U10				-	87,365
		Cascadia Lifelines Research Consortium Public Membership	20.U11		Oregon Dept of Transportation	30530-20-08	-	115,707
		Centerline Rumble Strip Effects on Pavement Performance	20.U12		Oregon Dept of Transportation	30530-17-02	4,906	101,154
		Coastal Landslide and Bluff Retreat Monitoring for Climate Change Adaptation and Targeted Risk Assessment	20.U13		Oregon Dept of Transportation	30530-20-03	-	2,732
		Design and Life-Cycle Assessment of Gabion Barriers for Rockfall Mitigation using Numerical Modeling	20.U14		Toole Design Group LLC	50758	-	72,288
		Design Options to Reduce Turning Motor Vehicle - Bicycle Conflicts at Controlled Intersections	20.U15		Oregon Dept of Transportation	30530-20-10	-	9,390
		Detector Performance	20.U16		Oregon Dept of Transportation	30530 20-01	-	71,650
		Determining Landslide Drain Efficiency Lifecycle for Development of Maintenance and Operations Manuals	20.U17		Oregon Dept of Transportation	30530-22-09	-	50,969
		DEVELOPMENT OF PROCEDURES AND TECHNOLOGIES FOR CHIP SEAL CONSTRUCTION QUALITY CONTROL IN OREGON	20.U18		Oregon Dept of Transportation	30530-22-03	-	39,396
		EVALUATION OF ELECTRONIC ENFORCEMENT OF MOTOR CARRIER COMPLIANCE AND SAFETY	20.U19		Oregon Dept of Transportation	30530-20-04	15,737	21,284
		EXPANDING THE OREGON MOTOR CARRIER SAFETY ACTION PLAN: BEST RETURN ON INVESTMENT	20.U20		National Academy of Sciences	HR 14-45 SUB0001579 Unit 905	64,713	189,184
		Guidelines for Response Planning, Assessment, and Rapid Restoration of Service of Bridges in Extreme Events	20.200		Iowa State University	019859WO2B	-	5,734
		Highway Research and Development Program	20.200		National Academy of Sciences	SUB0000788 HR20-05(47-16)	-	15,782
		Highway Research and Development Program	20.200		Oregon Dept of Transportation	30530-22-01	4,254	78,794
		Highway Research and Development Program	20.200		University of Florida	SUB00001970	-	70,687
		Highway Research and Development Program	20.200		University of Texas at Austin	UTA19-000521	-	19,955
		Highway Research and Development Program	20.200				7,693	124,956
		Highway Training and Education	20.215				-	9,840
		Impact of Use of Portland-Limestone Cement on Concrete Performance as Plain or Reinforced Material	20.U21		California Department of Transportation	65A0677	-	-6,803
		IMPACTS OF INTERSECTION TREATMENTS AND TRAFFIC CHARACTERISTICS ON BICYCLIST SAFETY	20.U22		Oregon Dept of Transportation	30530-20-05	-	-1,259
		IMPLEMENTATION OF A LABORATORY CONDITIONING AND TESTING PROTOCOL TO EVALUATE MOISTURE SUSCEPTIBILITY OF ASPHALT MIXTURES	20.U23		Oregon Dept of Transportation	30530-20-07	-	91,370
		IMPLEMENTATION OF BALANCED MIX DESIGN METHODS IN OREGON TO MEET LONG-TERM PERFORMANCE GOALS	20.U24		Oregon Dept of Transportation	30530-22-04	-	29,222
		Implementation Training for SPR809 Research Products	20.U25		Oregon Dept of Transportation	30530-22-07	-	10,076
		Improving Constructability and Durability of Concrete Pavements	20.U26		Oregon Dept of Transportation	30530-19-12	-	17,148
		Integrating construction practices and weather into freeze thaw specifications	20.U27		Oklahoma State University	1-501021-01	-	64,825
		Physics-based modeling of rumble strip noise	20.U28		Oregon Dept of Transportation	30530-19-11	-	35,554
		Piloting Smart Work Zone Technologies to Provide Real-Time Lane Closure Information to Improve Oregon Highway Safety and Mobility	20.U29		Oregon Dept of Transportation	30530-22-05	-	63,404

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		Preliminary Investigation of Heavy Vehicle Parking Design in Oregon Rest Areas	20.U30				-	-1
		Preventing Potential Alkali-Silica Reaction Expansion in Airfield Concrete Pavements	20.U31				-	8,178
		REMOVING RESIDUAL LANE MARKINGS TO REDUCE DRIVER CONFUSION - BEST PRACTIC	20.U32		Oregon Dept of Transportation	30530-22-06	-	38,249
		Toward a Florida Automated, Connected, Electric and Shared (ACES) Transportation System Roadmap: Phase I	20.U33		University of South Florida	2117-1945-00-A / P000010338	-	0
		University Transportation Centers Program	20.701		University of Washington	UWSC11515/BPO44081	-	18,569
		University Transportation Centers Program	20.701		University of Washington	UWSC11517/BPO44087	-	13,028
		University Transportation Centers Program	20.701		University of Washington	UWSC11520/BPO44129	-	-4,523
		University Transportation Centers Program	20.701		University of Washington	UWSC11987-BPO419175	-	-1
		University Transportation Centers Program	20.701		University of Washington	UWSC12120/BPO 50675	-	13,278
		University Transportation Centers Program	20.701		University of Washington	UWSC12050/BPO58225	-	65,799
		University Transportation Centers Program	20.701		University of Washington	UWSC12583/BPO#54676	-	91,320
		University Transportation Centers Program	20.701		University of Washington	UWSC12584/BPO#54679	-	54,930
		University Transportation Centers Program	20.701		University of Washington	UWSC12640/BPO55489	-	37,176
		University Transportation Centers Program	20.701		University of Washington	UWSC12666 BPO#55533	-	38,348
		University Transportation Centers Program	20.701		University of Washington	UWSC12582/BPO 54669	-	6,929
		University Transportation Centers Program	20.701		University of Washington	UWSC BPO53296	-	61,950
		University Transportation Centers Program	20.701		University of Washington	UWSC12824/BPO 56760	-	39,999
		University Transportation Centers Program	20.701		University of Washington	UWSC13388/BPO 61859	-	8,847
		University Transportation Centers Program	20.701				-	46,283
		US HIGHWAY 101 COASTAL HAZARD VULNERABILITY AND RISK ASSESSMENT FOR MITIGATION PRIORITIZATION	20.U34		Oregon Dept of Transportation	30530-21-01	10,865	125,891
		Vulnerable and Disabled Road Users: Considerations Inside and Outside the Vehicle	20.U35		toXcel	693JU919F000170 / 2019-005	-	208,743
	Department of Transportation Total						108,168	3,333,384
	Department of Veterans Affairs	VA Long-Term Outcomes from COVID Study	64.U01				-	14,601
	Environmental Protection Agency	Impacts of Vehicle Emission Regulations and Local Congestion Policies on Birth Outcomes Associated with Traffic Air Pollution	66.U01		Health Effects Institute	4970-RFA18-1/20-4-2	133,227	351,210
		Office of Research and Development Consolidated Research/Training/Fellowships	66.511				139,802	399,872
		Puget Sound Action Agenda: Technical Investigations and Implementation Assistance Program	66.123		Puget Sound Partnership	2018-19	-	96,926
		Science To Achieve Results (STAR) Research Program	66.509		North Carolina State University	2019-0821-01	-	125,333
		Science To Achieve Results (STAR) Research Program	66.509				84,905	214,534
	Environmental Protection Agency Total						357,934	1,187,875
	National Aeronautics and Space Administration	A new paradigm for ocean color satellite calibration: highly accurate, low uncertainty, hyperspectral radiometric measurements from autonomous platforms (HyperNAV-II)	43.U01				-	10,224
		Deposition and Curing of Thermoset Resin Mixtures for Thermal Protection	43.U02		Voxel, Inc	2021-80NSSC20C0300 PO#NPJ1064A	-	37,145
		Development of the Electric Lift Augmentation with Slats (ELAS)	43.U03		CubCrafters	Not Available	-	22,252
		Electrically Tunable Quasioptical Filters Enabled by Inverse Design of Epsilon-Near-Zero Metasurfaces	43.U04				3,785	43,206
		Global assessment of climate driven trends in marine primary productivity	43.U05				26,267	92,584
		L'Space Evaluation Phase C&D	43.U06		Arizona State University	ASUB00000414 / PO-19-00144788	-	26,279
		MT Data Acquisition Services for NASA	43.U07		Incorporated Research Institutions for Seismology	SU-19-1101-05-OSU	21,716	125,037
		NASA Funding for John Farrar Oceanus Cruise Oct 17- Nov 9 2021	43.U08		Woods Hole Oceanographic Institution	C124351	-	577,314
		Net Primary Production and Chlorophyll Fluorescence from GLIMR	43.U09				-	2,260
		Science	43.001		East West Center	HC13704	-	24,507
		Science	43.001		Institute for Global Environmental Strategies	18I004/18I008	-	334,974
		Science	43.001		Jet Propulsion Lab	1612966	-	22,066
		Science	43.001		University of Arizona	529182	-	25,094
		Science	43.001		University of Arizona	529183	-	69,198
		Science	43.001		University of California, Irvine	2021-1574	-	56,494
		Science	43.001		University of Colorado Boulder	1558712 / PO#1001296706	-	41,372
		Science	43.001		University of Colorado Boulder	1560248 / P01001456426	-	86,310
		Science	43.001		University of Colorado Boulder	1560402 / PO 1001478885	-	55,804
		Science	43.001		University of Texas at Austin	UTA20-000752	-	73,914
		Science	43.001		University of Washington	UWSC10734/BPO 34586	-	-10,878
		Science	43.001		WGBH Educational Foundation	K192542	-	-32
		Science	43.001		Woods Hole Oceanographic Institution	A101346	-	24,009
		Science	43.001				387,217	4,604,190
		Science	43.001		Universities Space Research Association	05704-01 SUBK-21-TBD	-	32,853
		Space Operations	43.007				-	65,916
		Space Technology	43.012				-	95,760
	National Aeronautics and Space Administration Total						438,985	6,537,852
	National Science Foundation	Assignment of Dr. Robert Stone to the position of Division Director, Division of Civil, Mechanical and Manufacturing Innovation (CMMI), Directorate for Engineering (ENG)	47.U01				-	313,653
		Biological Sciences	47.074		Cold Spring Harbor Lab	52930113///513/517/PO920802-SV	-	0
		Biological Sciences	47.074		Cornell University	93000-20637	-	171,470
		Biological Sciences	47.074		Kansas State University	A00-0071-S010	-	19,555

Cluster	Federal Grantor	Program Title	Number	Identification	Pass-Through Entity	Pass-Through Identifying Number	to Subrecipients	Expenditures
		Biological Sciences	47.074		University of California Berkeley	10649	-	56,566
		Biological Sciences	47.074		University of California, Davis	A22-0743-S002	-	-3
		Biological Sciences	47.074		University of Florida	SUB00002556	-	16,248
		Biological Sciences	47.074		University of Minnesota - Twin Cities	H006143902	-	16,797
		Biological Sciences	47.074		University of Oregon	2010R0B	-	77,882
		Biological Sciences	47.074		Yale University	GR103815 (CON-80001381)	-	119,771
		Biological Sciences	47.074				288,473	6,817,284
		Biological Sciences	47.074		Sonoma State University	119957	-	7,408
		Biological Sciences	47.074		University of Tennessee	A21-0345-S002	-	1,722
		Computer and Information Science and Engineering	47.070		Georgia Regents University	AWD-002623-G2/2112633	-	24,475
		Computer and Information Science and Engineering	47.070		Portland State University	100013	-	18
		Computer and Information Science and Engineering	47.070		Portland State University	100218	-	7,618
		Computer and Information Science and Engineering	47.070		University of Colorado Boulder	1560280	-	7,035
		Computer and Information Science and Engineering	47.070				146,482	3,721,151
					American Mathematical Association of Two-Year Colleges	PS-4	-	1,600
		Education and Human Resources	47.076		Association of Science-Technology Centers	DRL-1612739	-	35,833
		Education and Human Resources	47.076		Astronomical Society of the Pacific	2018-03-76-OSU	-	29,135
		Education and Human Resources	47.076		Astronomical Society of the Pacific	2020-02-76-OSU	-	93,621
		Education and Human Resources	47.076		Bentley University	2303-02 / PO#106491	-	74,154
		Education and Human Resources	47.076		California State University, Long Beach	S232119100OSU	-	49,773
		Education and Human Resources	47.076		Gulf of Maine Research Institute	30-LVAISL-OSU	-	196,810
		Education and Human Resources	47.076		Knology	1612729	-	12,653
		Education and Human Resources	47.076		Northeastern University, Boston, MA	502780-78051	-	61,013
		Education and Human Resources	47.076		Portland State University	100188	-	52,434
		Education and Human Resources	47.076		Swinomish Indian Tribal Community	2019-2501	-	70,882
		Education and Human Resources	47.076		University of California Berkeley	9327	-	20,340
		Education and Human Resources	47.076		University of Georgia	SUB00002123	-	28,888
		Education and Human Resources	47.076		University of Utah	10051886-S3 / U000220351	-	47,881
		Education and Human Resources	47.076		University of Washington	UWSC11099/BPO39225	-	75,262
		Education and Human Resources	47.076		Washington State University	131202 G004099/SPC003074	-	2,720
		Education and Human Resources	47.076				388,427	4,176,145
		Education and Human Resources	47.076		Association of Children's Museums Inc	DRL-20005944	-	137,687
		Education and Human Resources	47.076		Teachers Development Group	206002-D	-	7,279
		Engineering Grants	47.041		Colorado State University	G-00973-1	-	31,043
		Engineering Grants	47.041		North Carolina State University	2020-2498-01	-	1,479
		Engineering Grants	47.041		University of California / San Diego	129207183/S9002586	-	103,163
		Engineering Grants	47.041		University of Colorado Boulder	1558570 \ PO1001272371	-	40,991
		Engineering Grants	47.041		University of Washington	UWSC8669/BPO 10063	-	-211
		Engineering Grants	47.041		University of Washington	UWSC9420/BPO 18494	-	11,988
		Engineering Grants	47.041		University of Washington	UWSC12170/BPO50997	-	191,782
		Engineering Grants	47.041		University of Washington	UWSC13132/BPO 59774	-	6,081
		Engineering Grants	47.041		Washington State University	140486 SPC003553	-	2,652
		Engineering Grants	47.041				153,101	4,939,786
		Engineering Grants	47.041		Virginia Tech	479556-19201	-	49,694
		Engineering Grants	47.041		Grothuss Inc	2021-2012221	-	-6,058
		Engineering Grants	47.041		American Society for Engineering Education	769-2054	-	93,451
		Engineering Grants	47.041		Florida International University	59	-	7,755
		Geosciences	47.050		Colorado School of Mines	401574-5805	-	5,844
		Geosciences	47.050		Columbia University	6 (GG009393)	-	33,683
		Geosciences	47.050		Columbia University	6E(GG009393-04)/SAPO G14696	-	25,944
		Geosciences	47.050		Columbia University	6B(GG009393)/PO G10252	-	4,791
		Geosciences	47.050		Columbia University	6D(GG009393) PO G14696	-	14,526
		Geosciences	47.050		Columbia University	6F (GG009393-04) SAPO G14696	-	10,505
		Geosciences	47.050		Columbia University	1450528 SAPO G14696	-	26,121
		Geosciences	47.050		Texas A & M University	M2103411-28-520040-00005	-	1,821
		Geosciences	47.050		University of Alaska - Fairbanks	UAF 20-0026 / PO539124	-	21,466
		Geosciences	47.050		University of Alaska - Fairbanks	UAF 18-0071 / P0521787	-	24,594
		Geosciences	47.050		University of California at Santa Cruz	A17-0931-S001-P0690785	-	72,396
		Geosciences	47.050		University of Colorado Boulder	1560131	-	30,726
		Geosciences	47.050		University of Hawaii	MA 1390 /PO# Z10181865	-	78,352
		Geosciences	47.050		University of Texas at Austin	UTA17-000311	-	140,096
		Geosciences	47.050		University of Washington	UWSC13494 / BPO 63134	-	27,229
		Geosciences	47.050		Woods Hole Oceanographic Institution	A101404 OCE-1743430 (CA)	-	7,425,068
		Geosciences	47.050		Woods Hole Oceanographic Institution	A101490	-	95,845
		Geosciences	47.050		Woods Hole Oceanographic Institution	A101407 OCE-1743430 (CA)	-	797,581
		Geosciences	47.050				1,094,491	45,323,391
		Geosciences	47.050		Desert Research Institute	GR12553	-	1,417
		Geosciences	47.050		National Center for Atmospheric Research	SUBAWD003064	-	74,000
		Geosciences	47.050		Sitka Sound Science Center	2022OSU-1	-	13,083
		IPA Agreement for Dr. Lockwood's Rotation at NSF	47.U02				-	144,119
		IPA Agreement Peszynska (DB 3251 CTW)	47.U03				-	51,404

Cluster	Federal Grantor	Program Title	Number	Identification	Pass-Through Entity	Pass-Through Identifying Number	to Subrecipients	Expenditures
		IPA as Office Head, Office of International Science and Engineering (OISE)	47.U04				-	273,692
		Julie Pett-Ridge IPA Agreement	47.U05				-	142,779
		Marinelli IPA: NSF Office of Polar Programs Office Director 8/2/21 - 2/1/23	47.U06				-	324,275
		Mathematical and Physical Sciences	47.049		American Physical Society	EP3-003-2018	-	36,434
		Mathematical and Physical Sciences	47.049		University of Wisconsin-Milwaukee	193405413	-	39,445
		Mathematical and Physical Sciences	47.049				1,386,332	3,702,605
		Office of Integrative Activities	47.083		University of Missouri	C00060846-3	-	35,168
		Office of Integrative Activities	47.083				85,609	729,147
		Polar Programs	47.078		University of California / San Diego	KR 703915	-	385,535
		Polar Programs	47.078				693,291	2,683,430
		Social, Behavioral, and Economic Sciences	47.075				45,191	251,618
		Social, Behavioral, and Economic Sciences	47.075		University of Arkansas	UA2020-131	-	9,733
	<i>National Science Foundation Total</i>						4,281,397	85,084,219
	Nuclear Regulatory Commission	U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	77.008				-	272,829
	Department of State	International Programs to Combat Human Trafficking	19.019		University of Georgia	SUB00002269	-	51,617
		Public Diplomacy Programs	19.040		American Councils for International Education	Not Available	-	1,400
	<i>Department of State Total</i>						-	53,017
	United States Institute of Peace	Priority Grant Competition	91.005				17,441	24,538
	Executive Office of the President	Research and Data Analysis	95.007		University of Maryland, Baltimore	10	-	9,500
	Total Research and Development Cluster						22,613,016	236,852,017
Childcare and Development Fund	Department of Health and Human Services	Child Care and Development Block Grant	93.575		Oregon Dept of Education	10854	-	202,772
		Child Care and Development Block Grant	93.575		Oregon Dept of Education	12343	-	-95
		Child Care and Development Block Grant	93.575		Oregon Dept of Education	14382	-	166,382
	Total Childcare and Development Fund						-	369,059
Child Nutrition	Department of Agriculture	National School Lunch Program	10.555		Oregon Dept of Education	14695	78,100	201,474
	Total Child Nutrition Cluster						78,100	201,474
Economic Development Cluster	Department of Commerce	Economic Adjustment Assistance	11.307		Port of Portland	Not Available	-	34,709
	Total Economic Development Cluster						-	34,709
Fish and Wildlife	Department of the Interior	Wildlife Restoration and Basic Hunter Education	15.611		Alaska Department of Fish and Game	CT 180009933	-	68,577
		Wildlife Restoration and Basic Hunter Education	15.611		Nevada Department of Wildlife	SG20-11	-	-114
		Wildlife Restoration and Basic Hunter Education	15.611		Oregon Dept of Fish & Wildlife	249-18	-	44,965
		Wildlife Restoration and Basic Hunter Education	15.611		Oregon Dept of Fish & Wildlife	250-20	-	140,288
		Wildlife Restoration and Basic Hunter Education	15.611		Oregon Dept of Fish & Wildlife	333-21	-	116,020
		Wildlife Restoration and Basic Hunter Education	15.611		Wyoming Game and Fish Department	3133	-	98
		Wildlife Restoration and Basic Hunter Education	15.611		Wyoming Game and Fish Department	3397	-	63,759
	Total Fish and Wildlife Cluster						-	433,593
Highway Planning and Construction	Department of Transportation	Highway Planning and Construction	20.205		Oregon Dept of Transportation	30530-19-01	13,245	84,334
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-02	-	997
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	34003	-	-1,087
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	31867-02	-	-2,586
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	30530-21-02	-	62,762
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	30530-21-06	-	85,678
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	30530-21-05	-	87,822
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	30530-21-04	-	26,988
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	RS-21-77-01	-	56,895
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	30530-21-07	-	58,647
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-04	-	7,208
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-06	-	64,059
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-05	-	177,504
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-07	-	55,299
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	31867-03	-	-119
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	34630	-	48,576
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-08	-	25,674
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-10	-	56,217
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-09	-	30,450
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	RS-22-77-01	-	170,701
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	33062-11	-	12,056

Cluster	Federal Grantor	Program Title	Number	Identification	Pass-Through Entity	Pass-Through Identifying Number	to Subrecipients	Expenditures
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	31867-06	-	40,403
		Highway Planning and Construction	20.205		Oregon Dept of Transportation	73000-00006647	-	2,177
		Highway Planning and Construction	20.205				-	108,123
		Recreational Trails Program	20.219		Oregon Dept of Parks & Recreation	RT19-015	-	14,488
Total Highway Planning and Construction Cluster							13,245	1,273,266
Medicaid	Department of Health and Human Services	Medical Assistance Program	93.778		Oregon Health Authority	159940	-	1,574,605
Total Medicaid Cluster							-	1,574,605
SNAP	Department of Agriculture	State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	10.561		Oregon Department of Human Services	152303	16,976	6,578,229
		State Administrative Matching Grants for the Supplemental Nutrition Assistance Program	10.561		Oregon Department of Human Services	158399	-	30,577
Total SNAP Cluster							16,976	6,608,806
TRIO	Department of Education	TRIO_Student Support Services	84.042				-	725,079
		TRIO_Upward Bound	84.047				-	365,734
Total TRIO Cluster							-	1,090,813
Other	Department of Agriculture	Acer Access Development Program	10.174				-	169,576
		Agricultural Research_Basic and Applied Research	10.001		USDA - Ag Research Service	59-5090-8-001	-	1,777
		Agricultural Research_Basic and Applied Research	10.001				-	12,351
		Agriculture and Food Research Initiative (AFRI)	10.310		National 4-H Council	OSU_2022-67037-36130	-	14,771
		Agriculture and Food Research Initiative (AFRI)	10.310		University of Idaho	AW4175-826719	-	9,513
		Agriculture and Food Research Initiative (AFRI)	10.310				12,000	824,323
		Beginning Farmer and Rancher Development Program	10.311				41,230	97,527
		Bridging the Gaps: Enhancing Organic Programs in Postsecondary Education to Expand and Diversify the Certification Workforce Pipeline	10.U01		Oregon Tilth	2022-3548	-	3,210
		Child and Adult Care Food Program	10.558		Oregon Dept of Education	02-15002	-	18,937
		Cooperative Extension Service	10.500		eXtension Foundation	NTAE-2020-2102	-	3,662
		Cooperative Extension Service	10.500		eXtension Foundation	NTAE-2020-2104	-	9,031
		Cooperative Extension Service	10.500		Kansas State University	A00-0983-S076	-	12
		Cooperative Extension Service	10.500		Kansas State University	A00-0983-S059	-	3,860
		Cooperative Extension Service	10.500		Kansas State University	A22-0394-S023	-	265
		Cooperative Extension Service	10.500		Oregon Dept of Agriculture	ODA-4308-A	-	61,088
		Cooperative Extension Service	10.500		Washington State University	134194-G004172	1,340	8,022
		Cooperative Extension Service	10.500		Washington State University	134194-SPC002655	-	22,372
		Cooperative Extension Service	10.500		Washington State University	134194-SPC002607	-	31,657
		Cooperative Extension Service	10.500				-	4,897,037
		Cooperative Forestry Assistance	10.664		U.S. Endowment for Forestry & Communities, Inc.	E19-64	-	9,188
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Natural Resources	SA18-4060-01	-	41,586
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Natural Resources	SA18-4060-16	-	3,476
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Natural Resources	SA18-4060-26	858	12,739
		Crop Protection and Pest Management Competitive Grants Program	10.329		University of California Agriculture & Natural Resources	SA18-4060-43	-	7,348
		Crop Protection and Pest Management Competitive Grants Program	10.329				-	193,119
		Enhancing Agricultural Opportunities for Military Veterans Competitive Grants Program	10.334		Rogue Farm Corps	2021-1765	-	7,528
		Extension Collaborative on Immunization Teaching & Engagement	10.229		eXtension Foundation	EXC1-2021-2058	-	21,695
		Extension Collaborative on Immunization Teaching & Engagement	10.229		eXtension Foundation	EXC2-2021-2109	-	74,329
		Farm and Ranch Stress Assistance Network Competitive Grants Program	10.525		Washington State University	137288-SPC002469	-	31,972
		Farmers Market and Local Food Promotion Program	10.175				-	45,324
		Farmers Market Promotion Program	10.168		Oregon Farmers Market Association	2019-1526	-	9,209
		Forest vegetation mapping and analyses to support forest resource management and monitoring	10.U02				-	29,061
		Growing Forestry Capacity in Peru	10.U03				-	328,201
		Higher Education - Multicultural Scholars Grant Program	10.220				-	52,740
		Higher Education Graduate Fellowships Grant Program	10.210				-	25,023
		Homeland Security Agricultural	10.304		University of California, Davis	A22-1782-S008	-	464
		Inner City Youth Institute	10.U04				-	17,083
		Integrated Programs	10.303		University of Georgia	SUB00002199	-	1,369
		Integrated Programs	10.303				-	31,956
		International Forestry Programs	10.684				-	9,777
		Klamath County School District Farm-to-School: Feeding our Students, Farmers and Economy	10.U05		Klamath County School District	Not Available	-	8,304
		Landscape Scale Restoration (LSR) Forestry Education	10.U06		Oregon Dept of Forestry	18-DG-11062765-715	-	11,112
		Meat and Poultry Processing Capacity - Technical Assistance	10.184				-	19,766

Cluster	Federal Grantor	Program Title	Number	Identification	Pass-Through Entity	Pass-Through Identifying Number	to Subrecipients	Expenditures
		National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328		Cornell University	139230-21173	-	6,648
		National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program	10.328				61,519	229,291
		New Beginnings for Tribal Students	10.527				32,033	98,418
		Niche Meat Processor Assistance Network (NMPAN)	10.U07				-	-7
		Northwest Fire Science Consortium	10.U08				-	89,026
		Oregon Forest Pest Detector	10.U09		Oregon Dept of Forestry	2016-1951	-	-723
		Organic Agriculture Research and Extension Initiative	10.307		Clemson University	2049-207-2012799	-	18,784
		Organic Agriculture Research and Extension Initiative	10.307		Cornell University	92406-20530	-	35,099
		Organic Agriculture Research and Extension Initiative	10.307		Montana State University	G211-19-W7408	-	9,951
		Organic Agriculture Research and Extension Initiative	10.307		Pennsylvania State University	S002068-USDA	-	11,594
		Organic Agriculture Research and Extension Initiative	10.307		Tuskegee University	22091 410 76190	-	1,318
		Organic Agriculture Research and Extension Initiative	10.307		University of Illinois, Urbana-Champaign	088736-16613	-	13,418
		Organic Agriculture Research and Extension Initiative	10.307		University of Minnesota	H007332401	-	6,230
		Organic Agriculture Research and Extension Initiative	10.307		University of Wisconsin - Madison	995	-	12,191
		Organic Agriculture Research and Extension Initiative	10.307		USDA - Ag Research Service	59-5090-1-005	-	4,104
		Organic Agriculture Research and Extension Initiative	10.307		Utah State University	201160-457	-	1,414
		Organic Agriculture Research and Extension Initiative	10.307				-	20,776
		Organic Agriculture Research and Extension Initiative	10.307		The Organic Center for Education & Promotion	20-0958	-	5,378
		Organic Agriculture Research and Extension Initiative	10.307		North Dakota State University	FAR0035169	-	9,901
		Plant and Animal Disease, Pest Control, and Animal Care	10.025				-	218,216
		Regional Food System Partnerships	10.177				-	28,934
		Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants	10.226				6,731	15,397
		Soil and Water Conservation	10.902				-	70,412
		Specialty Crop Research Initiative	10.309		Virginia Tech	423537-19201	-	14,979
		Sustainable Agriculture Research and Education	10.215		Montana State University	G335-20-W7899	9,595	153,489
		Sustainable Agriculture Research and Education	10.215		Montana State University	G243-20-W7506	-	70
		Sustainable Agriculture Research and Education	10.215		Montana State University	G283-21-W7905	25,773	28,636
		Sustainable Agriculture Research and Education	10.215		Montana State University	G242-22-W8612	-	12,169
		Sustainable Agriculture Research and Education	10.215		Montana State University	G259-22-W7905	78	87
		Sustainable Agriculture Research and Education	10.215		University of Idaho	AT4151-SB-768892	-	3,768
		Sustainable Agriculture Research and Education	10.215		Utah State University	201207-584	-	5,668
		Sustainable Agriculture Research and Education	10.215		Washington State University	135424 SPC002827	-	4,625
		Technical Agricultural Assistance	10.960		University of Missouri	C00076345-1	-	25,652
		Technical Agricultural Assistance	10.960				-	11,003
		Update of the Forest Landowner's Guide to the Federal Income Tax and creation of complementary outreach materials	10.U10				-	828
		Wood Utilization Assistance	10.674				-	90,594
	Department of Agriculture Total						191,157	8,438,698
	Department of Commerce	Cluster Grants	11.020				75,025	141,583
		Coastal Zone Management Administration Awards	11.419		Oregon Dept of Land Conservation & Development	PS21003	-	18,026
		External Coordinator for the Center for Independent Experts	11.U01		NTVI Communications, Inc.	80011.0025 - OSU-01	-	22,995
		Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program	11.427				-	123,468
		Marine Sanctuary Program	11.429				-	4,752
		NOAA NEWPORT OPERATION AND MAINTENANCE	11.U02				-	913,979
		NOAA OER IPA Agreement for Dr. Stephen Hammond	11.U03				-	205,468
		Sea Grant Support	11.417		University of Alaska - Fairbanks	UA 21-0022	-	7,361
		Sea Grant Support	11.417		University of Washington	UWSC11591 / BPO44969	-	146,597
		Sea Grant Support	11.417				-	314,033
		Treeline-Resilient PNW Riparian Climate Corridors	11.U04		Bonneville Environmental Foundation	MG-10788	-	1
	Department of Commerce Total						75,025	1,898,263
	Department of Defense	2021 Master Time Charter Agreement - Oceanus Ship Time	12.U01		NewFields Government Services LLC	2022-2439	-	564,097
		Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studies	12.610		Oregon Dept of Energy	19-075	-	85,908
		Participation in the Pacific Navy Marine Species Monitoring Program Review Meeting	12.U02		HDR One Company	1.0003E+12	-	9,924
		Stochastic Climate Simulator for coastal Storm Damage Reduction	12.U03				-	74,682
	Department of Defense Total						-	734,611
	Department of Education	Education Stabilization Fund - Governor's Emergency Education Relief Fund	84.425	COVID-19, 84.425C	Higher Education Coordinating Commission	21-059C	-	114,754
		Education Stabilization Fund - Governor's Emergency Education Relief Fund	84.425	COVID-19, 84.425C	Higher Education Coordinating Commission	20-074C	-	399,923
		Education Stabilization Fund - Governor's Emergency Education Relief Fund	84.425	COVID-19, 84.425C	Higher Education Coordinating Commission	20-075C	-	126,210
		Education Stabilization Fund - Student Financial Aid	84.425	COVID-19, 84.425E			-	23,797,683
		Education Stabilization Fund - Institutional Support	84.425	COVID-19, 84.425F			-	22,299,308
		Education Stabilization Fund - Strengthening Institutions Program (SIP)	84.425	COVID-19, 84.425M			-	119,453
		Gaining Early Awareness and Readiness for Undergraduate Programs	84.334				824,073	1,771,066
		Migrant Education College Assistance Migrant Program	84.149				-	512,976
		Migrant Education High School Equivalency Program	84.141				-	60,833
		Migrant Education State Grant Program	84.011		Oregon Dept of Education	15215	-	98,291

Cluster	Federal Grantor	Program Title	Number	Identification	Pass-Through Entity	Pass-Through Identifying Number	to Subrecipients	Expenditures
	Department of Education Total	Student Support and Academic Enrichment Program	84.424		Oregon Dept of Education	21926	-	23,426
							824,073	49,323,923
	Department of Energy	2021 Marine Energy Collegiate Competition	81.U01		DOE National Renewable Energy Lab	SUB-2021-10527	-	1,562
		Better Scientific Software Fellowship	81.U02		DOE Oak Ridge National Laboratory	4000168106	-	-1,709
		Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance	81.117				-	61,625
		Industrial Walk Through Checklist and Reference	81.U03				-	32,251
		Joint Appointment for Prof Heidi Schellman	81.U04		Fermi National Accelerator Laboratory	PO 663188	-	53,462
		Nuclear Energy Research, Development and Demonstration	81.121				-	68,286
		Renewable Energy Research and Development	81.087		Pacific Ocean Energy Trust	TEAMER.TB.OSU	-	15,120
		Renewable Energy Research and Development	81.087		University of California, Los Angeles	4550 G WA295	-	61,467
	Department of Energy Total	Robertson Joint Appointment Agreement	81.U05		DOE Pacific Northwest National Lab	445770-497586	-	3,517
							-	295,581
	Department of Health and Human Services	2021 Communities Talk: Town Hall Meetings to Prevent Underage Drinking initiative	93.U01				-	40
		Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)	93.323		Oregon Health Authority	166591	-	22,927
		Every Student Succeeds Act/Preschool Development Grants	93.434		Oregon Dept of Education	14438	-	165,056
		Every Student Succeeds Act/Preschool Development Grants	93.434		Portland State University	100207	-	11,625
		Intergovernmental Personnel Act - Angee Doerr - 201PA2014099	93.U02				-	13,573
		Opioid STR	93.788		Oregon Health & Science University	101968_OSU	-	8,238
		Substance Abuse and Mental Health Services Projects of Regional and National Significance	93.243				-	93,283
	<i>Department of Health and Human Services Total</i>						-	314,742
	Department of Housing and Urban Development	Community Development Block Grants/State's program and Non-Entitlement Grants in Hawai	14.228		Marion County Health & Human Services	2021-006270	-	47,000
	<i>Department of Justice</i>	Juvenile Mentoring Program	16.726		National 4-H Council	4H NMP10	-	-1,261
		Juvenile Mentoring Program	16.726		National 4-H Council	4HNMP10	-	7,335
		Juvenile Mentoring Program	16.726		National 4-H Council	4HNMP11	-	77,468
	<i>Department of Justice Total</i>						-	83,542
	Department of State	Global Partnership for building sustainable cooperation on shared water	19.U01		International Union for Conservation of Nature	ACCH-00905/P03694	-	56,483
		Public Diplomacy Programs	19.040				-	18,074
	Department of State Total						-	74,557
	Department of the Interior	Clean Vessel Act	15.616				-	103,774
		Continued Computer Support for High Resolution Regional Climate Data	15.U01				-	171
		Indian Water Rights Settlements Negotiation and Conflict Resolution Training	15.U02				-	22,994
		Secure Rural Schools and Community Self-Determination	15.234				-	6,019
		U.S. Geological Survey, Research and Data Collection	15.808				-	332,630
		USGS IPA Cascadia2021 seismic imaging	15.U03				-	15,000
	Department of the Interior Total						-	480,588
	Department of the Treasury	Coronavirus Relief Fund	21.019		YMCA of Columbia Willamette	2021-2247	-	-104
		Coronavirus Relief Fund	21.019		Tillamook County	2629	-	8684
		Coronavirus State and Local Fiscal Recovery Funds	21.027		Deschutes County	2021-983	-	18392
		Volunteer Income Tax Assistance (VITA) Matching Grant Program	21.009				-	1,197
	Department of the Treasury Total						-	38,169
	Department of Transportation	FHWA Every Day Counts 5 (EDC5) Unmanned Aerial Systems	20.U01		WSP USA Inc	182858	-	48,670
		Highway Training and Education	20.215				-	4,712
		NCHRP Synthesis 20-05/Topic 52-04: Use of Unmanned Aircraft Systems for Departments of Transportation	20.U02		National Academy of Sciences	HR 20-05(52-04) PO#SUB1655-905	18,709	42,395
		University Transportation Centers Program	20.701		University of Washington	UWSC10006/BPO26179	-	141,365
		University Transportation Centers Program	20.701		University of Washington	UWSC10011/BPO26198	-	63,959
	Department of Transportation Total						18,709	301,101
	Department of Veterans Affairs	IIR 17-039 Improving Veteran Health by Increasing Dental Stewardship of Antibiotics and Opioids	64.U01				-	20,522
	Environmental Protection Agency	Indigenous Voices in Natural Resources Education	66.U01		Sustainable Forestry Initiative inc	2021 SFI Education Grant Pgm	-	5,299
		Investigating Climate & Wildlife with a Trauma Informed Approach	66.U02		Association of Fish and Wildlife Agencies	Not Available	-	3,992
		National Estuary Program	66.456		Puget Sound Partnership	2022-17	-	103,846
		Nonpoint Source Implementation Grants	66.460		Oregon Dept of Environmental Quality	128-20	-	13,535
		Oregon 2021 ee360	66.U03		Sustainable Forestry Initiative inc	PLT/ee360 Initiative	-	7,949
		Pollution Prevention Grants Program	66.708		Oregon Dept of Environmental Quality	126-21	-	105,954
		Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies	66.716		University of California, Davis	201600040-01/A16-0211-S001-A05	-	121,623
		Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies	66.716		University of California, Davis	A18-0208-S001-A04	-	57,233
		Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies	66.716		University of California, Davis	A22-0127-S007	-	61,907

Cluster	Federal Grantor	Program Title	Number	Identification	Pass-Through Entity	Pass-Through Identifying Number	to Subrecipients	Expenditures
		Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies	66.716				51,799	1,049,835
	Environmental Protection Agency Total						51,799	1,531,173
	Institute of Museum and Library Services	National Leadership Grants	45.312		University of Oregon	239720A	-	-17,512
	<i>National Aeronautics and Space Administration</i>	Education	43.008				166,479	666,375
		Science	43.001		Jet Propulsion Lab	1669042	-	57,556
		Science	43.001				-	42,950
	National Aeronautics and Space Administration Total						166,479	766,881
Total Other Cluster							1,327,242	64,331,839
Total Federal Expenditures							24,048,579	493,483,904

**OREGON STATE UNIVERSITY
NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
YEAR ENDED JUNE 30, 2022**

NOTE 1 BASIS OF PRESENTATION

The accompanying schedule of expenditures of federal awards (the Schedule) includes the federal award activity of Oregon State University under programs of the federal government of the year ended June 30, 2022. The information in this Schedule is presented in accordance with the requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Because the Schedule presents only a selected portion of the operations of Oregon State University, it is not intended to and does not present the financial position, changes in net position, or cash flows of Oregon State University.

NOTE 2 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Expenditures reported on the Schedule are reported on the accrual basis of accounting. Such expenditures are recognized following the cost principles contained in the Uniform Guidance, wherein certain types of expenditures are not allowable or are limited as to reimbursement. Negative amounts shown on the Schedule, if any, represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. Oregon State University has elected not to use the 10-percent de minimis indirect cost rate allowed under the Uniform Guidance.

NOTE 3 FEDERAL STUDENT LOAN PROGRAMS

The federal student loan program listed subsequently is administered directly by Oregon State University, and balances and transactions relating to these programs are included in Oregon State University's basic financial statements. Loans outstanding at the beginning of the year and loans made during the year are included in the federal expenditures presented in the Schedule. The balance of loans outstanding at June 30, 2022, consists of:

<u>Program Title</u>	<u>CFDA Number</u>	<u>Amount Outstanding</u>
Perkins Loans	84.038	\$10,889,000

**OREGON STATE UNIVERSITY
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
FOR THE YEAR ENDED JUNE 30, 2022**

Section I – Summary of Auditors’ Results

Financial Statements

1. Type of auditors’ report issued: Unmodified
2. Internal control over financial reporting:
- Material weakness(es) identified? yes no
 - Significant deficiency(ies) identified? yes none reported
3. Noncompliance material to financial statements noted? yes no

Federal Awards

1. Internal control over major federal programs:
- Material weakness(es) identified? yes no
 - Significant deficiency(ies) identified? yes none reported
2. Type of auditors’ report issued on Compliance for major federal programs: Unmodified
3. Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)? yes no

Identification of Major Federal Programs

CFDA Number(s)	Name of Federal Program or Cluster
Various	Student Financial Assistance Cluster
84.425E, 84.425F, 84.425C, 84.425M	COVID-19 – Education Stabilization Fund

Dollar threshold used to distinguish between Type A and Type B programs: \$3,000,000

Auditee qualified as low-risk auditee? yes no

**OREGON STATE UNIVERSITY
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
FOR THE YEAR ENDED JUNE 30, 2022**

Section II – Financial Statement Findings

Our audit did not disclose any matters required to be reported in accordance with *Generally Accepted Governmental Auditing Standards*.

Section III – Findings and Questioned Costs – Major Federal Programs

2022-001: Reporting

Federal Agency: Department of Education

Federal Program: Educational Stabilization Fund

Assistance Listing Numbers:

84.425F – Higher Education Emergency Relief Fund (HEERF) Institutional Portion

84.425E – Higher Education Emergency Relief Fund Student Aid Portion

Federal Award Identification Number: P425E200843, P425F203861

Award Period: April 21, 2020 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matter

Criteria or Specific Requirement: The Code of Federal Regulations, 2 CFR 200.303, non-Federal entities receiving Federal awards are required to establish and maintain internal controls designed to reasonably ensure compliance with federal laws, regulations and program compliance requirements. There are three components to reporting for Higher Education Emergency Relief Funds (HEERF): 1) public reporting on the (a)(1) Student Aid Portion; 2) public reporting on the (a)(1) Institutional Portion (a)(2) and (a)(3) subprograms (Quarterly Reporting Form), as applicable; and 3) the annual report. The CARES Act 18004(e) and the CRRSAA 314(e) requires an institution receiving funds under HEERF I and HEERF II to submit a report to the secretary, at such time in such a manner as the secretary may require. While ARP does not explicitly identify procedures by which institutions must report on their uses of HEERF grant funds, the Department of Education exercises this reporting authority under 2 CFR section 200.328 and 2 CFR section 200.329.

Specific to the quarterly reports, institutions are required to post two separate reports (institutional and student) for each quarter, including the quarterly reports from previous quarters. Quarterly reports should appear on the institution's website as separate documents by quarter and should not be cumulative.

Condition: The University is not in compliance with Student Aid quarterly reporting requirements for HEERF.

Questioned Costs: None

Context: We tested two of the four required Student Aid Quarterly Reports. While management was able to provide "look back" reports for our testing, and we concluded the reports tested were completed accurately and timely, we noted that the Student Aid Quarterly Reports were not being maintained on the University's website as required. We did note that the Institutional Quarterly Reports were being maintained on the Institution's website as required.

**OREGON STATE UNIVERSITY
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
FOR THE YEAR ENDED JUNE 30, 2022**

Section III – Findings and Questioned Costs – Major Federal Programs (Continued)

2022-001: Reporting (Continued)

Cause: The University was not aware that the Student Aid Quarterly Reports were required to be maintained on the University’s website.

Effect: The University was not in compliance with requirement to maintain Student Aid Quarterly Reports on the University’s website.

Repeat Finding: No

Recommendation: We recommend that the University post and maintain the Student Aid Quarterly reports on the University’s website, as required. In addition, in order to prevent similar instances in the future, we recommend the University ensure interpretation of guidance is accurate through the use of trainings, consultations, and direct correspondence with the regulatory agency, when necessary, to ensure full understanding of reporting requirements.

View of Responsible Official: The University agrees with the finding.

Section IV – Prior Year Findings

FINDINGS—FINANCIAL STATEMENT AUDIT

There were no financial statement findings in the prior year.

FINDINGS— FEDERAL AWARD PROGRAMS AUDITS

2021 – 001 Gramm-Leach-Bliley Act Requirements

Federal Agency: Department of Education

Federal Program: Student Financial Assistance Cluster

Award Period: July 1, 2020 to June 30, 2021

Type of Finding:

- Significant Deficiency in Internal Control over Compliance
- Compliance, Other Matter

Criteria or Specific Requirement: The Gramm-Leach-Bliley Act (GLBA) (Public Law 106-102) requires financial institutions to explain their information-sharing practices to their customers and to safeguard sensitive data. (16 CFR 314) The Federal Trade Commission considers Title IV-eligible institutions that participate in Title IV Educational Assistance Programs as “financial institutions” and subject to the Gramm-Leach-Bliley Act (16 CFR 313.3(k)(2)(vi).

Under an institution’s Program Participation Agreement with the Department of Education and the Gramm-Leach-Bliley Act, schools must protect student financial aid information, with particular attention to information provided to institutions by the Department or otherwise obtained in support of the administration of the federal student financial aid programs. Requirements of the Act include:

- Institution has designated an individual to coordinate the information security program;
- Institution has performed a risk assessment that addresses the three required areas noted in 16 CFR 314.4(b), which are (1) Employee training and management; (2) Information systems, including network and software design, as well as information processing, storage, transmission and disposal; and (3) Detecting, preventing and responding to attacks, intrusions, or other systems failures; and
- Institution has documented a safeguard for each risk identified above.

Condition: While the University had certain security controls in place, a formal risk assessment in compliance with the Act was not performed by the University.

Status: This item is considered resolved.

2021-002: Subrecipient Monitoring

Federal Agency: Department of Education

Federal Program: Gaining Early Awareness and Readiness for Undergraduate Programs

Assistance Listing Number: 84.334

Award Period: July 1, 2020 to June 30, 2021

Type of Finding:

- Significant Deficiency in Internal Control over Compliance
- Compliance, Other Matter

Criteria or Specific Requirement: According to 2 CFR Part 200, Subpart D, Section 200.332, pass-through entities are required to perform certain subrecipient monitoring procedures. These procedures include providing the subrecipient necessary award information so that the federal award is used in accordance with federal regulations, evaluating risks of noncompliance of subrecipients, implementing monitoring procedures based upon identified risks, and obtaining a copy of the subrecipients' annual audit and taking appropriate action on deficiencies detected through the audits, just to name a few. Lastly, in accordance with 2 CFR Title 2, Subtitle A, Chapter 2, Part 200, Subpart D, 200.303, the non-federal entity must establish and maintain effective internal controls over the federal award to provide reasonable assurance that the non-federal entity is manager the award in compliance with federal regulations.

Condition: The University did not verify whether the subject subrecipients received a required annual audit under 2 CFR Part 200. By not verifying and obtaining a copy of the most recent audit of the subrecipients, the University was unaware if any University enforcement action against noncompliant subrecipients should occur.

Status: This item is considered resolved.



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Department of Health and Human Services

Oregon State University respectfully submits the following corrective action plan for the year ended June 30, 2022.

Audit period: July 1, 2021 – June 30, 2022

FINDINGS—FINANCIAL STATEMENT AUDIT

Our audit did not disclose any findings required to be reported in accordance with Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance) or with *Generally Accepted Governmental Auditing Standards*.

FINDINGS—FEDERAL AWARD PROGRAMS AUDITS

2022-001: REPORTING

Federal Agency: Department of Education

Federal Program: Educational Stabilization Fund

ASSISTANCE LISTING Numbers:

84.425F – Higher Education Emergency Relief Fund (HEERF) Institutional Portion

84.425E – Higher Education Emergency Relief Fund Student Aid Portion

Award Period: April 21, 2020 – June 30, 2022

Type of Finding: Significant Deficiency in Internal Control over Compliance, Other Matter

Recommendation: We recommend that the University post and maintain the Student Aid Quarterly reports on the University's website, as required. In addition, in order to prevent similar instances in the future, we recommend the University ensure interpretation of guidance is accurate through use of trainings, consultations and direct correspondence with the regulatory agency, when necessary, to ensure full understanding of reporting requirements.

Explanation of disagreement with audit finding: There is no disagreement with the audit finding.

Action taken in response to finding:

The university agrees. OSU reported the HEERF student aid portion quarterly on our reporting webpage. We initially interpreted the guidance to mean that at each quarter we should update the report the total student portion on the webpage to be cumulative and the previous quarter report was removed from the website. OUS will go back and report each quarter separately instead of as one aggregate total. We will post this data on the current reporting page by February 10, 2023.



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Name of the contact person responsible for corrective action:

Keith Raab, Director of Financial Aid

Planned completion date for corrective action plan:

February 10, 2023



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