UNIVERSITY OF ALASKA (A COMPONENT UNIT OF THE STATE OF ALASKA) SINGLE AUDIT REPORT FOR THE YEAR ENDED JUNE 30, 2023



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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 Regents University of Alaska Fairbanks, Alaska

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 discretely presented component unit of University of Alaska, collectively a component unit of the State of Alaska, as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise University of Alaska's basic financial statements, and have issued our report thereon dated October 20, 2023. The financial statements of the component unit are not audited in accordance *Government Auditing Standards*, and accordingly, this report does not include reporting on internal control over financial reporting or instances of reportable noncompliance associated with the component unit.

Report on Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered University of Alaska'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 University of Alaska's internal control. Accordingly, we do not express an opinion on the effectiveness of University of Alaska'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 entity'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 and therefore, material weaknesses or significant deficiencies may exist that were not identified. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. We identified certain deficiencies in internal control, described in the accompanying schedule of findings and questioned costs as items 2023-001 and 2023-002 that we consider to be significant deficiencies.

Report on Compliance and Other Matters

As part of obtaining reasonable assurance about whether University of Alaska'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*.

University of Alaska's Response to Findings

University of Alaska's response to the findings identified in our audit is described in the accompanying schedule of findings and questioned costs. University of Alaska's response was not subjected to the other auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on the response.

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 entity'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 entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

CliftonLarsonAllen LLP

Clifton Larson Allen LLP

St. Louis, Missouri October 20, 2023



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

Board of Regents University of Alaska Fairbanks, Alaska

Report on Compliance for Each Major Federal Program Opinion on Each Major Federal Program

We have audited University of Alaska's, a component unit of the State of Alaska, 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 University of Alaska's major federal programs for the year ended June 30, 2023. University of Alaska'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, University of Alaska 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, 2023.

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 University of Alaska 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 University of Alaska'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 of Alaska'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 University of Alaska'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 University of Alaska'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 University of Alaska'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 University of Alaska's internal 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 University of Alaska'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 instances of noncompliance, which are required to be reported in accordance with the Uniform Guidance and which are described in the accompanying schedule of findings and questioned costs as items 2023-003, 2023-004, 2023-005 and 2023-006. Our opinion on each major federal program is not modified with respect to these matters.

Government Auditing Standards requires the auditor to perform limited procedures on University of Alaska's response to the noncompliance findings identified in our compliance audit described in the accompanying schedule of findings and questioned costs. University of Alaska'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

Our consideration of internal control over compliance was for the limited purpose described in the Auditors' Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance and therefore, material weaknesses or significant deficiencies may exist that were not identified. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, as discussed below, we did identify certain deficiencies in internal control over compliance that we consider to be significant deficiencies.

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 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 deficiencies in internal control over compliance described in the accompanying schedule of findings and questioned costs as items 2023-003, 2023-004, 2023-005, and 2023-006, that we consider to be significant deficiencies.

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 University of Alaska's response to the internal control over compliance findings identified in our audit is described in the accompanying schedule of findings and questioned costs. University of Alaska's response was not subjected to the 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 discretely presented component unit of University of Alaska as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise University of Alaska's basic financial statements. We issued our report thereon dated October 20, 2023, 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

Clifton Larson Allen LLP

St. Louis, Missouri October 20, 2023

ral Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass- Through Identifying r Number	Program Title	Amounts Passed through to Subrecipients (\$)	Total Federal Expenditures (S
ent Financial Assistance Cluster				(v)	
Department of Education		W0000000	The last state of the state of		
Direct	84.007	E00001020	Federal Supplemental Educational Opportunity Grants		- 265,0
Direct Direct	84.007 84.007	G00013417	Federal Supplemental Educational Opportunity Grants Federal Supplemental Educational Opportunity Grants		- 99,
Direct	84.007	G00014841 G00014843	Federal Supplemental Educational Opportunity Grants		- 110,9 - 313,9
Direct	84.007	G00014843 G00014914	Federal Supplemental Educational Opportunity Grants		- 48,
Direct	84.033	E00001033	Federal Work-Study Program		-
Direct	84.033	E00001040	Federal Work-Study Program		- 306,2
Direct	84.033	G00014173	Federal Work-Study Program		- 158,
Direct	84.033	G00014911	Federal Work-Study Program		- 59,
Direct	84.063	E00001019	Federal Pell Grant Program		- 5,816,
Direct	84.063	G00014183	Federal Pell Grant Program		- 3,
Direct	84.063	G00014842	Federal Pell Grant Program		- 9,072,
Direct	84.063	G00014910	Federal Pell Grant Program		- 1,120,
Direct	84.268		Federal Direct Student Loan		- 28,005,
Direct	84.379	G00014909	Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)		- 17,
Department of Education Total	64.379	G00014909	Education Grants (TEACTI Grants)		- 45,398,
- 4y					75,550,
l Student Financial Assistance Cluster					- 45,398,
arch and Development Cluster					
Department of Agriculture					
Direct	10.000	G00012882	Alaska Coastal Rainforest Center Director Support		- 38,9
			-		
			Exploring the Effects of COVID-19 on Rural Community		
Direct	10.000	G00013484	Health and Economic Well-being in Southeast Alaska		-
			Linking the source and fate of soil carbon and Fe in coastal		
Direct	10.000	G00013518	temperate rainforest watersheds		- 51,
			Social-ecological calendars to inform climate change		
w	40.000		adaptations for subsistence and recreational forest use in		
Direct	10.000	G00013783	southcentral Alaska		- 19,
			From Forest to Ocean: how will hydrologic regime shifts of		
			forest streams influence delivery of nutrients, organic matter,		
Direct	10.000	G00014063	and organisms to southeast Alaska nearshore ecosystems?		- 34.
			Forests, Fish, and People: Quantifying Sport, Personal Use		
			and Subsistence Harvest of Salmon from the Tongass and		
Direct	10.000	G00014083	Chugach National Forests		- 22,
			Invasive Plants and Wildfire in Boreal Forests of Alaska:		
Direct	10.000	G00014992	State of Science Project		- 75,
			Development and maintenance of training resources for		
			National Wildland Fire Coordinating Group Fire Behavior		
Direct	10.000	G00015065	Subcommittee		- 19,
Direct	10.000	G00015114	Chugach National Forest Revegetation Guide		- 1,
Direct	10.001	G00014134	Agricultural Research Basic and Applied Research		- 505,
701	10.025	000013375	N . 14 ' 18'		
Direct	10.025	G00013375	Plant and Animal Disease, Pest Control, and Animal Care		- 14,
Direct	10.025	G00014262	Plant and Animal Disease, Pest Control, and Animal Care		- 36.
Direct	10.025	G00014342	Plant and Animal Disease, Pest Control, and Animal Care		- 11,
Direct	10.025	G00015052	Plant and Animal Disease, Pest Control, and Animal Care		- 17,
Direct	10.025	G00015053	Plant and Animal Disease, Pest Control, and Animal Care		- 8
Direct	10.072	G00015210	Wetlands Reserve Program		- 24
AK Division of Agriculture	10.170	200000574	Specialty Crop Block Grant Program - Farm Bill		-
AK Division of Agriculture	10.170	AM190100XXXXG046	Specialty Crop Block Grant Program - Farm Bill		- 4
AK Division of Agriculture	10.170	SCBGA21 HPP PROC	Specialty Crop Block Grant Program - Farm Bill		- 4
Direct	10.202	G00013281	Cooperative Forestry Research		- 206
Direct	10.202	G00015000	Cooperative Forestry Research		- 329
			Payments to Agricultural Experiment Stations Under the		
Direct	10.203	G00013779	Hatch Act		- 233
Direct	10.203	G00013960	Payments to Agricultural Experiment Stations Under the Hatch Act		- 132
Direct	10.203	G00014781	Payments to Agricultural Experiment Stations Under the Hatch Act		- 798
Bitet	10.203	000014781	Payments to Agricultural Experiment Stations Under the		- //0
Direct	10.203	G00014823	Hatch Act		- 29
Montana State University	10.215	G178-19-W7506	Sustainable Agriculture Research and Education		-
Montana State University	10.215	MSU ID G234-20-W7506	Sustainable Agriculture Research and Education		- 17
Montana State University	10.215	MSU ID G290-22-W8618	Sustainable Agriculture Research and Education		- 30
Fairbanks Soil & Water Conservation District	10.225	FSWCD AFFECT USDA 000	•		- 13
Northwest Indian College	10.227	NWIC-SA28761-UAF	1994 Institutions Research Program		- 2
Direct	10.310	G00012036	Agriculture and Food Research Initiative (AFRI)	90,10	
Direct	10.310	G00014071	Agriculture and Food Research Initiative (AFRI)		- 9
University Of Hawaii	10.310	MA1707	Agriculture and Food Research Initiative (AFRI)		- 138
University Of Hawaii	10.310	MA1775	Agriculture and Food Research Initiative (AFRI)		- 15
Direct	10.310	G00015443	Agriculture and Food Research Initiative (AFRI)		- 73
	10.511	G00014590	Smith-Lever Funding (Various Programs)		- 570
Direct Direct	10.511	G00015288	Smith-Lever Funding (Various Programs)		- 32

rantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass- Through Identifying Number	Program Title	Amounts Passed through to Subrecipients (\$)	Total Federal Expenditures (\$)
Washington State University	10.604	134185 SPC003725	Technical Assistance for Specialty Crops Program	-	9,39
Direct	10.652	G00012960	Forestry Research		26,94
Direct	10.664	G00012793	Cooperative Forestry Assistance	-	13,99
Direct	10.664	G00012995	Cooperative Forestry Assistance		83
Division of Forestry	10.664	UCF.FY19.2021.02.009	Cooperative Forestry Assistance		4,5
Direct	10.680	G00012979	Forest Health Protection	_	25,9
Direct	10.680	G00012979 G00013440	Forest Health Protection		234,3
Direct					
	10.680	G00014208	Forest Health Protection	•	1,4
Direct	10.680	G00014332	Forest Health Protection		119,0
Direct	10.699	G00012884	Partnership Agreements	-	9,1
Direct	10.699	G00014077	Partnership Agreements		46,7
Direct	10.902	G00012627	Soil and Water Conservation		12,0
			Soil and Water Conservation		
Direct Department of Agriculture Total	10.902	G00013548	Son and water Conservation	90,107	27,9 4,689,3
Department of Commerce					
Direct	11.000	G00012703	NOAA NESDIS JPSS PGRR HLPG GINA Contract	-	69,5
Bering Sea Fisherman's Association	11.000	AC-1902	Technical review of Yukon River Canadian-origin Chinook salmon Interim Management Escapement Goal		. 8
Pacific States Marine Fisheries Commission	11.000	20-169G	Establishing Baseline Measurements for Humpback Whales in Juneau, AK		36,8
	11.000	20-109G	MSE for Subsistence Fisheries of the Kuskokwim River	•	30,80
Bering Sea Fisherman's Association University of Wisconsin-Madison	11.000 11.000	AC-2102A UWMSN-2023-271-ASSA3 *	Watershed I Support for NWS Polar-Satellite Antenna Systems	-	1,71
·			•		
Bering Sea Fisherman's Association Direct	11.000 11.011	AC-2205 G00015221	Assessing Kuskokwim salmon with environmental DNA Ocean Exploration	-	8,1
Alaska Ocean Observing System	11.012	H2400-96 H2407	Integrated Ocean Observing System (IOOS)		129,7
				-	
Direct	11.012	G00013024	Integrated Ocean Observing System (IOOS)	-	120,2
Alaska Ocean Observing System	11.012	H2447-02	Integrated Ocean Observing System (IOOS)	-	70,5
Alaska Ocean Observing System	11.012	H2457-02 PENDING	Integrated Ocean Observing System (IOOS)		79,4
Alaska Ocean Observing System	11.012	H3012	Integrated Ocean Observing System (IOOS)	_	79,8
Ç 3					
Alaska Ocean Observing System	11.012	H3016	Integrated Ocean Observing System (IOOS)	-	108,0
Alaska Ocean Observing System	11.012	H3151	Integrated Ocean Observing System (IOOS)	-	34,1
Alaska Ocean Observing System	11.012	H3014	Integrated Ocean Observing System (IOOS)	-	111,8
Alaska Ocean Observing System	11.012	H3013	Integrated Ocean Observing System (IOOS)	_	52,9
Alaska Ocean Observing System	11.012	H3011	Integrated Ocean Observing System (IOOS)	-	261,8
Alaska Ocean Observing System	11.012	H3017	Integrated Ocean Observing System (IOOS)	=	12,0
Alaska Ocean Observing System	11.012	H3015	Integrated Ocean Observing System (IOOS)	=	79,1
Alaska Ocean Observing System	11.012	H3060	Integrated Ocean Observing System (IOOS)	-	15,7
Alaska Ocean Observing System	11.012	H3018	Integrated Ocean Observing System (IOOS)	_	
				-	
Alaska Ocean Observing System	11.012	H3121	Integrated Ocean Observing System (IOOS)	-	136,6
Direct	11.012	G00015074	Integrated Ocean Observing System (IOOS)	4,651	13,3
Alaska Ocean Observing System	11.012	H3077	Integrated Ocean Observing System (IOOS)	-	18,9
Alaska Ocean Observing System	11.012	H0035-02	Integrated Ocean Observing System (IOOS)		24,5
~ .				-	
Alaska Ocean Observing System	11.012	H0035-08	Integrated Ocean Observing System (IOOS)	-	84,9
Direct Direct	11.017 11.020	G00014362 G00013051	Ocean Acidification Program (OAP) Alaska Seed Fund	-	26,2
			NOALS UP ' I (' P I (SDID) P		
Alaska Ocean Observing System	11.021	H3112	NOAA Small Business Innovation Research (SBIR) Program	n -	28,9
Direct	11.028	G00015386	Connecting Minority Communities Pilot Program	-	10,2
Direct	11.417	G00011636	Sea Grant Support	19,467	19,4
Direct	11.417	G00011936	Sea Grant Support	58,126	1,696,0
Direct	11.417	G00012930	Sea Grant Support	30,120	11,2
				-	
University of Connecticut	11.417	KFS# 5653840 PO# 364393	**	-	1,5
University of Washington	11.417	SUB NO UWSC11373 BPO	# Sea Grant Support	-	67,3
Direct	11.417	G00014374	Sea Grant Support	-	52,9
Direct	11.417	G00014761	Sea Grant Support	_	494,1
Direct					
Direct	11.417 11.417	G00015253 G00015475	Sea Grant Support Sea Grant Support		21,3
Direct	11.420	G00014219	Coastal Zone Management Estuarine Research Reserves	-	134,5
			Coastal Zone Management Estuarine Research Reserves		
Direct	11.420	G00014827		-	598,03
Direct	11.420	G00015104	Coastal Zone Management Estuarine Research Reserves		57,80
Direct	11.427	G00012330	Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program	17,070	25,69
Direct	11.427	G00012331	Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program		16,85
bitet	11.42/	G00012331			10,65
Direct	11 427	C00012046	Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program	27.27	25.2
Direct	11.427	G00012946		27,265	
Direct	11.431	G00011055	Climate and Atmospheric Research	-	337,9
Direct	11.431	G00012998	Climate and Atmospheric Research		2,2
UCAR Office of Programs	11.431	SUBAWD002445	Climate and Atmospheric Research		2,2
Direct	11.431	G00014363	Climate and Atmospheric Research	1,860	
				1,860	
Direct Direct	11.431	G00014365 G00015252	Climate and Atmospheric Research Climate and Atmospheric Research	-	2,0
	11.431		National Oceanic and Atmospheric Administration (NOAA)	-	2,6
University of Washington	11.432	UWSC12234 BPO 51373	Cooperative Institutes National Oceanic and Atmospheric Administration (NOAA)	-	1,488,4
Princeton University	11.432	SUB0000463	Cooperative Institutes National Oceanic and Atmospheric Administration (NOAA)	-	23,9
University of Washington	11.432	UWSC13282 BPO60824	Cooperative Institutes	-	133,8

Constant Charter Title (Direct to all a De Constant	AT NI NI	Grant Number or Pass- Through Identifying	Program Title	Amounts Passed through to	Total Federal
Pacific States Marine Fisheries Commission	ALN Numbe	23-035G	Program Title Pacific Fisheries Data Program	Subrecipients (\$)	Expenditures (\$) 20,469
			Pacific Coast Salmon Recovery Pacific Salmon Treaty		
Alaska Dept of Fish & Game	11.438	ADN 1120594-1	Program	-	33,031
Alaska Department of Fish & Game	11.438	1121902	Pacific Coast Salmon Recovery Pacific Salmon Treaty Program	_	15,581
			Pacific Coast Salmon Recovery Pacific Salmon Treaty		,
Alaska Dept. of Fish and Game	11.438	1122902	Program	-	150,946
Alaska Dept. of Fish and Game	11.438	1122903	Pacific Coast Salmon Recovery Pacific Salmon Treaty Program	_	77,545
Alaska Dept. of Fish and Gaine	11.436	1122703	Pacific Coast Salmon Recovery Pacific Salmon Treaty	_	77,545
Alaska Dept of Fish & Game	11.438	ADN 1122901-1	Program	-	44,608
Direct	11.439	G00012936	Marine Mammal Data Program	-	2,688
Direct	11.439	G00012997	Marine Mammal Data Program	5,651	277,902
Direct Direct	11.439 11.439	G00013592 G00014373	Marine Mammal Data Program Marine Mammal Data Program	-	2,496 4,654
Direct	11.439	G00014375 G00014440	Marine Mammal Data Program	_	26,694
Direct	11.439	G00015131	Marine Mammal Data Program	-	53,531
Direct	11.459	G00012380	Weather and Air Quality Research	-	14,001
Direct	11.469	G00015016	Congressionally Identified Awards and Projects	-	120,945
Prince William Sound Science Center Prince William Sound Science Center	11.472 11.472	CONTRACT 17-71-01 AMD 17-71-05	Unallied Science Program Unallied Science Program	-	55,188 2,874
Prince William Sound Science Center	11.472	17-71-03	Unallied Science Program	_	48,855
North Pacific Research Board	11.472	1802 / F8802-00	Unallied Science Program	_	33
Direct	11.472	G00012819	Unallied Science Program	-	342,985
Direct	11.472	G00013023	Unallied Science Program	-	26,068
North Pacific Research Board	11.472	1907A	Unallied Science Program	-	36,575
North Pacific Research Board North Pacific Research Board	11.472	1907B	Unallied Science Program Unallied Science Program	-	6,745
North Pacific Research Board North Pacific Research Board	11.472 11.472	1908 2001	Unallied Science Program Unallied Science Program	-	57,038 32,604
North Pacific Research Board	11.472	1912-90/1926	Unallied Science Program	-	6,546
North Pacific Research Board	11.472	2007A	Unallied Science Program	-	49,983
North Pacific Research Board	11.472	2007B	Unallied Science Program	_	41,436
North Pacific Research Board	11.472	2014	Unallied Science Program	-	19,149
North Pacific Research Board	11.472	2010 / NA19NMF4720069	Unallied Science Program	=	6,273
North Pacific Research Board	11.472	2102	Unallied Science Program	-	94,671
North Pacific Research Board	11.472	L36-00B	Unallied Science Program	=	24,391
North Pacific Research Board	11.472	2109	Unallied Science Program	-	56,441
Prince William Sound Science Center North Pacific Research Board	11.472 11.472	22-81-14 1905B	Unallied Science Program Unallied Science Program	-	75,249 83,050
Prince William Sound Science Center	11.472	22-81-03	Unallied Science Program	-	197,015
Prince William Sound Science Center	11.472	22-81-02	Unallied Science Program	_	55,557
Prince William Sound Science Center	11.472	22-81-09	Unallied Science Program	_	16,637
Prince William Sound Science Center	11.472	22-81-04	Unallied Science Program	-	88,325
Prince William Sound Science Center	11.472	22-91-02	Unallied Science Program	-	6,532
Prince William Sound Science Center	11.472	22-91-04	Unallied Science Program	-	1,486
Prince William Sound Science Center	11.472	22-91-05	Unallied Science Program	-	51,866
Prince William Sound Science Center	11.472	22-81-07 22-91-03	Unallied Science Program Unallied Science Program	-	60,312
Prince William Sound Science Center North Pacific Research Board	11.472 11.472	22-91-03	Unallied Science Program Unallied Science Program	-	135,672 51,855
North Pacific Research Board	11.472	L37-00D	Unallied Science Program	-	71,022
North Pacific Research Board	11.472	IERP 62/F2162-02	Unallied Science Program	-	2,806
North Pacific Research Board	11.472	F9603-01	Unallied Science Program	-	55,654
North Pacific Research Board	11.472	IERP 61/F9601-00	Unallied Science Program	-	96,004
North Pacific Research Board	11.472	PROJECT 2010	Unallied Science Program	-	28,557
North Pacific Research Board	11.472	PROJECT 2208	Unallied Science Program	=	410
North Pacific Research Board	11.472	2205	Unallied Science Program	-	11,926
North Pacific Research Board North Pacific Research Board	11.472	2214A L36-00C	Unallied Science Program	-	1,190
North Fachic Research Board	11.472	L30-00C	Unallied Science Program Center for Sponsored Coastal Ocean Research Coastal Ocean	-	1,495
Direct	11.478	G00011684	Program	· -	59,589
Date.	11.170	300011001	Center for Sponsored Coastal Ocean Research Coastal Ocean	ı	23,203
University of Wyoming	11.478	1004101 MOD 4	Program	-	28,130
			Center for Sponsored Coastal Ocean Research Coastal Ocean	ı	
University of Washington	11.478	SUB NO UWSC11435 BPO		-	39,203
			Center for Sponsored Coastal Ocean Research Coastal Ocean	l	
University of Wyoming	11.478	1004101ΓÇôUAF	Program	-	52,062
Sitka Tribe of Alaska (IRA)	11.478	SUBAWARD NA20NOS4780	Center for Sponsored Coastal Ocean Research Coastal Ocean	ı	20,718
Silka Tribe of Alaska (IKA)	11.4/8	SUBAWARD NAZUNUS4/80	Center for Sponsored Coastal Ocean Research Coastal Ocean	-	20,718
Sitka Tribe of Alaska (IRA)	11.478	SUBAWARD NA20NOS4780	*	· -	22,634
Department of Commerce Total				134,090	
Department of Defense			Resilience of boreal ecosystems assessed using high-		
			frequency records of dissolved organic matter and nitrate in		
Direct	12.000	G00012163	streams	-	165,115
			Resiliency and Vulnerability of Boreal Forest Habitat to the		
			Interaction of Climate and Fire Disturbance across DoD		
Northern Arizona University	12.000	SUBAGREEMENT NO. 1003		-	2,548
			OASD(NCB/TRAC) UARC for Research and Development		
	12.000	G00012416	in the Geophysical Detection of Nuclear Proliferation - ADMINISTRATION		110,340
Direct	12.000	G00012410		-	110,340
Direct			POA53-CEST IX-06 Mot Invasive Species Transvood		
	12,000	G00012422	POA53-CESU 18-06 Mgt. Invasive Species, Ironwood Trees, Bellows Air Force Station, Oahu	_	206 735
Direct	12.000 12.000	G00012422 G00012569	POA53-CESU 18-06 Mgt. Invasive Species, Ironwood Trees, Bellows Air Force Station, Oahu UARC FIXED FEE ALL	-	206,735 1,121,945
	12.000 12.000 12.000	G00012422 G00012569 G00012810	Trees, Bellows Air Force Station, Oahu	- - -	206,735 1,121,945 66,311

Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass- Through Identifying Number	Program Title	Amounts Passed through to Subrecipients (\$)	Total Federal Expenditures (\$)
Direct	12.000	G00013036	Mgt, Species, Beluga Whale Prey , All waters but Sixmile	-	22,8
Direct	12.000	G00013072	Army Collection Curation	-	16,3
Direct	12.000	G00013113	Management Species, Invasive SpeciesMulti Plant Species	-	66,6
Direct	12.000	G00013306	Habitat Management & Mission Vulnerability, JBER Alaska	-	
Direct	12.000	G00013431	UARC T5 ARCTIC GRAVITY	-	103,3
Direct	12.000	G00013459	UARC T6 HSAS GDNP UARC T8 Arctic GeoData	495,048	495,0
Direct	12.000	G00013490	UARC TO7 - Improving Small Event Characterization and	7,124,454	13,395,
Direct	12.000	G00013544	Determination of Moment Tensor Uncertainties	201,154	388,
Direct	12.000	G00013655	GDNP UARC Task Order #9	159,744	446,
Direct	12.000	G00013747	Management, Species, Rare Plant Inventory (FXSB61516620)		2,
SRI International	12.000	SUB# 54122	AtmoSense Background Characterization (ABC)	-	140,
			AIRWaveS: Atmosphere-Ionosphere Responses to Wave		
University of New Hampshire	12.000	L0131	Signals	-	28,
Direct	12.000	G00014055	Arctic and Subarctic Engineering Design Tool: Technology Transfer UFC 3-130 Revision		46,
Direct	12.000	G00014033 G00014105	GDNP UARC - Task Order 10	-	120,
Direct	12.000	G00014202	ALCOM Arctic Initiatives	=	8,
			Secure and Resilient Power Generation in Cold Regions		
Direct	12.000	G00014265	Environments	276,660	1,032,
Direct	12.000	G00014449	ALCOM Arctic Initiatives - ADSO/ARSOC (under Master G14217)	_	35,0
Direct Control of the	12.000	300011119	GDNP UARC - TO11 - Counter-Unmanned Aircraft System		55,
			Technology to Protect Department of Defense Assets in the		
Direct	12.000	G00014488	Arctic	945,568	3,207,
			CubeSat Communications Platform (CCP) for On-orbit Verification and Validation of Communication Protocols		
Space Dynamics Laboratory	12.000	CP0072007 (FFP)	aimed at Maximizing Information Throughput	-	148,
Direct	12.000	G00014776	ADAC UNH Oil Spill Detection Project	=	42,
Direct	12.000	G00014804	Army IGSA for Consultant A&E Service Contracting	-	837,
Direct Direct	12.000 12.000	G00014805 G00014895	Army IGSA for Consultant A&E Service Contracting TO12 - Enhancing Global Nuclear Detection	=	63, 118,
Direct	12.000	000014893	UARC - TO13 - Hybrid Power Station (HPS) Upgraded and	-	110,
Direct	12.000	G00015054	Subject Matter Expert (SME) Support	-	274,
Johns Hopkins University, The	12.000	174429	LRDR Space Weather Risk Reduction	-	23,
Direct	12.000	G00015088	GDNP UARC - TO14 - 3D Elevation Products	6,225,583	6,268,
Direct	12.000	G00015122	Alaska Preparedness and Response Contingency Planning	-	71,
			Conservation and Rehabilitation of Natural Resources on		
Direct	12.005	G00014423	Military Installations Conservation and Rehabilitation of Natural Resources on	-	276,
Direct	12.005	G00014450	Military Installations	-	93,
			Conservation and Rehabilitation of Natural Resources on		
Direct	12.005	G00014682	Military Installations	-	147,
Direct	12.005	G00015006	Conservation and Rehabilitation of Natural Resources on Military Installations	_	17,
Bitet	12.003	300013000	Conservation and Rehabilitation of Natural Resources on		17,
Direct	12.005	G00015014	Military Installations	-	18,
Direct	12.005	C00015105	Conservation and Rehabilitation of Natural Resources on Military Installations		10
Direct	12.300	G00015105 G00012114	Basic and Applied Scientific Research	62,847	18, 75,
University of Illinois at Champaign	12.300	090955-16969	Basic and Applied Scientific Research	-	74,
Direct	12.300	G00012676	Basic and Applied Scientific Research	-	1,796
Direct	12.300	G00012747	Basic and Applied Scientific Research	-	126
Direct Direct	12.300 12.300	G00013193 G00013519	Basic and Applied Scientific Research Basic and Applied Scientific Research	-	3,876, 76,
Direct	12.300	G00014164	Basic and Applied Scientific Research	=	167
Direct	12.300	G00014299	Basic and Applied Scientific Research	208,480	251
Direct Direct	12.300 12.300	G00014309	Basic and Applied Scientific Research	762	1,702
Direct	12.300	G00014574 G00014684	Basic and Applied Scientific Research Basic and Applied Scientific Research	-	1,793, 202,
Direct	12.300	G00015263	Basic and Applied Scientific Research	=	378.
			Navy Command, Control, Communications, Computers,		
Direct	12.335	G00013328	Intelligence, Surveillance, and Reconnaissance	-	144,
Direct	12.351	G00014005	Scientific Research - Combating Weapons of Mass Destruction	987,762	4,788.
			Competitive Grants: Promoting K-12 Student Achievement at		
Fairbanks NSB School District	12.556	PO# 22001420 (FY22) - FFP	•	=	52
Fairbanks NSB School District	12.556	PO# 22001420 (FY22) - FFP	Competitive Grants: Promoting K-12 Student Achievement at Military-Connected Schools	-	1,
			DOD, NDEP, DOTC-STEM Education Outreach		
Direct	12.560	G00013222	Implementation DOD, NDEP, DOTC-STEM Education Outreach	-	48,
Direct	12.560	G00013649	Implementation	-	491,
Direct	12.630	G00013892	Basic, Applied, and Advanced Research in Science and Engineering	-	158,
Montana State University	12.800	MSU ID G244-23-W8197	Air Force Defense Research Sciences Program		1,
Department of Defense Total				16,688,062	44,158,
Department of Interior					
			Alaska Terrestrial AIM Task Order AK-2 Revised - Greater		

Federal Gran	ntor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass- Through Identifying Number	Program Title	Amounts Passed through to Subrecipients (\$)	Total Federal Expenditures (\$)
	Direct	15.225	G00011811	Recreation and Visitor Services	64,233	93,269
	Direct	15.225	G00014122	Recreation and Visitor Services	=	1,287
	Direct	15.225	G00014303	Recreation and Visitor Services	19,749	77,984
				BLM Fuels Management and Community Fire Assistance		
	Direct	15.228	G00013706	Program Activities	-	3,931
	D'	15.000	000015150	BLM Fuels Management and Community Fire Assistance		26.422
	Direct Direct	15.228	G00015150	Program Activities	-	26,422
	Direct	15.230	G00011761	Invasive and Noxious Plant Management	-	75,719
	Direct	15.231	G00011038	Fish, Wildlife and Plant Conservation Resource Management		9,738
	Direct	15.232	G00011038 G00013682	Joint Fire Science Program	-	245,344
	Direct	15.232	G00013684	Joint Fire Science Program	_	207,516
	Direct	15.237	G00015153	Rangeland Resource Management	_	30,888
	Direct	15.237	G00015154	Rangeland Resource Management	_	49,310
	Direct	15.244	G00011643	Fisheries and Aquatic Resources Management	-	77,845
	Direct	15.244	G00015011	Fisheries and Aquatic Resources Management	_	2,678
	Direct	15.244	G00015152	Fisheries and Aquatic Resources Management	-	7,024
	Direct	15.244	G00015370	Fisheries and Aquatic Resources Management	-	33,354
	Direct	15.247	G00013110	Wildlife Resource Management	-	6,252
	Direct	15.247	G00013647	Wildlife Resource Management	=	23,135
	Direct	15.247	G00015160	Wildlife Resource Management	-	22,520
	Direct	15.248	G00014260	National Landscape Conservation System	=	19,241
	Direct	15.421	G00012804	Alaska Coastal Marine Institute	=	72,741
	Direct	15.421	G00012972	Alaska Coastal Marine Institute	-	44,047
	Direct	15.421	G00013015	Alaska Coastal Marine Institute	6,698	49,441
	Direct	15.421	G00013101	Alaska Coastal Marine Institute	-	19,274
	Direct	15.421	G00013532	Alaska Coastal Marine Institute	=	19,044
	Direct	15.421	G00013664	Alaska Coastal Marine Institute	-	10,182
	Direct	15.421	G00013696	Alaska Coastal Marine Institute	=	41,155
	Direct	15.421	G00013697	Alaska Coastal Marine Institute	2,329	16,982
	Direct	15.421	G00013720	Alaska Coastal Marine Institute	16,165	65,698
	Direct	15.421	G00014282	Alaska Coastal Marine Institute	-	73,647
	Direct	15.421	G00014291	Alaska Coastal Marine Institute	-	144,430
	Direct	15.421	G00014327	Alaska Coastal Marine Institute	-	7,589
	Direct	15.421	G00014367	Alaska Coastal Marine Institute	-	61,377
	Direct	15.421	G00015211	Alaska Coastal Marine Institute	=	30,721
	Direct	15.421	G00015367	Alaska Coastal Marine Institute	-	27,596
				Bureau of Ocean Energy Management (BOEM)		
	Direct	15.423	G00011630	Environmental Studies (ES)	-	74,859
				Bureau of Ocean Energy Management (BOEM)		
	Direct	15.423	G00011764	Environmental Studies (ES)	60,449	93,474
	D'	15 400	000012070	Bureau of Ocean Energy Management (BOEM)		271.057
	Direct	15.423	G00013079	Environmental Studies (ES)	-	274,957
	II. ' CT . A'	15 422	LITATIC CUIDOCOCCATO AMA	Bureau of Ocean Energy Management (BOEM)		46.554
	University of Texas at Austin	15.423	UTAUS-SUB00000379AM2	Environmental Studies (ES)	-	46,554
	Diment	15 422	C00014241	Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	267.066	640.062
	Direct	15.423	G00014241		367,066	640,063
	Direct	15.423	G00015185	Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	8,542	44,949
	Direct	13.423	G00015185	Bureau of Ocean Energy Management (BOEM)	0,342	77,272
	Alaska Dept. of Fish and Game	15.423	1123147	Environmental Studies (ES)	_	38,396
	Maska Dept. of Fish and Game	15.425	1123147	Environmental Stadies (ES)		30,370
	Direct	15.508	G00014352	Providing Water to At-Risk Natural Desert Terminal Lakes		14,874
	National Fish & Wildlife Foundation	15.600	5101.22.074541	NFWF Summer Scholars Program with ANSEP	_	125,268
	Direct	15.608	G00013092	Fish and Wildlife Management Assistance	_	6,590
	Direct	15.608	G00013210	Fish and Wildlife Management Assistance	_	1,689
	Direct	15.608	G00013210 G00013308	Fish and Wildlife Management Assistance	-	30,019
	Direct	15.608	G00013699	Fish and Wildlife Management Assistance	-	56,862
	Direct	15.608	G00013789	Fish and Wildlife Management Assistance	-	15,782
	Direct	15.608	G00014351	Fish and Wildlife Management Assistance	-	33,881
	Direct	15.608	G00015037	Fish and Wildlife Management Assistance	-	9,947
	Direct	15.608	G00015089	Fish and Wildlife Management Assistance	=	1,148
	Direct	15.608	G00015118	Fish and Wildlife Management Assistance	=	25,967
	Direct	15.608	G00015448	Fish and Wildlife Management Assistance	=	8,348
	Alaska Department of Fish & Game	15.615	1122101	Cooperative Endangered Species Conservation Fund	-	7,862
	Alaska Dept of Fish and Game Wildlife Conservation	15.634	ADN 1122093	State Wildlife Grants	=	2,738
	Alaska Dept of Fish and Game Wildlife Conservation	15.634	ADN 1123074	State Wildlife Grants	=	74,450
	Alaska Dept. of Fish and Game	15.634	ADN# 1123123	State Wildlife Grants	-	21,205
	Direct	15.660	G00013702	Candidate Species Conservation	-	10,915
	Direct	15.660	G00013707	Candidate Species Conservation	-	8,177
	Direct	15.664	G00014154	Fish and Wildlife Coordination and Assistance	-	112,761
	Direct	15.664	G00014218	Fish and Wildlife Coordination and Assistance	-	11,582
	Direct	15.670	G00013166	Adaptive Science	-	11,213
	Direct	15.678	G00011035	Cooperative Ecosystem Studies Units	-	67,289
	Direct	15.678	G00012433	Cooperative Ecosystem Studies Units	-	7,397
	Direct	15.678	G00012715	Cooperative Ecosystem Studies Units	=	5,002
		15 650	G00013307	Cooperative Ecosystem Studies Units	-	23,020
	Direct	15.678		C C F C C F H C		125,613
		15.678	G00013600	Cooperative Ecosystem Studies Units	-	120,010
	Direct			Cooperative Ecosystem Studies Units	-	85
	Direct	15.678 15.678	G00013600 USFWS-21-03	Cooperative Ecosystem Studies Units Landsat And The Cryosphere: Tracking Interactions Between	- -	
	Direct	15.678	G00013600 USFWS-21-03	Cooperative Ecosystem Studies Units Landsat And The Cryosphere: Tracking Interactions Between YIce, Snow, and the Earth System	- -	
	Direct Direct Alaska Conservation Foundation	15.678 15.678	G00013600 USFWS-21-03	Cooperative Ecosystem Studies Units Landsat And The Cryosphere: Tracking Interactions Between	- - -	85
	Direct Direct Alaska Conservation Foundation	15.678 15.678	G00013600 USFWS-21-03	Cooperative Ecosystem Studies Units Landsat And The Cryosphere: Tracking Interactions Between YIce, Snow, and the Earth System	- - -	85
	Direct Direct Alaska Conservation Foundation University of Colorado, Boulder	15.678 15.678 15.800	G00013600 USFWS-21-03 1561259 / PO# 1001591247(Cooperative Ecosystem Studies Units Landsat And The Cryosphere: Tracking Interactions Between Ylce, Snow, and the Earth System StateView Program Development and Operations for the State of Alaska Combining local traditional knowledge and machine learning	- - -	85 21,727
	Direct Direct Alaska Conservation Foundation University of Colorado, Boulder America View, Inc.	15.678 15.678 15.800 15.800	G00013600 USFWS-21-03 1561259 / PO# 1001591247(AV18-AK-01	Cooperative Ecosystem Studies Units Landsat And The Cryosphere: Tracking Interactions Between Ylee, Snow, and the Earth System StateView Program Development and Operations for the State of Alaska Combining local traditional knowledge and machine learning to predict the future safety of shellfish harvests in a changing	- - -	85 21,727 37,146
	Direct Direct Alaska Conservation Foundation University of Colorado, Boulder	15.678 15.678 15.800	G00013600 USFWS-21-03 1561259 / PO# 1001591247(Cooperative Ecosystem Studies Units Landsat And The Cryosphere: Tracking Interactions Between Ylce, Snow, and the Earth System StateView Program Development and Operations for the State of Alaska Combining local traditional knowledge and machine learning		85 21,727

Federal Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass- Through Identifying Number	Program Title	Amounts Passed through to Subrecipients (\$)	Total Federal Expenditures (\$)
Direct	15.800	G00015066	Chaparral Quote 22015 and 22016, USGS PO 140G0322P0324 (55 x Model 64Vx2 sensors)	-	170,700
			Community engagement in a stream-network assessment of		
Direct	15.800	G00015127	salmon thermal-habitat in the Situk River watershed of Yakutat, Alaska	-	35,531
			How do snow avalanches impact landscape characteristics		
Direct	15.800	G00015128	and mountain goat populations in southeast Alaska?	-	90,348
			Impacts of Cryospheric change on aquatic flows and		
Direct	15.800	G00015250	freshwater habitat quality for Pacific salmon and coastal communities	-	54,282
P	15.005	000014244	Assistance to State Water Resources Research Institutes	12.750	114.162
Direct Direct	15.805 15.808	G00014344 G00013220	U.S. Geological Survey Research and Data Collection	13,750	114,162 689,361
Direct	15.808	G00013220 G00014428	U.S. Geological Survey Research and Data Collection	-	98,095
Direct	15.808	G00014494	U.S. Geological Survey Research and Data Collection	-	2,723,052
Direct	15.808	G00014495	U.S. Geological Survey Research and Data Collection	-	18,853
Direct	15.808 15.808	G00014787	U.S. Geological Survey Research and Data Collection U.S. Geological Survey Research and Data Collection	-	50,000 34,942
University of Southern California, SCEC Direct	15.808	SCON-00003716 G00015480	U.S. Geological Survey Research and Data Collection	-	12,456
Direct	15.810	G00013400 G00014165	National Cooperative Geologic Mapping	-	2,360
Direct	15.810	G00015017	National Cooperative Geologic Mapping	-	18,010
Direct	15.812	G00010998	Cooperative Research Units	1,786	
Direct	15.812	G00011043	Cooperative Research Units	-	133,023
Direct Direct	15.812 15.812	G00012045 G00012246	Cooperative Research Units Cooperative Research Units	-	235,680 16,796
Direct	15.812	G00012240 G00012345	Cooperative Research Units	_	66,408
Direct	15.812	G00012950	Cooperative Research Units	-	26,427
Direct	15.812	G00012968	Cooperative Research Units	-	28,196
Direct	15.812	G00013324	Cooperative Research Units	-	60,453
Direct	15.812	G00013588	Cooperative Research Units	-	33,985
Direct Direct	15.812 15.812	G00013806	Cooperative Research Units	-	8,703
Direct	15.812	G00013807 G00013808	Cooperative Research Units Cooperative Research Units	-	54,531 61,860
Direct	15.812	G00013000 G00013926	Cooperative Research Units	_	78,594
Direct	15.812	G00013927	Cooperative Research Units	-	59,627
Direct	15.812	G00013946	Cooperative Research Units	-	177,510
Direct	15.812	G00013992	Cooperative Research Units	-	6,092
Direct	15.812	G00014067	Cooperative Research Units	-	63,210
Direct Direct	15.812 15.812	G00014232 G00014234	Cooperative Research Units Cooperative Research Units	-	38,585 18,981
Direct	15.812	G00014254 G00014263	Cooperative Research Units	_	4,280
Direct	15.812	G00014394	Cooperative Research Units	-	4,399
Direct	15.812	G00014543	Cooperative Research Units	=	9,647
Direct	15.812	G00015080	Cooperative Research Units	-	7,705
Direct Direct	15.818 15.818	G00012109 G00014115	Volcano Hazards Program Research and Monitoring Volcano Hazards Program Research and Monitoring	-	795 2,009,980
Direct	15.820	G00014115 G00011635	National and Regional Climate Adaptation Science Centers	15,001	1,379,631
Direct	15.820	G00011033 G00012554	National and Regional Climate Adaptation Science Centers	15,001	136,075
Direct	15.820	G00012334 G00013942	National and Regional Climate Adaptation Science Centers National and Regional Climate Adaptation Science Centers	-	95,482
Direct	15.820	G00013942 G00013943	National and Regional Climate Adaptation Science Centers	11,152	
Direct	15.820	G00013343 G00014305	National and Regional Climate Adaptation Science Centers	11,132	41,940
Direct	15.820	G00014307	National and Regional Climate Adaptation Science Centers	<u>-</u>	63,618
Direct	15.820	G00014308	National and Regional Climate Adaptation Science Centers	-	24,111
Direct	15.820	G00014330	National and Regional Climate Adaptation Science Centers	96,456	
Direct	15.820	G00014347	National and Regional Climate Adaptation Science Centers	-	51,303
Direct	15.820	G00014349	National and Regional Climate Adaptation Science Centers	-	54,611
Direct	15.820	G00014350	National and Regional Climate Adaptation Science Centers	-	73,488
Direct	15.820	G00014393	National and Regional Climate Adaptation Science Centers	-	73,828
Direct	15.820	G00014415	National and Regional Climate Adaptation Science Centers	25,800	116,299
Direct	15.820	G00014681	National and Regional Climate Adaptation Science Centers	56,543	62,902
Direct	15.820	G00015293	National and Regional Climate Adaptation Science Centers	-	6,377
Direct	15.820	G00015343	National and Regional Climate Adaptation Science Centers	32,393	40,975
USGS Alaska Science Center	15.820	G00015412	National and Regional Climate Adaptation Science Centers	-	310
Direct Direct	15.820 15.944	G00015462 G00014333	National and Regional Climate Adaptation Science Centers Natural Resource Stewardship	- -	36,696 97,637
Direct	15.945	G00010892	Cooperative Research and Training Programs – Resources of the National Park System	f -	10,758

al Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass- Through Identifying Number	Program Title	Amounts Passed through to Subrecipients (\$)	Total Federal Expenditures (\$)
Direct	15.945	G00011013	Cooperative Research and Training Programs – Resources of the National Park System	f	- 135
Direct	15.945	G00011444	Cooperative Research and Training Programs – Resources of the National Park System	f	- 5,097
			Cooperative Research and Training Programs - Resources of	f	
Direct	15.945	G00011596	the National Park System Cooperative Research and Training Programs – Resources of	f	- 8,692
Direct	15.945	G00011599	the National Park System Cooperative Research and Training Programs – Resources of	f	- 13,421
Direct	15.945	G00011653	the National Park System		- 38,404
Direct	15.945	G00011806	Cooperative Research and Training Programs – Resources of the National Park System	i	- 81,932
Direct	15.945	G00012401	Cooperative Research and Training Programs – Resources of the National Park System	f	- 39,217
			Cooperative Research and Training Programs - Resources of	f	
Western Washington University	15.945	SUBAWARD NO 54133-A-Y	Cooperative Research and Training Programs - Resources of	f	- 5,824
Direct	15.945	G00012905	the National Park System Cooperative Research and Training Programs – Resources of	f	- 7,861
Direct	15.945	G00013002	the National Park System Cooperative Research and Training Programs – Resources of		- 43,332
Direct	15.945	G00013026	the National Park System		- 57,681
Direct	15.945	G00013041	Cooperative Research and Training Programs – Resources of the National Park System	f	- 47,737
Direct	15.945	G00013126	Cooperative Research and Training Programs – Resources of	f	- 74,967
			the National Park System Cooperative Research and Training Programs – Resources of	f	
Direct	15.945	G00013189	the National Park System Cooperative Research and Training Programs – Resources of	f	- 129,535
Direct	15.945	G00013349	the National Park System		- 8,410
Direct	15.945	G00013391	Cooperative Research and Training Programs – Resources of the National Park System		- 18,967
Direct	15.945	G00013400	Cooperative Research and Training Programs – Resources of the National Park System	f	- 34,732
			Cooperative Research and Training Programs - Resources of	f	
Direct	15.945	G00013449	the National Park System Cooperative Research and Training Programs – Resources of	f	- 36,028
Direct	15.945	G00013469	the National Park System Cooperative Research and Training Programs – Resources of	f	- 67,921
Direct	15.945	G00013562	the National Park System		- 84,375
Direct	15.945	G00013612	Cooperative Research and Training Programs – Resources of the National Park System	ī.	- 16,466
Direct	15.945	G00013633	Cooperative Research and Training Programs – Resources of the National Park System	f	- 99,163
			Cooperative Research and Training Programs - Resources of	f	
Direct	15.945	G00013638	the National Park System Cooperative Research and Training Programs – Resources of	f	- 17,065
Direct	15.945	G00014102	the National Park System Cooperative Research and Training Programs – Resources of	f	- 8,380
Direct	15.945	G00014345	the National Park System		- 7,015
Direct	15.945	G00014419	Cooperative Research and Training Programs – Resources of the National Park System		- 57,649
Direct	15.945	G00014420	Cooperative Research and Training Programs – Resources of the National Park System	f	- 40,002
			Cooperative Research and Training Programs - Resources of	f	
Direct	15.945	G00014838	the National Park System Cooperative Research and Training Programs – Resources of	f	- 6,048
Direct	15.945	G00015091	the National Park System Cooperative Research and Training Programs – Resources of	f	- 1,216
Direct	15.945	G00015345	the National Park System		- 12,036
Direct	15.945	G00015438	Cooperative Research and Training Programs – Resources of the National Park System	ī.	- 17,490
Direct	15.945	G00015453	Cooperative Research and Training Programs – Resources of the National Park System	f	- 6,012
Department of Interior Total				798,11	
Department of Justice					
Alaska Department of Corrections	16.000	ADN 2020013-4	Evaluation of Alaska Department of Corrections Statewide Recidivism Reduction Strategic Plan		- 14,631
	4.000		Support for Research, Testing, and Evaluation of Counter-		
Direct National 4H Council	16.000 16.726	G00015067 NMP11	Unmanned Aerial Systems in Law Enforcement Operations Juvenile Mentoring Program		- 43,919 - 39,292
Department of Justice Total					- 97,842
Department of State	10.010	CLIDA WARD F2077 02 MOI			(1.20)
Research Foundation of the City University of New York Department of State Total	19.019	SUBAWAKD F2067-02 MOI	OInternational Programs to Combat Human Trafficking		- 61,369 - 61,369
Department of Transportation					
Direct Direct	20.109 20.109	G00013008 G00013268	Air Transportation Centers of Excellence Air Transportation Centers of Excellence		- 8,948 - 955
Direct	20.109	G00013533	Air Transportation Centers of Excellence		- 3,717
Direct	20.109	G00013710	Air Transportation Centers of Excellence		- 109,149
Direct	20.109	G00013982	Air Transportation Centers of Excellence		- 45,918

Direct State of Alaska DOT & PF Department of Transportation & Public Facilitie AK Department of Transportation Total National Aeronautics and Space Administra University of California Direct Direc	20.205 20.701 20.701 20.701 ttion 43.000 43.000 43.000 43.001	G00013644 ADN 2538014 / 2518039 ADN 2538045 AMD 2 ADN 2538021 G00011341 UWSC10217 BPO28344 SUB# 00010657/PO#BB0169 G00014931 G00014931 G00010570 G00010570 G00010570 G00011218 G00011589 KK1831 G00011775 G00012010 G00012039 G00012236 G00012348 G00012348	Highway Research and Development Program Highway Planning and Construction Highway Planning and Construction Highway Planning and Construction University Transportation Centers Program University Transportation Centers Program University Transportation Centers Program Time History of Events and Macroscale Interactions during Substorms (THEMIS) - Extended Phase E FY21 AGN Feeding and Feedback in NGC 4151 Dust in the Wind: testing a new paradigm for the nature of AGN feedback Closing in on the Launching Sites of AGN outflows Science Science Science Science Science Science Science	563,705 563,705 563,705 38,983 80,446 112,908 15,251 43,541 146,314 4,821	110,098 48,300 14,943 6,105 1,051,209 328,261 1,831,117 80,274 1,478 626 40,792 38,918 449,606 24,517 147,579 2,036 15,269 154,199 164,227 19,960
Department of Transportation & Public Facilitie AK Department of Transportation & Public Facilitie AK Department of Transportation & Public Facilitie AK Department of Transportation Department of Transportation Total National Aeronautics and Space Administra University of California Direct Dir	20.205 cilites 20.205 20.701 2	ADN 2508045 AMD 2 ADN 2538021 G00011341 UWSC10217 BPO28344 SUB# 00010657/PO#BB0169 G00014931 G00014933 G0001570 G00010570 G00010570 G00010587 G00011218 G00011759 G00011218 G0001175 G000102010 G00012010 G00012039 G00012236 G00012348	Highway Planning and Construction Highway Planning and Construction University Transportation Centers Program University Transportation Centers Program University Transportation Centers Program Time History of Events and Macroscale Interactions during 4 Substorms (THEMIS) - Extended Phase E FY21 AGN Feeding and Feedback in NGC 4151 Dust in the Wind: testing a new paradigm for the nature of AGN feedback Closing in on the Launching Sites of AGN outflows Science	563,705 38,983 80,446 112,908 15,251 43,541 146,314	14,943 6,100 1,051,200 328,261 1,831,111 80,274 1,478 627 40,792 38,918 449,600 24,517 147,579 2,033 15,266 154,199 164,227
AK Department of Transportation & Public Fac Direct University of Washington Department of Transportation Total National Aeronautics and Space Administra University of California Direct Dire	20.205 20.701 20.701 20.701 ttion 43.000 43.000 43.000 43.001	ADN 2538021 G00011341 UWSC10217 BPO28344 SUB# 00010657/PO#BB0169 G00014931 G00014933 G00015009 G00010570 G00010587 G00011218 G00011589 KK1831 G00011775 G00012010 G00012010 G00012236 G00012348	Highway Planning and Construction University Transportation Centers Program University Transportation Centers Program University Transportation Centers Program Time History of Events and Macroscale Interactions during 4 Substorms (THEMIS) - Extended Phase E FY21 AGN Feeding and Feedback in NGC 4151 Dust in the Wind: testing a new paradigm for the nature of AGN feedback Closing in on the Launching Sites of AGN outflows Science	563,705 38,983 80,446 112,908 15,251 43,541 146,314	6,10 1,051,20 328,26 1,831,11 80,27 1,47 62 40,79 38,91 449,60 24,51 147,57 2,03 15,26 154,19 164,22
Direct University of Washington Department of Transportation Total National Aeronautics and Space Administra University of California Direct	20.701 20.701 20.701 tion 43.000 43.000 43.000 43.001	G00011341 UWSC10217 BPO28344 SUB# 00010657/PO#BB0169 G00014931 G00014933 G0001570 G00010570 G00010587 G00011218 G00011218 G00011775 G00012010 G00012010 G00012236 G00012348	University Transportation Centers Program University Transportation Centers Program Time History of Events and Macroscale Interactions during 4 Substorms (THEMIS) - Extended Phase E FY21 AGN Feeding and Feedback in NGC 4151 Dust in the Wind: testing a new paradigm for the nature of AGN feedback Closing in on the Launching Sites of AGN outflows Science	563,705 38,983 80,446 112,908 15,251 43,541 146,314	1,051,20; 328,26 1,831,11 80,27- 1,47: 62; 40,79; 38,91: 449,600 24,51; 147,57; 2,03; 15,26; 154,19; 164,22;
University of Washington Department of Transportation Total National Aeronautics and Space Administra University of California Direct University of California Los Angeles Direct University of Memphis Direct Dire	43.000 43.000 43.000 43.000 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001	UWSC10217 BPO28344 SUB# 00010657/PO#BB0169 G00014931 G00014933 G0001570 G00010587 G00011218 G00011218 G00011775 G00012010 G00012010 G00012039 G00012236 G00012348	University Transportation Centers Program Time History of Events and Macroscale Interactions during 4 Substorms (THEMIS) - Extended Phase E FY21 AGN Feeding and Feedback in NGC 4151 Dust in the Wind: testing a new paradigm for the nature of AGN feedback Closing in on the Launching Sites of AGN outflows Science	563,705 38,983 80,446 112,908 15,251 43,541 146,314	328,26 1,831,11 80,27 1,47 62 40,79 38,91 449,60 24,51 147,57 2,03 15,26 154,19 164,22
Department of Transportation Total National Aeronautics and Space Administra University of California Direct Dire	43.000 43.000 43.000 43.000 43.000 43.000 43.001	SUB# 00010657/PO#BB0169 G00014931 G00014933 G00015009 G00010570 G00010587 G00011218 G0001128 G00011775 G00012010 G00012019 G00012236 G00012348	Time History of Events and Macroscale Interactions during 4Substorms (THEMIS) - Extended Phase E FY21 AGN Feeding and Feedback in NGC 4151 Dust in the Wind: testing a new paradigm for the nature of AGN feedback Closing in on the Launching Sites of AGN outflows Science	38,983 80,446 - 112,908 - 15,251 43,541 146,314	80,27- 1,47: 62: 40,79: 38,91: 449,60: 24,51: 147,57: 2,03: 15,26: 154,19: 164,22:
University of California Direct University of California Los Angeles Direct University of Memphis Direct Di	43.000 43.000 43.000 43.000 43.001	G00014931 G00014933 G00015009 G00010570 G00010587 G00011218 G00011589 KK1831 G00011775 G00012010 G00012010 G00012236 G00012348	4 Substorms (THEMIS) - Extended Phase E FY21 AGN Feeding and Feedback in NGC 4151 Dust in the Wind: testing a new paradigm for the nature of AGN feedback Closing in on the Launching Sites of AGN outflows Science	80,446 - 112,908 - 15,251 43,541 146,314	1,47/ 40,79/ 38,91/ 449,600 24,51/ 147,57/ 2,03/ 15,26/ 154,19/ 164,22/
Direct Direct Direct Direct Direct Direct Direct Direct Direct University of California Santa Barbara NCEAS Direct Direc	43.000 43.000 43.000 43.001	G00014931 G00014933 G00015009 G00010570 G00010587 G00011218 G00011589 KK1831 G00011775 G00012010 G00012010 G00012236 G00012348	4 Substorms (THEMIS) - Extended Phase E FY21 AGN Feeding and Feedback in NGC 4151 Dust in the Wind: testing a new paradigm for the nature of AGN feedback Closing in on the Launching Sites of AGN outflows Science	80,446 - 112,908 - 15,251 43,541 146,314	1,478 626 40,792 38,918 449,606 24,517 147,579 2,036 15,269 154,199
Direct Direct Direct Direct Direct Direct Direct Direct Direct University of California Santa Barbara NCEAS Direct Direc	43.000 43.000 43.000 43.001	G00014931 G00014933 G00015009 G00010570 G00010587 G00011218 G00011589 KK1831 G00011775 G00012010 G00012010 G00012236 G00012348	AGN Feeding and Feedback in NGC 4151 Dust in the Wind: testing a new paradigm for the nature of AGN feedback Closing in on the Launching Sites of AGN outflows Science	80,446 - 112,908 - 15,251 43,541 146,314	1,478 626 40,792 38,918 449,600 24,517 147,575 2,033 15,266 154,195
Direct Direct Direct Direct Direct Direct Direct Direct Direct University of California Santa Barbara NCEAS Direct University of California Los Angeles Direct University of Memphis Direct Dir	43.000 43.001	G00015009 G00010570 G00010587 G00011218 G00011589 KK1831 G00011775 G00012010 G00012039 G00012236 G00012348	AGN feedback Closing in on the Launching Sites of AGN outflows Science	80,446 - 112,908 - 15,251 43,541 146,314	40,792 38,918 449,606 24,517 147,579 2,036 15,269 154,199 164,227
Direct Direct Direct Direct University of California Santa Barbara NCEAS Direct University of California Los Angeles Direct University of Memphis Direct Dir	43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001	G00010570 G00010587 G00011218 G000011589 KK1831 G00011775 G00012010 G00012039 G00012236 G00012348	Science	80,446 - 112,908 - 15,251 43,541 146,314	38,918 449,606 24,517 147,579 2,036 15,269 154,199 164,227
Direct Direct Direct University of California Santa Barbara NCEAS Direct	43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001	G00010587 G00011218 G00011589 KK1831 G00011775 G00012010 G00012039 G00012236 G00012348	Science Science Science Science Science Science Science	80,446 - 112,908 - 15,251 43,541 146,314	449,606 24,517 147,579 2,036 15,269 154,199 164,227
Direct Direct University of California Santa Barbara NCEAS Direct Columbia University Direct University of California Los Angeles Direct University of Memphis Direct Dire	43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001	G00011218 G00011589 KK1831 G00011775 G00012010 G00012039 G00012236 G00012348	Science Science Science Science Science Science	112,908 15,251 43,541 146,314	24,517 147,579 2,036 15,269 154,199 164,227
Direct University of California Santa Barbara NCEAS Direct University of California Los Angeles Direct University of Memphis Direct Dir	43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001	G00011589 KK1831 G00011775 G00012010 G00012039 G00012236 G00012348	Science Science Science Science Science	15,251 43,541 146,314	147,579 2,036 15,269 154,199 164,227
University of California Santa Barbara NCEAS Direct University of California Los Angeles Direct University of Memphis Direct Dir	43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001	KK1831 G00011775 G00012010 G00012039 G00012236 G00012348	Science Science Science Science	15,251 43,541 146,314	2,036 15,269 154,199 164,227
Direct Columbia University Direct University of California Los Angeles Direct University of Memphis Direct University of Memphis Direct	43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001	G00011775 G00012010 G00012039 G00012236 G00012348	Science Science Science	43,541 146,314	15,269 154,199 164,227
Direct University of California Los Angeles Direct University of Memphis Direct	43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001	G00012010 G00012039 G00012236 G00012348	Science Science	43,541 146,314	154,199 164,227
Direct University of California Los Angeles Direct University of Memphis Direct	43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001	G00012039 G00012236 G00012348	Science	146,314	164,227
Direct University of California Los Angeles Direct University of Memphis Direct	43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001	G00012039 G00012236 G00012348	Science	146,314	164,227
Direct University of California Los Angeles Direct University of Memphis Direct	43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001	G00012236 G00012348			
Direct Columbia University Direct University of California Los Angeles Direct University of Memphis Direct University of Direct University of Memphis Direct	43.001 43.001 43.001 43.001 43.001 43.001 43.001	G00012348	Science		
Direct University of California Los Angeles Direct University of Memphis Direct University of Memphis Direct Direc	43.001 43.001 43.001 43.001 43.001 43.001		Science	.,021	124,317
Direct University of California Los Angeles Direct University of Memphis Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001 43.001 43.001 43.001 43.001	000012363		26,000	
Direct Columbia University Direct University of California Los Angeles Direct University of Memphis Direct University of Memphis Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001 43.001 43.001 43.001		Science	36,000	12,672,863
Direct Direct Direct Direct Direct Direct Direct Direct Columbia University Direct University of California Los Angeles Direct University of Memphis Direct University of Memphis Direct Direct Direct Direct Direct Direct Direct Direct Direct Cornect Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001 43.001 43.001	G00012732	Science	-	76,278
Direct Direct Direct Direct Direct Direct Direct Direct Direct Columbia University Direct University of California Los Angeles Direct University of Memphis Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001 43.001	G00012796	Science	96,043	146,738
Direct Direct Direct Direct Direct Direct Direct Direct Columbia University Direct University of California Los Angeles Direct University of Memphis Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00012806	Science	-	147,994
Direct Direct Direct Direct Columbia University Direct University of California Los Angeles Direct University of Memphis Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University		G00012813	Science	=	58,003
Direct Direct Direct Columbia University Direct University of California Los Angeles Direct University of Memphis Direct Cornegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University		G00012818	Science	-	35,299
Direct Direct Columbia University Direct University of California Los Angeles Direct University of Memphis Direct Cornect Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00012852	Science	58,072	160,058
Direct Direct Columbia University Direct University of California Los Angeles Direct University of Memphis Direct Cornect Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00012894	Science		19,212
Direct Columbia University Direct University of California Los Angeles Direct University of Memphis Direct Columbia Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00012967	Science	88,277	231,795
Columbia University Direct University of California Los Angeles Direct University of Memphis Direct Direct Direct Direct Direct Direct Direct Direct Direct Correct Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00013009	Science	00,277	1,537
Direct University of California Los Angeles Direct University of Memphis Direct Cornegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University		1(GG015418) / PO#G13877/C		-	
University of California Los Angeles Direct University of Memphis Direct Carnegie Mellon University Direct Direct Carnegie Mellon University	43.001			-	8,873
Direct University of Memphis Direct Carnegie Mellon University	43.001	G00013068	Science	=	69,338
University of Memphis Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	2090 G XA211	Science	-	4,227
Direct Carnegie Mellon University Direct Direct Carnegie Mellon University Direct Direct Carnegie Mellon University Direct Carnegie Mellon University Direct Carnegie Mellon University	43.001	G00013122	Science	-	19,426
Direct Carnegie Mellon University	43.001	A20-0099-S001 MOD 2	Science	-	58,160
Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00013192	Science	40,543	91,939
Direct Camegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Camegie Mellon University	43.001	G00013293	Science	-	7,406
Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00013301	Science	-	100,297
Direct Direct Direct Direct Direct Direct Direct Direct Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00013348	Science	61,768	114,020
Direct Direct Direct Direct Direct Direct Direct Direct Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00013424	Science	14,256	87,181
Direct Direct Direct Direct Direct Direct Direct Direct Camegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Camegie Mellon University	43.001	G00013515	Science	155,898	395,159
Direct Direct Direct Direct Direct Direct Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00013576	Science		10,401
Direct Direct Direct Direct Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00013643	Science		92,552
Direct Direct Direct Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00013646	Science		10,897
Direct Direct Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University				-	
Direct Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00013686	Science	07.002	115,527
Direct Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00013793	Science	87,083	98,780
Carnegie Mellon University New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00013851	Science	-	73,477
New Jersey Institute of Technology (NJIT) Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	G00013880	Science	-	65,024
Woods Hole Oceanographic Institution Direct Carnegie Mellon University	43.001	1110244-438416	Science	-	60,242
Direct Carnegie Mellon University	43.001	(NP) 997484	Science	-	30,681
Direct Carnegie Mellon University	43.001	A101521	Science	_	29,994
Carnegie Mellon University	43.001	G00013918	Science	36,686	207,139
	43.001	SUB# 1110245-439456	Science	,500	39,128
	43.001	ASUB00000752	Science		47,054
Arizona State University Direct	43.001	G00014056	Science	-	123,588
				-	
Direct	43.001	G00014057	Science Science	-	75,052
Direct	43.001	G00014085	Science	-	52,718
Clemson University	43.001			-	1,018
Direct	43.001	G00014140	Science	24,480	156,131
Direct	43.001	G00014141	Science	-	7,353
Direct	43.001	G00014142	Science	-	113,167
Direct	43.001	G00014223	Science	_	85,562
JPL	43.001	1666752	Science	_	18,374
Direct	43.001	G00014278	Science	_	548,081
Direct	43.001	G00011276 G00014334	Science		51,892
				_	
Direct	43.001	G00014337	Science	-	39,716
Direct	43.001	G00014442	Science	-	25,235
Direct	43.001	G00014460	Science	-	145,628
Direct	43.001	G00014467	Science	16,890	75,707
Direct	43.001	G00014497	Science	=	5,611
JPL	43.001	1670285	Science	-	22,573
University of California Berkeley	43.001	00010895 PO#BB01534160	Science	<u>=</u>	16,894
Embry-Riddle Aeronautical University	43.001	61684-03	Science	_	51,387
•				-	
Direct	43.001	G00014606	Science	-	17,938
Direct	43.001	G00014608	Science	-	59,480
Clemson University		2378-204-2015147	Science	-	16,753
Direct	43.001	G00014660	Science	-	33,639
Direct		G00014685	Science	-	9,963
Embry-Riddle Aeronautical University	43.001	61704-01 / PO#272608	Science	-	10,340
Direct	43.001 43.001 43.001	G00014696	Science	_	26,258
	43.001 43.001 43.001 43.001			225.752	
Direct Direct	43.001 43.001 43.001	G00014725 G00014726	Science Science	225,750 16,258	447,871 128,091

		Grant Number or Pass- Through Identifying		Amounts Passed through to	Total Federal
antor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Number	Program Title	Subrecipients (\$)	Expenditures (\$
Space Science Institute	43.001	SUBAWD NO. 01090	Science	-	17,9
Direct	43.001	G00014822	Science	-	7,5
Direct	43.001	G00014836	Science	-	20,7
Direct	43.001	G00014871	Science	-	41,8
Direct	43.001	G00014916	Science	-	16,0
Direct	43.001	G00014951	Science	-	29,1
Direct	43.001	G00014954	Science	-	53,1
University of Washington	43.001	UWSC13748 BPO66535	Science	-	7,5
Clemson University	43.001	2425-204-2015473	Science	-	2,7
Cornell University	43.001	SUBAWARD # 142076-2201		-	66,4
University of New Hampshire	43.001	PZL0255	Science	-	14,4
Direct	43.001	G00015161	Science	-	4,0
Direct	43.001	G00015166	Science	-	87,1
Direct	43.001	G00015181	Science	-	25,5
Purdue University	43.001	120000447-022	Science	-	3,3
Direct	43.001	G00015194	Science	-	22,7
Direct	43.001	G00015197	Science	-	5,4
Direct	43.001	G00015264	Science	-	15,3
Direct	43.001	G00015298	Science	-	86,7
Direct	43.001	G00015300	Science	-	45,8
Direct	43.001	G00015308	Science	-	30,9
Montana State University	43.001	NEBP-131	Science	-	2,5
Direct	43.001	G00015482	Science	-	8,6
Direct	43.008	G00010074	Office of Stem Engagement (OSTEM)	-	1,5
Direct	43.008	G00012645	Office of Stem Engagement (OSTEM)	-	46,3
Direct	43.008	G00012874	Office of Stem Engagement (OSTEM)	-	187,0
Direct	43.008	G00013295	Office of Stem Engagement (OSTEM)	36,594	674,0
Direct	43.008	G00013392	Office of Stem Engagement (OSTEM)	-	3,0
Direct	43.008	G00013598	Office of Stem Engagement (OSTEM)	277,173	288,
Direct	43.008	G00013613	Office of Stem Engagement (OSTEM)	-	212,
Direct	43.008	G00014395	Office of Stem Engagement (OSTEM)	-	28,
Direct	43.008	G00014556	Office of Stem Engagement (OSTEM)	-	235,
Direct	43.008	G00014629	Office of Stem Engagement (OSTEM)	-	141,
Direct	43.008	G00014972	Office of Stem Engagement (OSTEM)	-	67,
Direct	43.008	G00015040	Office of Stem Engagement (OSTEM)	-	65,4
National Aeronautics and Space Administration Total				1,714,035	21,583,
National Science Foundation					
SRI International	47.000	SUB# 35444 (AGS-1840962)	PFISR OPERATIONS AND MAINTENANCE SUPPORT Precipitating Change With Alaskan and Hawaiian Schools:	-	429,
The Concord Consortium	47.000	SUBAWARD NO. 354.21.01	Bridging Indigenous and Western Science While Modeling	_	29,
The Concord Consortium Direct	47.000 47.000	SUBAWARD NO. 354.21.01 G00014193	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion	- -	
	47.000 47.000	SUBAWARD NO. 354.21.01 G00014193	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee	-	
			Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion	- - -	79,
Direct	47.000	G00014193	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA)	- - -	79,
Direct	47.000	G00014193	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic	- - -	79,
Direct	47.000	G00014193	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA)	- - -	79, 24,
Direct Bigelow Labs	47.000 47.000	G00014193 301050B	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E	- - - -	79, 24,
Direct Bigelow Labs Direct	47.000 47.000 47.000	G00014193 301050B G00014537	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with	- - - -	79, 24, 15,
Direct Bigelow Labs Direct Alaska Ocean Observing System	47.000 47.000 47.000 47.000	G00014193 301050B G00014537 H0034-03	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms"	- - - -	79, 24, 15, 27,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.041	G00014193 301050B G00014537 H0034-03 G00011741	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering	- - - :	79, 24, 15, 27, 142,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct Direct	47.000 47.000 47.000 47.000 47.041 47.041	G00014193 301050B G00014537 H0034-03 G00011741 G00012113	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering	- - - : - -	79, 24, 15, 27, 142, 47,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct Direct Direct	47.000 47.000 47.000 47.000 47.041 47.041 47.041	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering	- - - : : - - -	79. 24. 15. 27. 142. 47. 6.
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct Direct Direct Direct	47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636	Bridging Indigenous and Western Science While Modeling ,Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering	- - - : - - - -	79. 24. 15, 27. 142. 47. 6, 81.
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct Direct Direct Direct Direct Direct	47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.041	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013885	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering	- - - : - - - - -	79 24 15 27 142 47 6 81
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.041 47.041	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013885 G00014774	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Engineering Engineering Engineering	- - - - - - - - - -	79, 24, 15, 27, 142, 47, 6, 81, 48,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.041 47.041 47.041 47.041	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013855 G00014774 G00012172	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Mathematical and Physical Sciences	- - - : - - - - - -	79. 24. 15, 27, 142. 47, 6, 81, 48, 48,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.041 47.049 47.049	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013885 G00014774 G00012172 G00012904	Bridging Indigenous and Western Science While Modeling ,Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Mathematical and Physical Sciences	- - - : - - - - - - -	79. 24. 15, 27. 142. 47. 6. 81. 48. 48.
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Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.041 47.049 47.049 47.049 47.049	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013636 G00013885 G00014774 G00012172 G00012904 G00012944 G00013524	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Mathematical and Physical Sciences Mathematical and Physical Sciences Mathematical and Physical Sciences	- - - - - - - - - - - - - - - - - - -	79 24 15 27 142 47 6 81 48 48 27 68 70 130
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013636 G00014774 G00012172 G00012172 G00012904 G00012944 G00013524 G00013597	Bridging Indigenous and Western Science While Modeling , Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences	- - - - - - - -	79 24 15 27 142 47 6 81 48 48 27 68 70 130
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Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049 47.049 47.050 47.050 47.050 47.050 47.050 47.050	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013885 G00014774 G00012172 G00012904 G00012944 G00013597 G00013504 G00014320 G00014320 G00014792 G00014891 G00004196 G00009926 G00010085 G00010199 G00010236 G00010371	Bridging Indigenous and Western Science While Modeling , Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Geosciences	- - - - - - - - - - - - - - - - - - -	79, 24, 15, 27, 142, 47, 6, 81, 48, 27, 68, 70, 130, 71, 15, 116, 34, 10, 135, 290, 55, 100, 16, 45,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049 47.049 47.049 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013885 G00013774 G00012172 G00012904 G00012944 G00013524 G00013597 G00013604 G00014920 G00014920 G00014920 G00014920 G00014920 G00014920 G00014920 G00014920 G00014920 G00010350 G00010364 G00010364 G00010371 G00010551	Bridging Indigenous and Western Science While Modeling , Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems — Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Geosciences	- - - - - - - - - - - - - - - - - - -	79. 24. 15. 27. 142. 47. 6. 81. 48. 27. 68. 70. 130. 71. 15. 116. 34. 10. 135. 290. 55. 100. 16. 45.
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049 47.049 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050 47.050	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013885 G00014774 G00012172 G00012904 G00012904 G00012944 G00013524 G00013597 G00013604 G00014792 G00014792 G00014891 G00001996 G00001996 G00010085 G00010199 G00010364 G00010371 G00010371 G00010551 G00010893	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Geosciences	- - - - - - - - - - - - - - - - - - -	79, 24, 15, 27, 142, 47, 6, 81, 48, 28, 70, 130, 71, 15, 116, 16, 34, 10, 135, 290, 55, 100, 16, 45, 38, 1,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049 47.049 47.050	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013885 G00014774 G00012172 G00012904 G00012904 G00012944 G00013524 G00013597 G00013604 G00014992 G00014891 G00004196 G0000952 G00010085 G00010371 G00010371 G00010371 G00010551 G00010893 G00010953	Bridging Indigenous and Western Science While Modeling , Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Geosciences	- - - - - - - - - - - - - - - - - - -	79, 24, 15, 27, 142, 47, 6, 81, 48, 27, 68, 70, 130, 71, 15, 116, 34, 10, 135, 290, 55, 100, 16, 45, 38, 1, 53,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.000 47.001 47.041 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049 47.049 47.050	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013855 G00014774 G00012172 G00012904 G00012944 G00013597 G00013597 G00013604 G00014320 G0001492 G0001492 G0001492 G00010364 G00010371 G00010364 G00010371 G00010551 G00010893 G00010893 G00010953 G00011024	Bridging Indigenous and Western Science While Modeling ,Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Geosciences	- - - - - - - - - - - - - - - - - - -	79, 24, 15, 27, 142, 47, 6, 81, 48, 48, 27, 68, 70, 130, 71, 15, 116, 34, 10, 135, 55, 100, 16, 45, 38, 1, 53, 17,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049 47.049 47.050	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013885 G00014774 G00012172 G00012904 G00012944 G00013524 G00013597 G00013604 G00014920 G00014920 G00014920 G00014920 G00014920 G00014930 G00010364 G0001035 G00010364 G00010364 G00010371 G00010551 G00010893 G00010953 G00010953 G00011024 G00011033	Bridging Indigenous and Western Science While Modeling , Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Geosciences	- - - - - - - - - - - - - - - - - - -	79. 24. 15. 27. 142. 47. 6. 81. 48. 27. 15. 116. 16. 34. 10. 135. 290. 55. 100. 16. 45. 38. 1. 53.
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct Direc	47.000 47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049 47.049 47.050	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013885 G00014774 G00012172 G00012904 G00012904 G00012904 G00014904 G0001490 G0001490 G0001490 G0001085 G0001095 G0001095 G00010371 G00010371 G00010551 G00010953 G00011024 G00011024 G00011024 G00011023 G00011024 G00011023 G00011024 G00011023 G00011024 G00011033 G00011033 G00011033	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Geosciences	- - - - - - - - - - - - - - - - - - -	79, 24, 15, 27, 142, 47, 6, 81, 48, 28, 70, 130, 71, 15, 166, 34, 100, 135, 290, 55, 100, 16, 45, 38, 1, 53, 17,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049 47.049 47.050	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012135 G00013636 G00013885 G00014774 G00012172 G00012904 G00012904 G00013597 G00013597 G00013604 G00014792 G00014891 G00001499 G0001085 G00010085 G00010085 G00010371 G00010551 G00010551 G00010893 G00011024 G00011034 G00011034 G00011035 G00011035 G0001103593 G00011034 G00010551 G00010893 G00011024 G00011033 G00011034 G00011033 G00011034 G00011033 G00011034 G00011033	Bridging Indigenous and Western Science While Modeling , Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Geosciences	- - - - - - - - - - - - - - - - - - -	79, 24, 15, 27, 142, 47, 6, 81, 48, 48, 27, 68, 70, 130, 71, 15, 116, 34, 10, 135, 290, 55, 100, 16, 45, 38, 1, 53, 17, 15, 17, 101,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.000 47.001 47.041 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049 47.049 47.050	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013855 G00014774 G00012172 G00012904 G00012944 G00013524 G00013597 G00013504 G00014320 G00014320 G0001499 G00010364 G000103597 G00010364 G000103597 G00010364 G000103597 G000103597 G000103597 G000103597 G000103597 G000103597 G000103597 G00010236 G00010236 G00010236 G00010371 G00010551 G00010551 G00010353 G00011024 G00011033 G00011034	Bridging Indigenous and Western Science While Modeling ,Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Geosciences	- - - - - - - - - - - - - - - - - - -	79, 24, 15, 27, 142, 47, 6, 81, 48, 48, 27, 68, 70, 130, 71, 15, 116, 16, 34, 10, 135, 290, 55, 100, 16, 45, 38, 1, 53, 17, 101, 39,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049 47.050	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013885 G00014774 G000122172 G00012904 G00012904 G00012944 G00013524 G00013597 G00013604 G00014792 G00014891 G00001499 G00001995 G00010085 G00010199 G00010951 G00010371 G00010551 G00010371 G00010373 G00011024 G00011024 G00011033 G00011024 G00011033 G00011024 G00011033 G00011133 G000111538 G00011557	Bridging Indigenous and Western Science While Modeling , Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Geosciences	- - - - - - - - - - - - - - - - - - -	79, 24, 15, 27, 142, 47, 6, 81, 48, 27, 168, 70, 130, 71, 15, 166, 34, 10, 135, 290, 55, 100, 16, 45, 38, 1, 53, 17, 101, 39, 77,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.000 47.001 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049 47.049 47.050	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013885 G00014774 G00012172 G00012904 G00012904 G00012944 G00013524 G00013597 G00013604 G00014320 G00014792 G00014891 G00004196 G000009926 G00010085 G00010085 G0001099 G00010371 G00010551 G00010893 G00011024 G00011033 G00011034 G00011034 G000110357 G000110387 G000111538	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Geosciences	- - - - - - - - - - - - - - - - - - -	79, 24, 15, 27, 142, 47, 6, 81, 48, 27, 68, 70, 130, 71: 15, 116, 16, 34, 10, 135, 290, 55, 100, 16, 45, 38, 1, 53, 17, 17, 101, 39, 77,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct	47.000 47.000 47.000 47.000 47.000 47.041 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049 47.050	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013885 G00014774 G000122172 G00012904 G00012904 G00012944 G00013524 G00013597 G00013604 G00014792 G00014891 G00001499 G00001995 G00010085 G00010199 G00010951 G00010371 G00010551 G00010371 G00010373 G00011024 G00011024 G00011033 G00011024 G00011033 G00011024 G00011033 G00011133 G000111538 G00011557	Bridging Indigenous and Western Science While Modeling ,Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Geosciences	- - - - - - - - - - - - - - - - - - -	79, 24, 15, 27, 142, 47, 6, 81, 48, 27, 68, 70, 130, 71: 15, 116, 16, 34, 10, 135, 290, 55, 100, 16, 45, 38, 1, 53, 17, 17, 101, 39, 77,
Direct Bigelow Labs Direct Alaska Ocean Observing System Direct Direc	47.000 47.000 47.000 47.000 47.000 47.001 47.041 47.041 47.041 47.049 47.049 47.049 47.049 47.049 47.049 47.050	G00014193 301050B G00014537 H0034-03 G00011741 G00012113 G00012356 G00013636 G00013885 G00014774 G00012172 G00012904 G00012904 G00012944 G00013524 G00013597 G00013604 G00014320 G00014792 G00014891 G00004196 G000009926 G00010085 G00010085 G0001099 G00010371 G00010551 G00010893 G00011024 G00011033 G00011034 G00011034 G000110357 G000110387 G000111538	Bridging Indigenous and Western Science While Modeling Mitigation of Coastal Erosion NSF Assignment Agreement for Olivia Lee AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship UAF contribution to "NSF Convergence Accelerator Track E Backyard Buoys: Equipping Underserved Communities with Ocean Intelligence Platforms" Engineering Engineering Engineering Engineering Engineering Engineering Mathematical and Physical Sciences Geosciences		29,1 79,2 24,3 15,6 27,4 142,9 47,7 6,8 81,4 48,6 48,2 7,1 15,6 116,1 16,6 34,4 10,6 135,1 290,7 15,5 100,7 15,6 17,3 17,5 15,6 17,3 101,7 155,6 156,6 24,6 24,6 24,6

			Grant Number or Pass-		T-4-1 F-11	
antor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Through Identifying Number	Program Title	through to Subrecipients (\$)	Total Federal Expenditures (\$)	
Direct	47.050	G00011707	Geosciences	12,555	113,582	
Direct	47.050	G00011709	Geosciences	238,791	910,279	
Direct	47.050	G00011773	Geosciences	-	124,428	
Direct	47.050	G00011862	Geosciences	-	7,960	
Massachusetts Institue of Technology	47.050	SUBAWARD NO. 107294	Geosciences	-	12,815	
Direct	47.050	G00011993	Geosciences	-	97,729	
Direct	47.050	G00012061	Geosciences	-	70,517	
Direct	47.050	G00012124	Geosciences	-	425	
Direct	47.050 47.050	G00012127 G00012169	Geosciences Geosciences	-	1,041,217 62,392	
Direct Direct	47.050	G00012169 G00012178	Geosciences	-	10,191,870	
Direct	47.050	G00012178 G00012185	Geosciences	-	286,931	
Direct	47.050	G00012163 G00012261	Geosciences	_	76,551	
Direct	47.050	G00012282	Geosciences	-	3,595	
Direct	47.050	G00012291	Geosciences	-	92,073	
Direct	47.050	G00012294	Geosciences	34,789	137,45	
Direct	47.050	G00012316	Geosciences	,,	39,19	
Direct	47.050	G00012318	Geosciences	96,761	486,901	
Direct	47.050	G00012355	Geosciences		20,278	
Direct	47.050	G00012360	Geosciences	27,929	300,560	
Direct	47.050	G00012365	Geosciences		64,985	
Direct	47.050	G00012366	Geosciences	-	76,720	
Cornell University	47.050	SUBAWARD 83568-11156 N	// Geosciences	-	17,637	
Direct	47.050	G00012609	Geosciences	-	380,283	
Direct	47.050	G00012635	Geosciences	-	1,301	
Direct	47.050	G00012684	Geosciences	-	9,514	
Direct	47.050	G00012721	Geosciences	=	124,765	
Direct	47.050	G00012728	Geosciences	-	24,620	
Direct	47.050	G00012740	Geosciences	-	95,193	
Oregon State University	47.050	SUBAWARD # S2089C-B	Geosciences	-	42,228	
Direct	47.050	G00012766	Geosciences	-	148,965	
Direct	47.050	G00012771	Geosciences	-	18,427	
Direct	47.050	G00012772	Geosciences	-	99,255	
Direct	47.050	G00012799	Geosciences	-	384,159	
Direct	47.050	G00012850	Geosciences	35,860	49,970	
Direct	47.050	G00012853	Geosciences	-	57,934	
Direct	47.050	G00012865	Geosciences	-	12,395	
Direct	47.050	G00012875	Geosciences	25,423	62,064	
Direct	47.050	G00012891	Geosciences	-	140,532	
Direct	47.050	G00012895	Geosciences	-	83,221	
Direct	47.050	G00012935	Geosciences	-	321,322	
Direct	47.050	G00012939	Geosciences	-	203,822	
Direct	47.050	G00012976	Geosciences	-	213,415	
Direct	47.050	G00012989	Geosciences	=	75,304	
Direct	47.050	G00012990	Geosciences	-	245,408	
Direct	47.050	G00012991	Geosciences	200,723	691,929	
Direct	47.050	G00013003	Geosciences	-	124,657	
Direct	47.050	G00013004	Geosciences	-	139,072	
Direct	47.050	G00013012	Geosciences	-	131,685	
Direct	47.050	G00013016	Geosciences	-	165,236	
Pennsylvania State University	47.050	S000079-NSF	Geosciences	-	275,611	
Direct	47.050	G00013159	Geosciences	-	212,042	
Pennsylvania State University, The	47.050	S000076-NSF MOD 3 NCE	Geosciences	-	23,269	
Direct	47.050	G00013252	Geosciences	-	14,622	
University of Arizona	47.050	559344	Geosciences	-	9,827	
Direct	47.050	G00013282	Geosciences	-	70,917	
Direct	47.050	G00013323	Geosciences Geosciences	-	54,663	
University of Georgia	47.050	SUB00002210		-	71,956	
Direct Direct	47.050 47.050	G00013378 G00013416	Geosciences Geosciences	-	59,806 94,117	
Direct	47.050	G00013416 G00013510	Geosciences	199,419	1,263,067	
Direct	47.050	G00013510 G00013535	Geosciences	199,419	17,678	
Direct	47.050	G00013559	Geosciences	- -	102,490	
Direct	47.050	G00013569	Geosciences	_	31,000	
Direct	47.050	G00013577	Geosciences	_	42,520	
Direct	47.050	G00013605	Geosciences	_	14,402	
Direct	47.050	G00013611	Geosciences	_	205,272	
Direct	47.050	G00013628	Geosciences	_	191,148	
Direct	47.050	G00013657	Geosciences	_	166,387	
Direct	47.050	G00013669	Geosciences	_	178,388	
Direct	47.050	G00013681	Geosciences	-	91,799	
Woodwell Climate Research Center	47.050	WOODWELL-BGX403-02	Geosciences	-	46,799	
Direct	47.050	G00013700	Geosciences	-	163,712	
Direct	47.050	G00013717	Geosciences	=	10,314	
Direct	47.050	G00013767	Geosciences	-	6,546	
Direct	47.050	G00013796	Geosciences	-	46,354	
Direct	47.050	G00013815	Geosciences	-	26,122	
Direct	47.050	G00013947	Geosciences	-	13,766	
University of Colorado	47.050	1560318/ PO 1001469934	Geosciences	-	69,42	
Direct	47.050	G00014012	Geosciences	-	287,43	
Direct	47.050	G00014051	Geosciences	-	1,564,12	
Direct	47.050	G00014031 G00014110	Geosciences	_	8,15	
Direct	47.050	G00014168	Geosciences	-	4,04	
Direct	47.050	G00014192	Geosciences	-	42,97	
Direct	47.050	G00014195	Geosciences	-	62,898	
			Geosciences		42,596	
Direct	47.050	G00014295	Geosciences			

		Grant Number or Pass- Through Identifying		Amounts Passed through to	Total Federal
Federal Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number		Program Title	Subrecipients (\$)	Expenditures (\$)
Direct	47.050	G00014304	Geosciences	•	382,769
Direct Direct	47.050 47.050	G00014321 G00014323	Geosciences Geosciences	•	- 17,742 - 11,856
Direct	47.050	G00014323 G00014378	Geosciences	·	35,447
Columbia University	47.050	1(GG013282-01)/PO SAPO C			75,753
Direct	47.050	G00014433	Geosciences	-	68,916
Direct	47.050	G00014447	Geosciences	-	27,258
Direct	47.050	G00014493	Geosciences		476,637
Direct	47.050	G00014553	Geosciences	46,717	
Direct Direct	47.050 47.050	G00014586 G00014595	Geosciences Geosciences	-	60,044 107,679
University of Georgia	47.050	AWD-002863-G11	Geosciences		45,917
Direct	47.050	G00014727	Geosciences	-	130,011
Direct	47.050	G00014728	Geosciences		62,193
Direct	47.050	G00014736	Geosciences	=	23,712
Direct	47.050	G00014763	Geosciences	-	55,482
Direct	47.050	G00014935	Geosciences	=	86,090
Direct	47.050	G00014946	Geosciences	-	6,000
Direct Direct	47.050 47.050	G00015033 G00015048	Geosciences Geosciences	•	84,969 48,009
Direct	47.050	G00015048 G00015070	Geosciences		153,054
Direct	47.050	G00015076 G00015084	Geosciences		36,025
Direct	47.050	G00015115	Geosciences		15,115
Cornell University	47.050	SUBAWARD NO:140804-21		-	1,484
Princeton University	47.050	SUB0000611	Geosciences	-	6,709
Direct	47.050	G00015149	Geosciences	-	44,768
Direct	47.050	G00015267	Geosciences	-	36,992
Direct	47.050	G00015330	Geosciences	-	34,281
Direct	47.050	G00015391	Geosciences	-	8,895
Direct Direct	47.050 47.070	G00015452	Geosciences Computer and Information Science and Engineering	•	3,043
Direct	47.070	G00012388 G00014316	Computer and Information Science and Engineering Computer and Information Science and Engineering		87,822 107,279
University of Maryland	47.070	NSF00123-01	Computer and Information Science and Engineering		171,785
Direct	47.070	G00015103	Computer and Information Science and Engineering		7,921
Direct	47.070	G00015117	Computer and Information Science and Engineering		52,708
Direct	47.074	G00010660	Biological Sciences		113,983
Direct	47.074	G00010881	Biological Sciences	=	127
Direct	47.074	G00011029	Biological Sciences	-	10,036
Direct	47.074	G00011192	Biological Sciences	-	12,920
Direct	47.074	G00011285	Biological Sciences		1,276,513
Direct	47.074	G00012225	Biological Sciences	-	95,479
Direct University of Alabama Birmingham	47.074 47.074	G00012317 SUBAWARD NO 000519741	Biological Sciences	•	- 119,201 - 43,541
Direct	47.074	G00012978	Biological Sciences		40,123
Direct	47.074	G00012978 G00012982	Biological Sciences	103,175	
Direct	47.074	G00012502 G00013534	Biological Sciences		5,540
Direct	47.074	G00013608	Biological Sciences		3,800
Direct	47.074	G00013847	Biological Sciences		17,862
Direct	47.074	G00013913	Biological Sciences	-	102,317
Arizona State University	47.074	ASUB00000699	Biological Sciences		- 85
Field Museum of Natural History	47.074	50131-1-FDP	Biological Sciences	=	11,379
Direct	47.074	G00014181	Biological Sciences		37,920
University of Colorado, Boulder	47.074	1560969 / PO# 1001535133	Biological Sciences	-	11,155
Direct	47.074	G00014464	Biological Sciences	•	95,627
Direct Direct	47.074 47.074	G00014487 G00014644	Biological Sciences Biological Sciences	•	36,639 92,634
Direct	47.074	G00014044 G00015024	Biological Sciences		3,646
Direct	47.074	G00015021 G00015032	Biological Sciences		15,386
University of Idaho	47.074	AW5809-826665	Biological Sciences	=	2,634
Direct	47.074	G00015539	Biological Sciences	-	625
Direct	47.075	G00012773	Social, Behavioral, and Economic Sciences	=	65,026
Direct	47.075	G00013630	Social, Behavioral, and Economic Sciences	-	38,413
Direct	47.075	G00014180	Social, Behavioral, and Economic Sciences	-	128,819
George Mason University	47.075	E2055651	Social, Behavioral, and Economic Sciences	-	8,178
Direct	47.075	G00014310	Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	=	43,094
Direct	47.075 47.075	G00014426 G00015073	Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	=	13,654
Direct	47.073	G00013073	STEM Education (formerly Education and Human	•	34,847
Direct	47.076	G00011478	Resources)	-	786,911
			STEM Education (formerly Education and Human		,00,,11
Direct	47.076	G00011558	Resources)		77,015
			STEM Education (formerly Education and Human		
Direct	47.076	G00011679	Resources)	=	391,923
			STEM Education (formerly Education and Human		
Direct	47.076	G00012235	Resources)	-	7,453
D	45.051	G00012207	STEM Education (formerly Education and Human		
Direct	47.076	G00012287	Resources)	-	184,615
Direct	47.076	C00012220	STEM Education (formerly Education and Human		27.702
Direct	47.076	G00012320	Resources) STEM Education (formerly Education and Human	•	26,692
Direct	47.076	G00012364	Resources)	62,786	248,350
Duca	77.070	50001230T	STEM Education (formerly Education and Human	02,780	. 240,330
Direct	47.076	G00012432	Resources)	-	25,133
			STEM Education (formerly Education and Human		,
Direct	47.076	G00012791	Resources)		318,455
			STEM Education (formerly Education and Human		
Direct	47.076	G00013114	Resources)	-	19,198

D D	oirect	47.076		COMPAGE 1 2 40 1 E1 2 111		
D D			G00013136	STEM Education (formerly Education and Human Resources)	_	29,970
D D				STEM Education (formerly Education and Human		
D		47.076	G00013683	Resources) STEM Education (formerly Education and Human	-	799,729
	birect	47.076	G00013902	Resources) STEM Education (formerly Education and Human	-	30,030
D	Direct	47.076	G00013924	Resources)	-	95,386
D	Direct	47.076	G00014112	STEM Education (formerly Education and Human Resources)	20,513	107,450
n	Direct	47.076	G00014170	STEM Education (formerly Education and Human Resources)	_	163,930
				STEM Education (formerly Education and Human		
D	birect	47.076	G00014194	Resources) STEM Education (formerly Education and Human	-	88,645
D	Pirect	47.076	G00014200	Resources) STEM Education (formerly Education and Human	-	57,989
D	pirect	47.076	G00014204	Resources)	-	15,697
W	Vashington State University	47.076	140262-SPC003497	STEM Education (formerly Education and Human Resources)	<u>-</u>	8,871
	•			STEM Education (formerly Education and Human		
A	Luburn University	47.076	21-COSAM-200840-UAK-	-AN Resources) STEM Education (formerly Education and Human	-	434
D	irect	47.076	G00014989	Resources) STEM Education (formerly Education and Human	-	366,563
D	Direct	47.076	G00014990	Resources)	-	180,801
S	outh Dakota State University	47.076	3TB188	STEM Education (formerly Education and Human Resources)	_	98,771
	•			STEM Education (formerly Education and Human		
	Iniversity of New Hampshire Direct	47.076 47.078	P0082372 G00010915	Resources) Polar Programs	-	22,593 432,200
	Pirect	47.078	G00010715 G00011245	Polar Programs	8,435	
	Direct	47.078	G00012671	Polar Programs	-	397,314
	birect birect	47.078 47.078	G00012896 G00013300	Polar Programs Polar Programs	=	188,375 34,850
	Direct	47.078	G00013300 G00013302	Polar Programs	-	69,123
	irect	47.078	G00013303	Polar Programs	-	167,948
	Direct	47.078	G00013314	Polar Programs	3,481	425,232
	irect	47.078	G00013394	Polar Programs	4,189	
	birect birect	47.078 47.078	G00013412 G00013488	Polar Programs Polar Programs	-	35,138 473,912
	Direct	47.078	G00013488 G00013497	Polar Programs	-	2,573
	pirect	47.078	G00013555	Polar Programs	-	277,050
	Direct	47.078	G00013557	Polar Programs	-	225,518
	birect	47.078	G00013579	Polar Programs	-	1,752,458
	birect birect	47.078 47.078	G00013590 G00013596	Polar Programs Polar Programs	-	23,000 76,145
	Direct	47.078	G00013590 G00013603	Polar Programs	-	30,803
D	Direct	47.078	G00013629	Polar Programs	-	134,063
	Direct	47.078	G00013981	Polar Programs	-	79,964
	birect	47.078	G00014076	Polar Programs	-	222,552
	birect birect	47.078 47.078	G00014133 G00014203	Polar Programs Polar Programs	8,750	34,086 135,207
	Direct	47.078	G00014205 G00014205	Polar Programs	6,730	11,004
	pirect	47.078	G00014207	Polar Programs	-	110,348
	Direct	47.078	G00014244	Polar Programs	-	93,765
	birect	47.078	G00014271	Polar Programs Polar Programs	-	3,371
	birect birect	47.078 47.078	G00014296 G00014302	Polar Programs	131,671	119,763 865,233
	Direct	47.078	G00014312	Polar Programs	-	250,022
D	lirect	47.078	G00014348	Polar Programs	=	138,626
	irect	47.078	G00014361	Polar Programs	=	14,552
	birect birect	47.078 47.078	G00014425 G00014427	Polar Programs Polar Programs	=	190,269 20,337
	Iorthern Arizona University	47.078	1004919-01	Polar Programs	-	10,683
	laska Native Tribal Health Consortium	47.078	22-U-378253 AMEND 1	Polar Programs	=	15,578
	Direct	47.078	G00014601	Polar Programs	-	64,266
	birect	47.078	G00014656	Polar Programs	-	269,689
	birect birect	47.078 47.078	G00014679 G00014689	Polar Programs Polar Programs	-	15,174 33,138
	Direct	47.078	G00014762	Polar Programs	-	98,163
D	lirect	47.078	G00014794	Polar Programs	=	113,222
	Direct	47.078	G00014803	Polar Programs	-	12,586
	Direct Direct	47.078 47.078	G00014806 G00014876	Polar Programs Polar Programs	-	1,642 25,576
	Direct	47.078	G00014878 G00014888	Polar Programs	-	4,257,977
	Direct	47.078	G00014898	Polar Programs	-	8,048
	Direct	47.078	G00014938	Polar Programs	12,698	157,787
	birect	47.078	G00014980	Polar Programs	-	90,539
	birect birect	47.078	G00015010 G00015196	Polar Programs Polar Programs	-	63,352 9,248
	Direct	47.078 47.078	G00015196 G00015205	Polar Programs Polar Programs	-	9,248 4,420
	birect	47.078	G00015203 G00015223	Polar Programs	-	5,657
	Direct	47.078	G00015409	Polar Programs	-	3,774
n	Direct	47.078	G00015421	Polar Programs	-	32,966
	Direct	47.078 47.078	G00015472 G00015503	Polar Programs Polar Programs	-	5,669 657

antor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass- Through Identifying Number	Program Title	Amounts Passed through to Subrecipients (\$)	Total Federal Expenditures (\$)
University of Southern California	47.079	67449315 / PO#10372986	Office of International Science and Engineering	-	2,54
Direct	47.079		Office of International Science and Engineering	-	241,10
George Washington University	47.083		Integrative Activities	=	28,5
Direct	47.083		Integrative Activities	-	4,013,7
Direct	47.083		Integrative Activities	420,336	917,0
Direct	47.083		Integrative Activities	-	17,0
Direct	47.083	G00013160	Integrative Activities	-	17,7
Direct	47.083	G00013162	Integrative Activities	-	105,7
Direct	47.083	G00013175	Integrative Activities	=	40,4
South Dakota School of Mines & Technology	47.083	SDSMT-UAA 21-07 AMD 2	Integrative Activities	-	35,9
Boise State University	47.083	8220-PO139246	Integrative Activities	-	132,7
Direct	47.083		Integrative Activities	-	54,2
Direct	47.083		Integrative Activities	_	70,4
University of Montana	47.083	2119689-PG22-66463-01MOI		_	100,0
Direct	47.083		Integrative Activities Integrative Activities		27,7
Direct	47.083		Integrative Activities		21,4
Direct				-	10,7
National Science Foundation Total	47.083	G00015323	Integrative Activities	1,695,001	55,444,
					, , , ,
Environmental Protection Agency Direct	66.202	G00015072	Congressionally Mandated Projects	-	94,9
Direct	66.461	G00013248	Regional Wetland Program Development Grants	_	96,
Chugach Regional Resources Commission	66.461		A Regional Wetland Program Development Grants	-	2,4
-					
Direct	66.509		Science To Achieve Results (STAR) Research Program	32,696	119,9
AK Department of Environmental Conservation	66.605		Performance Partnership Grants	-	(
AK Department of Environmental Conservation	66.605	ADN #18230079	Performance Partnership Grants	-	27,0
			Environmental Information Exchange Network Grant		
Direct	66.608	G00013104	Program and Related Assistance		53,4
Environmental Protection Agency Total				32,696	395,8
Department of Energy					
1			UAF participation in: "Resilient Alaskan Distribution system		
			Improvements using Automation, Network analysis, Control,		
Idaho National Laboratory	81.000	STANDARD RESEARCH CO	and Energy storage"	-	44,5
			Interdisciplinary Research for Arctic Coastal Environments		
Los Alamos National Laboratory	81.000	585557 / EP72698	(INTERFACE)	-	716,
Idaho National Laboratory	81.000	CONTRACT NO. 226920 MO	INL Consultation Assistance	-	105,
Lawrence Berkeley National Lab	81.000		The importance of power: valuation of electricity	_	2,0
Argonne National Laboratory	81.000		DOE-ARM Lead Mentor Arctic Precipitation	_	218,7
Argonne National Laboratory	81.000		ARM Lead Mentor 2020		148,3
Algoline National Laboratory	81.000			-	140,.
			Classification of Cloud Particle Imagery and		
			Thermodynamics (COCPIT): Development of a New Tool		
			for Classification, Environmental Identification, and		
			Exploration of Cloud Particle Images Captured During DOE		
State University of New York	81.000	2-89114	Field Campaigns	-	17,2
			Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for		
Municipality of Anchorage	81.000	PO# 2021001664	Municipal Solid Waste Collection	=	8,6
			Implement, Run, and Evaluate a Marine Biogeochemistry		
			capability in an Artic-focused configuration of the Energy		
			Exascale Earth System Model (E3SM-Artic) Research and		
Los Alamos National Laboratory	81.000	629033 / PO EP124510	Development Services		78,2
Los Alamos Ivational Laboratory	81.000	029033710 El 124310	*		
				-	
Vola University	81,000	CON 90002265 (CP114220)	UAF participation in "Patterns and Value of Co-Adoption of	-	
Yale University	81.000	CON-80003265 (GR114320)	Solar and Related Energy Technologies"	-	
·			Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of	-	10,0
Yale University Los Alamos National Laboratory	81.000 81.000		Solar and Related Energy Technologies"	- - -	10,
·		626546 / PO EP35749	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of	- - -	10,
•		626546 / PO EP35749	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change	- - -	10, 10,
Los Alamos National Laboratory	81.000	626546 / PO EP35749 NO. B655882	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska	-	10,0
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory	81.000 81.000	626546 / PO EP35749 NO. B655882	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit		10,1 10,1 25,1
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory	81.000 81.000 81.000	626546 / PO EP35749 NO. B655882 283143	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis		10, 10, 25, 5,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory	81.000 81.000 81.049	626546 / PO EP35749 NO. B655882 283143 4000116073	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program	- - -	10, 10, 25, 5, 506,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct	81.000 81.000 81.049 81.049	NO. B655882 283143 4000116073 G00011748	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Office of Science Financial Assistance Program	- - - - 25,000	10, 10, 25, 5, 506, 189,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct	81.000 81.000 81.049 81.049 81.049	NO. B655882 283143 4000116073 G00011748 G00012276	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Office of Science Financial Assistance Program Office of Science Financial Assistance Program	25,000	10,0 10,0 25,0 5,5 506,189,222,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct	81.000 81.000 81.049 81.049 81.049 81.049	NO. B655882 283143 4000116073 G00011748 G00012276 G00012986	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program	- - -	10, 10, 25, 5, 506, 189, 222, 931,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct	81.000 81.000 81.049 81.049 81.049 81.049 81.049	626546 / PO EP35749 NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program	25,000	10, 10, 25, 5, 506, 189, 222, 931,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct	81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049	NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program	25,000	10,4 25,4 5.5,506,189,222,931,4 90,059,4
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Direct	81.000 81.000 81.049 81.049 81.049 81.049 81.049	NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program	25,000	10,4 25,4 5.5,506,189,222,931,4 90,059,4
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Direct Pacific Northwest National Laboratory PNNL	81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049	NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program	25,000	10, 10, 25, 5, 506, 189, 222, 931, 90, 59, 28,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Direct Pacific Northwest National Laboratory PNNL University of Illinois at Champaign	81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.049	626546 / PO EP35749 NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program	25,000	10, 10, 25, 5, 506, 189, 222, 931, 90, 59, 28,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct	81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.049	626546 / PO EP35749 NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Renewable Energy Research and Development	25,000	10, 10, 25, 5, 506, 189, 222, 931, 90, 59, 28, 55,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Pacific Northwest National Laboratory PNNL University of Illinois at Champaign Direct University of Washington	81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.087	NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Renewable Energy Research and Development Renewable Energy Research and Development	25,000 - 25,000 - 569,159 - - -	10,0 10,0 25,1 506,1 189,2 222,931,1 90,1 59,1 28,5,5,5,5,1 137,0
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Pacific Northwest National Laboratory PNNL University of Illinois at Champaign Direct University of Washington Direct	81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.087 81.087	NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431 G00014407	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Renewable Energy Research and Development Renewable Energy Research and Development Renewable Energy Research and Development	25,000	10,4 10,4 25,4 5.5 506,6 189,9 222,2 931,4 90,6 59,9 28,5 55,5 55,1 37,4
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Direct Direct Direct Direct Direct Direct University of Illinois at Champaign Direct University of Washington Direct University of Washington Direct Kawerak Inc.	81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.087 81.087	626546 / PO EP35749 NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431 G00014407 KAWERAK CSA DATED 3/1	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Renewable Energy Research and Development	25,000 - 25,000 - 569,159 - - -	10,4 25,4 5,5 506, 189,5 222,2 931,1 90,3 59,4 28,5 55,5 55,4 137,4 436,6 2,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Direct Direct Direct Direct Direct University of Illinois at Champaign Direct University of Washington Direct Kawerak Inc. Direct	81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.067 81.087	626546 / PO EP35749 NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431 G00014407 KAWERAK CSA DATED 3/1 G00012073	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Renewable Energy Research and Development Renewable Energy Research and Development Renewable Energy Research and Development Fossil Energy Research and Development	25,000 - 569,159 - - - - 217,824	10,0 10,0 25,0 5 506, 189, 222, 931,1 90,; 59,0 28, 55,5 55,137,436,0 2,2,174,0
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Pacific Northwest National Laboratory PNNL University of Illinois at Champaign Direct University of Washington Direct University of Washington Direct Kawerak Inc. Direct Direct	81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.087 81.087 81.087 81.087	NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431 G00014407 KAWERAK CSA DATED 3/1 G00012073 G00012107	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Renewable Energy Research and Development Renewable Energy Research and Development I Renewable Energy Research and Development Fossil Energy Research and Development Fossil Energy Research and Development	25,000 - 25,000 - 569,159 - - -	10,0 10,0 5,5 506,189,2 222,931,1 90,59,4 28,55,55,137,1 436,4 2,174,6
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Pacific Northwest National Laboratory PNNL University of Illinois at Champaign Direct University of Washington Direct Kawerak Inc. Direct University of North Dakota	81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.087 81.087 81.087 81.087 81.089 81.089	NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431 G00014407 KAWERAK CSA DATED 3/1 G00012073 G00012107 G-050-96 / FY20-XCL-226	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Renewable Energy Research and Development Renewable Energy Research and Development I Renewable Energy Research and Development Fossil Energy Research and Development	25,000 - 569,159 - - - - 217,824 - 520,856	10,4 25,4 5,5 506,6 189,9 222,7 931,4 90,6 59,9 28,7 55,5 55,1 137,1 436,4 2,1 174,4 624,4 388,3
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Pacific Northwest National Laboratory PNNL University of Illinois at Champaign Direct University of Washington Direct Kawerak Inc. Direct Direct Direct	81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.087 81.087 81.087 81.087	NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431 G00014407 KAWERAK CSA DATED 3/1 G00012073 G00012107 G-050-96 / FY20-XCL-226	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Renewable Energy Research and Development Renewable Energy Research and Development I Renewable Energy Research and Development Fossil Energy Research and Development Fossil Energy Research and Development	25,000 - 569,159 - - - - 217,824	10, 10, 25, 5, 506, 189, 222, 931, 90, 59, 28, 55, 55, 137, 436, 2, 174, 624, 388,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Pacific Northwest National Laboratory PNNL University of Illinois at Champaign Direct University of Washington Direct Kawerak Inc. Direct University of North Dakota	81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.087 81.087 81.087 81.087 81.089 81.089 81.089 81.089	026546 / PO EP35749 NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431 G00014407 KAWERAK CSA DATED 3/1 G00012073 G00012107 G-050-96 / FY20-XCL-226 G00014414	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Renewable Energy Research and Development Renewable Energy Research and Development Renewable Energy Research and Development Fossil Energy Research and Development	25,000 569,159 - - - - - 217,824 - 520,856 - 102,010 38,938	10, 10, 25, 5, 506, 189, 222, 931, 90, 59, 28, 55, 55, 137, 436, 2, 174, 624, 388, 421,
Los Alamos National Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Pacific Northwest National Laboratory PNNL University of Illinois at Champaign Direct University of Washington Direct Cawerak Inc. Direct University of North Dakota Direct University of North Dakota	81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.087 81.087 81.087 81.087 81.087	026546 / PO EP35749 NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431 G00014407 KAWERAK CSA DATED 3/1 G00012073 G00012107 G-050-96 / FY20-XCL-226 G00014414	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Renewable Energy Research and Development Renewable Energy Research and Development Renewable Energy Research and Development Fossil Energy Research and Development	25,000 - 569,159 - - - 217,824 - 520,856 - 102,010	10, 10, 25, 5, 506, 189, 222, 931, 90, 59, 28, 55, 55, 137, 436, 2, 174, 624, 388, 421,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Direct Direct University of Illinois at Champaign Direct University of Washington Direct University of Washington Direct Livet	81.000 81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.087 81.087 81.087 81.089 81.089 81.089	626546 / PO EP35749 NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431 G00012073 KAWERAK CSA DATED 3/1 G00012107 G-050-96 / FY20-XCL-226 G00014414 G00015159 G00012044	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Renewable Energy Research and Development Renewable Energy Research and Development Renewable Energy Research and Development Fossil Energy Research and Development	25,000 569,159 - - - - - 217,824 - 520,856 - 102,010 38,938	10, 10, 10, 25, 5, 506, 189, 222, 931, 90, 59, 28, 55, 55, 137, 436, 2, 174, 624, 388, 421,
Los Alamos National Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Direct Direct Direct Direct University of Illinois at Champaign Direct University of Washington Direct University of Washington Direct University of North Dakota	81.000 81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.087 81.087 81.087 81.087 81.089 81.089 81.121 81.135 81.135	626546 / PO EP35749 NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431 G0001407 KAWERAK CSA DATED 3/1 G00012073 G00012107 G00012074 G00012107 G00012075 G00012107 G00012075 G00012074 G00012076 G00014414	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Renewable Energy Research and Development Renewable Energy Research and Development I Renewable Energy Research and Development Fossil Energy Research and Development	25,000 569,159 - - - - - 217,824 - 520,856 - 102,010 38,938	10, 10, 25, 5, 506, 189, 222, 931, 90, 59, 28, 55, 55, 137, 436, 2, 174, 624, 388, 421,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Pacific Northwest National Laboratory PNNL University of Illinois at Champaign Direct University of Washington Direct Kawerak Inc. Direct University of North Dakota Direct University of North Dakota Direct University of Minnesota Direct University of Minnesota	81.000 81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.087 81.087 81.087 81.087 81.087 81.087 81.087 81.087 81.1087 81.135 81.135	026546 / PO EP35749 NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431 G00012073 G00012107 G-050-96 / FY20-XCL-226 G00014414 G00015159 G00012044 A007310601 G00013668	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program In Science Financial Assistance Program Office of Science Financial Assistance Program Office of Science Financial Assistance Program In Science Financial Assistance Program Office of Science Financial A	25,000 569,159 - - - - - 217,824 - 520,856 - 102,010 38,938	10, 10, 10, 25, 5, 506, 189, 222, 931, 90, 59, 28, 55, 55, 137, 436, 2, 174, 624, 388, 421, 69,
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Pacific Northwest National Laboratory PNNL University of Illinois at Champaign Direct University of Washington Direct Kawerak Inc. Direct Direct University of North Dakota Direct University of North Dakota Direct University of Minnesota Direct	81.000 81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.087 81.087 81.087 81.087 81.089 81.089 81.135 81.135 81.135 81.135	026546 / PO EP35749 NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431 G00012407 KAWERAK CSA DATED 3/1 G00012073 G00012107 G-050-96 / FY20-XCL-226 G00014414 G00015159 G00012044 A007310601 G00013668 G00013873	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program Renewable Energy Research and Development Fossil Energy Research Development Fossil Energy Research and Development Fossil Energy Research Development Fossil Energy Research Projects Agency - Energy Advanced Research Projects Agency - Energy Advanced Research Projects Agency - Energy	25,000 569,159 - - - 217,824 - 520,856 - 102,010 38,938 323,080	10,0 10,0 5,5 5,5 5,6 189,2 222,9 311,9 90,5 59,1 28,5 55,5 55,1 137,1 436,6 2,174,4 624,3 88,4 421,6 69,4 475,8,6 66,75,5
Los Alamos National Laboratory Lawrence Livermore Nat'l Laboratory Idaho National Laboratory Battelle Oak Ridge National Laboratory Direct Direct Direct Pacific Northwest National Laboratory PNNL University of Illinois at Champaign Direct University of Washington Direct Kawerak Inc. Direct University of North Dakota Direct University of North Dakota Direct University of Minnesota Direct University of Minnesota	81.000 81.000 81.000 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.087 81.087 81.087 81.087 81.087 81.087 81.087 81.087 81.1087 81.135 81.135	626546 / PO EP35749 NO. B655882 283143 4000116073 G00011748 G00012276 G00012986 G00013317 CONTRACT NO: 522253 101305-18115 G00014311 G00012815 UWSC11792 / BPO # 47431 G00012073 KAWERAK CSA DATED 3/1 G0001207 G-050-96 / FY20-XCL-226 G00014414 G00015159 G00012044 A007310601 G00013668 G00013873 G00014032	Solar and Related Energy Technologies" Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change Real-Time Earthquake Monitoring and Reporting Supporting Missle Defense Agency Operations at Fort Greely, Alaska Marine Energy Net Zero Microgrid: Data Collection, Toolkit Development and Use Case Analysis Office of Science Financial Assistance Program In Science Financial Assistance Program Office of Science Financial Assistance Program Office of Science Financial Assistance Program In Science Financial Assistance Program Office of Science Financial A	25,000 569,159 - - - - - 217,824 - 520,856 - 102,010 38,938	10,6 10,6 25,6 5,2 506,3 189,2 222,4 931,6 90,8 59,6 137,6 436,6 2,1 174,4 624,4 388,8 421,1 69,6 475,1,8 8,9 66,7 75,2 912,2

al Gran	ntor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass- Through Identifying Number	Program Title	Amounts Passed through to Subrecipients (\$)	Total Federal Expenditures (S
	Department of Education					
	Department of Education			Education Innovation and Research (formerly Investing in		
	Direct Department of Education Total	84.411	G00013882	Innovation (i3) Fund)		1,997,
	Беринтен ој Ешсинов Тош				·	- 1,997,.
	Department of Health and Human Services					
	National Partnership for Environmental Technology Education	93.000	7211522 MOD4 NCE	CCCHST NPETE Financial Support PWSC FY16 Assessing the Role of Culture in Reducing Recidivism among		-
	University of Michigan	93.000	SUBK00011394 MOD4 NCE	Alaska Native and American Indian Women		- 3,:
				Project ECHO: National Nursing Home COVID-19 Action		
	University of New Mexico	93.000	SUBCONTRACT 3RJK7 AM]]Network		- 98,
	Mount Sinai School of Medicine	93.000	0258-C504-4609	CEIRR Data Management and Study Integration (DMSI)		35,0
	Institute of Translational Health Sciences	93.000	DCD 101/DDO64417	Pharmacodynamic and prototype refinement of BCP-191		- 67.:
	AK Dept Health & Social Services	93.000	BCP-191/BPO64417 ADN 1630387	FY23 Salary for SOA Virology Lab - Jiguo "Jack" Chen		- 67,. - 57,:
	Direct	93.000	G00015208	Kuskokwim Health Sciences Facility		- 14,
	Direct	93.000	G00015291	Pural Alacka Students in One Health Passarch (PASOP)		- 146,
	Ketchikan Gateway Borough School Districtr	93.000	G00015381 AWD DTD 05/30/23	Rural Alaska Students in One-Health Research (RASOR) Ketchikan Gateway Borough School District AWARE		- 146, - 1,
	, ,			, ,		
	University of Washington	93.000	AWD DTD 4/14/23 \$1,500	NNLM: Region 5 Supplemental Collection Equity Award		- 1,:
	Direct	93.048	G00013558	Special Programs for the Aging, Title IV, and Title II, Discretionary Projects		- 8,
	University of Washington	93.121	UWSC11173 / BPO 40314	Oral Diseases and Disorders Research		- 102,9
	University of Oklahoma	93.172	2022-44 AMND 1	Human Genome Research		- 6,
	Alaska Native Tribal Health Consortium Direct	93.226 93.242	19-U-303196 AMD 5	Research on Healthcare Costs, Quality and Outcomes Mental Health Research Grants	146 926	512,
	University of Michigan	93.242	G00011624 SUBK00011482/PO # 300572	Mental Health Research Grants	146,820) 312, - 4,
	, · · · · · · · · · · · · · · ·			Substance Abuse and Mental Health Services Projects of		.,
	Direct	93.243	G00011053	Regional and National Significance		- 32,
	Direct	93.243	G00011057	Substance Abuse and Mental Health Services Projects of Regional and National Significance		- 60,
	Bitet	75.243	G00011037	Substance Abuse and Mental Health Services Projects of		- 00,
	Direct	93.243	G00011084	Regional and National Significance		- 55,
	N. C. APR. CH. D.	02.242	NUMBER OF LANDROWS	Substance Abuse and Mental Health Services Projects of		122
	Native Village of Hooper Bay	93.243	NVHPB-001 / **BBO**	Regional and National Significance Substance Abuse and Mental Health Services Projects of	•	- 132,
	Direct	93.243	G00013730	Regional and National Significance		- 9,
				Substance Abuse and Mental Health Services Projects of		••
	AK Dept Education & Early Development	93.243	ADN 05231041	Regional and National Significance Substance Abuse and Mental Health Services Projects of		- 28,
	Division of Public Health	93.243	ADN 1630330	Regional and National Significance		- 88,
				Substance Abuse and Mental Health Services Projects of		
	Division of Behavioral Health Direct	93.243 93.273	ADN 1630529 G00010333	Regional and National Significance Alcohol Research Programs	37,379	- 24, 259,
	Montana State University	93.279	G222-22-W9024 AMD 3	Drug Abuse and Addiction Research Programs	31,313	- 60,
	University of Michigan	93.279	SBUK00017512/PO 30070156	6 Drug Abuse and Addiction Research Programs		- 39,
	Mayo Clinic	93.279		A Drug Abuse and Addiction Research Programs		- 10,
	University of California Los Angeles Direct	93.307 93.307	1920GZA061 MOD3 YR4 G00014648	Minority Health and Health Disparities Research Minority Health and Health Disparities Research	•	- 117, - 94,
	Direct	93.310	G00009789	Trans-NIH Research Support		- 94,
	Direct	93.310	G00012782	Trans-NIH Research Support	312,448	
	Direct	93.310	G00012783	Trans-NIH Research Support		- 610,
	Direct Portland State University (PSU)	93.310 93.310	G00012784 ALF DTD 05/08/2023 \$11,378	Trans-NIH Research Support	•	- 1,164, - 71,
	Other Nonprofit Organizations	93.393	PO#04 0001119472	Cancer Cause and Prevention Research		- 132,
	Arizona State University	93.393	ASUB00001195	Cancer Cause and Prevention Research		- 20,
	Direct	93.395	G00014772	Cancer Treatment Research		- 43,
	Direct	93.632	G00012308	University Centers for Excellence in Developmental Disabilities Education, Research, and Service		371.
	Bilect	75.052	300012300	University Centers for Excellence in Developmental		3/1,
	Direct	93.632	G00014091	Disabilities Education, Research, and Service		- 10,
	Direct	02.622	C00014622	University Centers for Excellence in Developmental Disabilities Education, Research, and Service		- 102,
	Direct	93.632	G00014632	University Centers for Excellence in Developmental	•	- 102,
	Direct	93.632	G00014778	Disabilities Education, Research, and Service		- 26,
	University of Nevada, Las Vegas	93.659	SUBAWARD-GR11260 AMN			- 27,
	National Jewish Health	93.837	20112502 AMEND 6	Cardiovascular Diseases Research Diabetes, Digestive, and Kidney Diseases Extramural	•	- 9,
	Direct	93.847	G00011134	Research	19,771	29,
				Diabetes, Digestive, and Kidney Diseases Extramural		
	Oregon Health & Science University	93.847	1013984_UAF	Research Diabetes, Digestive, and Kidney Diseases Extramural	•	- 3,
	Direct	93.847	G00014961	Research		- 42,
				Diabetes, Digestive, and Kidney Diseases Extramural		
	University of Kentucky	93.847	MOD2-PO7800006767	Research		-
	Direct	93.853	G00015155	Extramural Research Programs in the Neurosciences and Neurological Disorders		- 51,
	Direct	93.855	G00019193 G00010652	Allergy and Infectious Diseases Research		- 65,
	Northwest Indian College	93.859	SUBAWARD NO: NWIC-SA	Biomedical Research and Research Training		- 138,
	University of Washington	93.859	UWSC10374 / BPO30153	Biomedical Research and Research Training		- 2010
	Direct Direct	93.859	G00012744	Biomedical Research and Research Training Biomedical Research and Research Training	110.704	2,049,
	Direct Direct	93.859 93.859	G00012834 G00012869	Biomedical Research and Research Training Biomedical Research and Research Training	110,795 10,638	
	2.100	10.001	500012007	Biomedical Research and Research Training	10,036	, 39,.

			Grant Number or Pass-		Amounts Passed	
Federal Gra	antor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Through Identifying Number	Program Title	through to Subrecipients (\$)	Total Federal Expenditures (\$)
reuerar Gra	Montana State University	93.859	G261-21-W8660	Biomedical Research and Research Training	-	89,306
	Montana State University	93.859	G284-21-W8663	Biomedical Research and Research Training	-	2,613
	Stony Brook University Montana State University	93.859 93.859	79590/1142917/1 G300-21-W8663	Biomedical Research and Research Training Biomedical Research and Research Training	- 8,999	11,748 9,899
	Montana State University	93.859	G279-21-W8663	Biomedical Research and Research Training	0,777	20
	Southcentral Foundation	93.859	2021-465	Biomedical Research and Research Training	-	126
	University of Nevada, Las Vegas	93.859		Biomedical Research and Research Training	=	207,409
	Direct University of Nevada, Las Vegas	93.859 93.859	G00014921 GR16014	Biomedical Research and Research Training Biomedical Research and Research Training	-	158,685 131,019
	Southcentral Foundation	93.859	2022-329	Biomedical Research and Research Training	- -	2,709
	Alaska Native Tribal Health Consortium	93.859		Biomedical Research and Research Training	-	1,487
	University of Wisconsin Oshkosh	93.859	SUBAWARD FSA.23.003	Biomedical Research and Research Training	-	538
	Northwest Indian College Direct	93.859 93.859	NWIC-24230SA-UAF G00015413	Biomedical Research and Research Training Biomedical Research and Research Training	-	5,743 14,197
	Direct	93.839	G00013413	Biomedical Research and Research Training	-	14,197
	Merrimack College	93.865	2211102 AMD 2	Child Health and Human Development Extramural Research	-	42,107
	Direct	93.866	G00014647	Aging Research		161,191
	Department of Health and Human Services Total				646,850	13,319,067
	Department of Homeland Security					
	Direct	97.061	G00009634	Centers for Homeland Security	449,560	964,497
	Department of Homeland Security Total				449,560	964,497
	U.S. Agency for International Development					
	Purdue University	98.000	F0004868402100	Feed the Future Innovation Lab for Food Safety		31,462
	U.S. Agency for International Development Total					31,462
Total Resea	arch and Development Cluster				25,090,632	177,748,507
						,,
477 Cluster						
	Department of Health and Human Services					
	Assoc Village Council Presidents	93.558	2021-01-TAN-02	Temporary Assistance for Needy Families	-	493,132
	Assoc Village Council Presidents	93.558	SUBAWARD DTD 12/14/22 S	Temporary Assistance for Needy Families		605,363
	Department of Health and Human Services Total					1,098,495
Total 477 C	luster					1,098,495
						, ,
Economic I	Development Cluster					
	Department of Commerce					
	Direct	11.307	G00012832	Economic Adjustment Assistance	-	43,963
	State of Ak Department of Commerce, Community & Economic De		ADN 08-2022-0215-2	Economic Adjustment Assistance	-	47,336
	Direct Southeast Conference	11.307 11.307	G00014899 07-70-07900	Economic Adjustment Assistance Economic Adjustment Assistance	-	5,178 1,150
	Southeast Conference	11.307	07-70-07900	Economic Adjustment Assistance	-	6,821
	Southeast Conference	11.307	07-70-07900	Economic Adjustment Assistance		2,233
	Department of Commerce Total					106,681
Total Econo	omic Development Cluster					106,681
Fish and W	ildlife Cluster					
	Department of Interior					
	Alaska Dept of Fish and Game Wildlife Conservation	15.605	ADN 1123117-3	Sport Fish Restoration	-	78,871
	Alaska Dept. of Fish and Game	15.611	1199174	Wildlife Restoration and Basic Hunter Education	=	150,474
	Alaska Department of Fish and Game	15.611	1122127	Wildlife Restoration and Basic Hunter Education	=	7
	Alaska Dept. of Fish and Game Alaska Dept of Fish and Game Wildlife Conservation	15.611 15.611	1123112 ADN 1123143	Wildlife Restoration and Basic Hunter Education Wildlife Restoration and Basic Hunter Education	-	72,749 92,499
	Alaska Dept of Fish and Game Alaska Dept. of Fish and Game	15.611	ADN# 1123069	Wildlife Restoration and Basic Hunter Education	-	8,530
	Alaska Dept. of Fish and Game	15.611	ADN# 1123093	Wildlife Restoration and Basic Hunter Education		47,525
	Department of Interior Total					450,655
Total Fish a	and Wildlife Cluster					450,655
						100,000
suppiemeni	tal Nutrition Assistance Program Cluster Department of Agriculture					
	University Of Hawaii	10.561	MA1730	State Administrative Matching Grants for the Supplemental Nutrition Assistance Program		15,967
	University Of Hawaii	10.501	WA1/30	State Administrative Matching Grants for the Supplemental	-	13,907
	AK Dept Health & Social Services	10.561	164-271-23004	Nutrition Assistance Program		134,857
	Department of Agriculture Total					
						150,824
	lemental Nutrition Assistance Program Cluster					
	ter	84.042	G00013565	TRIO Student Support Services	-	
	Department of Education Direct Direct	84.042	G00013627	TRIO Student Support Services	- -	202,869
	Department of Education Direct Direct Direct	84.042 84.042	G00013627 G00013782	TRIO Student Support Services TRIO Student Support Services	- - -	202,869 262,119
	Department of Education Direct Direct Direct Direct Direct	84.042 84.042 84.044	G00013627 G00013782 G00014496	TRIO Student Support Services TRIO Student Support Services TRIO Talent Search	- - - -	202,869 262,119 256,770
	Department of Education Direct Direct Direct Direct Direct Direct	84.042 84.042 84.044 84.047	G00013627 G00013782 G00014496 G00011700	TRIO Student Support Services TRIO Student Support Services TRIO Talent Search TRIO Upward Bound	- - - - -	202,869 262,119 256,770 74,308
Total Suppl	Department of Education Direct Direct Direct Direct Direct	84.042 84.042 84.044	G00013627 G00013782 G00014496	TRIO Student Support Services TRIO Student Support Services TRIO Talent Search	- - - - 112,138	285,792 202,869 262,119 256,770 74,308 68,310 1,306,536

ederal Gran	tor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass- Through Identifying Number	Program Title	Amounts Passed through to Subrecipients (\$)	Total Federal Expenditures (\$)
	Direct	84.047	G00015081	TRIO Upward Bound	-	178,54
	Direct	84.047	G00015271	TRIO Upward Bound	-	84,15
	Direct Department of Education Total	84.217	G00015135	TRIO McNair Post-Baccalaureate Achievement	112,138	14,28 2,938,7
	Department of Laucation Total				112,130	2,930,71
TRIO (Cluster				112,138	2,938,71
A Cluste	er					
	Department of Labor					
	AK Dept. of Labor and Workforce Dev.	17.259	ADN 07-2023-5030 MOD 1	WIOA Youth Activities	0	6,3
	Department of Labor Total	17.233	7.5.N. 0.7. 2.0.2.3 3.0.3.0 M. 0.0.3 1	Wist routinedwites		
WIOA	Cluster					6,39
er						
	Department of Agriculture					
	AK Division of Agriculture	10.179	AKDIV AG VIA AM200100	Micro-Grants for Food Security Program	_	2,66
	AK Division of Agriculture	10.179	MGFS 2022-5805	Micro-Grants for Food Security Program	-	5,07
		10.179 Total				7,74
	Direct	10.220	C00012426	Alaska Native Serving and Native Hawaiian Serving	24.025	102.60
	Direct	10.228	G00012426	Institutions Education Grants Alaska Native Serving and Native Hawaiian Serving	24,035	103,60
	Direct	10.228	G00013118	Institutions Education Grants	-	160,98
				Alaska Native Serving and Native Hawaiian Serving		
	Direct	10.228	G00013583	Institutions Education Grants	-	250,66
	Direct	10.228	G00014269	Alaska Native Serving and Native Hawaiian Serving Institutions Education Grants		175,58
	Direct	10.228	G00014269	Alaska Native Serving and Native Hawaiian Serving	-	1/3,30
	Direct	10.228	G00014319	Institutions Education Grants	-	549,02
				Alaska Native Serving and Native Hawaiian Serving		
	Direct	10.228	G00015312	Institutions Education Grants	-	318,75
	Direct	10.228	G00015363	Alaska Native Serving and Native Hawaiian Serving Institutions Education Grants	_	11,68
	Bittet	10.228 Total	000013303	institutions Education Grants	24,035	1,570,31
	University of California Davis	10.304	A22-1782-S001	Homeland Security Agricultural		21,68
		10.304 Total				21,68
	D' .	10.220	C00011750	Crop Protection and Pest Management Competitive Grants		10.20
	Direct	10.329	G00011759	Program Crop Protection and Pest Management Competitive Grants	-	19,30
	Direct	10.329	G00014313	Program	_	102,38
		10.329 Total		Č		121,69
				Outreach and Assistance for Socially Disadvantaged and		
	Direct	10.443	G00015188	Veteran Farmers and Ranchers	13,395	62,55
	Direct	10.443 Total 10.500	G00011476	Cooperative Extension Service	13,395	62,5 5 20,88
	Direct	10.500	G00011670	Cooperative Extension Service	-	76,32
	Direct	10.500	G00011760	Cooperative Extension Service	-	71,32
	Direct	10.500	G00012382	Cooperative Extension Service	16,481	142,27
	Direct Direct	10.500	G00012486	Cooperative Extension Service	-	27,39
	Direct University of Missouri	10.500 10.500	G00013005 C00067296-10	Cooperative Extension Service Cooperative Extension Service	-	69,45 34,58
	Direct	10.500	G00013941	Cooperative Extension Service	-	10,75
	Direct	10.500	G00014370	Cooperative Extension Service	-	17,24
	Direct	10.500	G00015036	Cooperative Extension Service	-	68,99
	Direct	10.500	G00015038	Cooperative Extension Service	-	65,86
	Direct	10.500 Total 10.514	G00013868	Expanded Food and Nutrition Education Program	16,481	605,0 9
	Direct	10.514	G00013868 G00014817	Expanded Food and Nutrition Education Program Expanded Food and Nutrition Education Program	-	29,33
		10.514 Total		1		296,81
				Renewable Resources Extension Act and National Focus	•	
	Direct	10.515	G00013514	Fund Projects	-	6,43
	Direct	10.515	G00013890	Renewable Resources Extension Act and National Focus		92,49
	Direct	10.515	G00013889	Fund Projects Renewable Resources Extension Act and National Focus	-	92,49
	Direct	10.515	G00014712	Fund Projects	-	9,45
		10.515 Total		·		108,38
	Direct	10.527	G00013691	New Beginnings for Tribal Students		
	National Fish & Wildlife From Jefford	10.527 Total	0801.20.067003	National Fish and Wildlife Ferral-4:-		13,35 7,97
	National Fish & Wildlife Foundation National Fish and Wildlife Foundation DC	10.683 10.683	0801.20.067003 0801.21.070956	National Fish and Wildlife Foundation National Fish and Wildlife Foundation	-	2,14
		10.683 Total	-501.21.0/0/50			10,12
	Direct	10.771	G00014508	Rural Cooperative Development Grants	-	
	Direct	10.771	G00015179	Rural Cooperative Development Grants		110,15
	D' (10.771 Total	C00014015	Die I i III i I		224,37
	Direct	10.855 10.855 Total	G00014015	Distance Learning and Telemedicine Loans and Grants		187,01 187,01
	Department of Agriculture Total	10.033 10tal			53,911	3,229,14
	D					
				2 NOAA Mission-Related Education Awards		2,02
	Department of Commerce Center for Alaskan Coastal Studies	11.008	SUB-AWARD #1 KBNERR	2 NOAA Wission-Related Education Awards	-	2.02
		11.008 11.008 Total	SUB-AWARD #1 KBNERR	2 NOAA Mission-Related Education Awards		
		11.008 Total 11.303	SUB-AWARD #1 KBNERR G00014927	Economic Development Technical Assistance		2,02 135,36
	Center for Alaskan Coastal Studies	11.008 Total				2,02 135,36 135,36

l Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass- Through Identifying Number	Program Title	Amounts Passed through to Subrecipients (\$)	Total Federal Expenditures (\$)
Department of Military and Veterans Affairs (DMVA)	11.467	20NOAA-GY21	Meteorologic and Hydrologic Modernization Development		166,942
Department of Military and Veterans Affairs (DMVA)	11.467 11.467 Total	20NOAA-GY22 / NA22NW	S4 Meteorologic and Hydrologic Modernization Development		154,924 321,866
Direct	11.473	G00015286	Office for Coastal Management	3,785	29,214
Direct	11.473 Total 11.611	G00012795	Manufacturing Extension Partnership	3,785	735,340
Center for Alaskan Coastal Studies	11.611 Total 11.999	SUBAWARD #12022: UAA	2 Marine Debris Program		
Department of Commerce Total	11.999 Total			3,785	,
Department of Defense					
Direct Direct	12.002 12.002	G00012809 G00014831	Procurement Technical Assistance For Business Firms Procurement Technical Assistance For Business Firms		- 564 - 660,338
	12.002 Total				660,902
Direct	12.903 12.903 Total	G00015096	GenCyber Grants Program		
Department of Defense Total					735,883
Department of Interior Direct	15.013	G00014614	Alaska Native Science and Engineering		- 110,352
	15.013 Total				. 110,352
Direct	15.065 15.065 Total	G00013194	Safety of Dams on Indian Lands		10,967 10,967
Direct Direct	15.224 15.224	G00012232 G00013900	Cultural and Paleontological Resources Management Cultural and Paleontological Resources Management		- 1,487,926 - 28,887
Direct	15.224	G00014261	Cultural and Paleontological Resources Management		23,713
Direct	15.224 Total 15.245	G00015071	Plant Conservation and Restoration Management		678
Alaska Dept. of Fish and Game	15.245 Total 15.636	1123108	Alaska Subsistence Management		
Direct	15.636	G00015012	Alaska Subsistence Management		10,871
Direct	15.636 Total 15.654	G00013625	National Wildlife Refuge System Enhancements		19,335 123,406
Direct	15.654 15.654 Total	G00014434	National Wildlife Refuge System Enhancements		55,702
Direct	15.657	G00011794	Endangered Species Recovery Implementation	-	282,274
National Fish & Wildlife Foundation	15.657 Total 15.663	74008-0801.22, F21AC0027	6- NFWF-USFWS Conservation Partnership		
Alaska SeaLife Center	15.663 Total 15.683	R0127-01	Prescott Marine Mammal Rescue Assistance		- 1,649 - 682
Direct	15.683 Total 15.929	G00015146	Save America's Treasures		
Department of Interior Total	15.929 Total				324,608
Department of Justice				-	
Direct	16.550	G00013152	State Justice Statistics Program for Statistical Analysis Centers		25 170
	16.550 Total				35,178 35,178
University of Missouri	16.582 16.582 Total	00071414-1	Crime Victim Assistance/Discretionary Grants		00,205
Direct	16.710	G00014538	Public Safety Partnership and Community Policing Grants		
blied	16.710 Total	G00014338	Tuble Safety Fathership and Community Folloning Grants		20,393
Anchorage Police Department	16.738	MOA APD PROG #4000071	Edward Byrne Memorial Justice Assistance Grant Program		4,014
Fox Valley Technical College	16.738 Total 16.841	D2019008056 MOD 2	VOCA Tribal Victim Services Set-Aside Program		4,014 2,415
Department of Justice Total	16.841 Total				2,415
Department of Labor					•
Direct	17.600	G00014251	Mine Health and Safety Grants		0 3,048
Direct Direct	17.600 17.600	G00015055 G00015521	Mine Health and Safety Grants Mine Health and Safety Grants		0 157,32 0 7,85
Department of Labor Total	17.600 Total		·		,
Department of State					
University of Utah	19.027	SUB 10058503-01 PO U000	28 Energy Governance and Reform Programs		213,734
Direct	19.027 Total 19.900	G00013762	AEECA/ESF PD Programs	702,865	833,933
Department of State Total	19.900 Total			702,865 702,865	
Department of Transportation					
Direct	20.215	G00015257	Highway Training and Education		95,549
Department of Transportation Total	20.215 Total				
Department of Treasury					
	21 000	G00015160	State Small Business Credit Initiative (SSBCI) - Operating		220.052
Direct	21.000	G00015169	Funds	•	239,973

al Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass- Through Identifying Number	Program Title	Amounts Passed through to Subrecipients (\$)		Federal
	21.000 Total				-	239,973
Department of Treasury Total					•	239,973
National Endowment for the Arts						
	45.004	FW22G + D0052	Promotion of the Arts Grants to Organizations and			2.116
Alaska State Council on the Arts	45.024 45.024 Total	FY23CAD0053	Individuals	-	-	2,110 2,110
National Endowment for the Arts Total					-	2,110
National Endowment for the Humanities						
The state of the s			Promotion of the Humanities Division of Preservation and			
Direct	45.149	G00012712	Access		-	20,590
National Endowment for the Humanities Total	45.024 Total				-	20,590
Institute of Museum and Library Services AK DEED, Division of Libraries, Archives & Museums	45.310	ADN 05220255 EASY22-102	Grants to States		_	377
THE BEED, DIVISION OF ELOTHICS, THE INVESTIGATION	45.310 Total	NDIV 03220233 ENG 122-102	Similar to Similar		-	37
Institute of Museum and Library Services Total				,	-	377
Small Business Administration						
Direct	59.037	G00013367	COVID-19 - Small Business Development Centers		-	1,904
Direct	59.037	G00014289	Small Business Development Centers		-	1,434
Direct Direct	59.037 59.037	G00014499 G00015233	Small Business Development Centers Small Business Development Centers		-	691,027 58,838
	59.037 Total		1		-	753,203
Direct	59.058	G00015192	Federal and State Technology Partnership Program		-	84,739
Small Business Administration Total	59.058 Total				<u>-</u>	84,739 837,942
						00/,//2
Department of Health and Human Services	50.061	APNA 07 2022 5060	Contract Con			20.05
AK Dept. of Labor and Workforce Dev.	59.061 59.061 Total	ADN 07-2023-5060	State Trade Expansion	-	-	20,856 20,856
Department of Health and Human ServicesTotal					-	20,856
Demonstrate of Education						
Department of Education Sealaska Heritage Institute	84.000	540-20-2125	Language Pathways		_	39,030
Sealaska Heritage Institute	84.000	840-21-2480	Box of Treasures: Deepening the Connections		-	289,185
AK Department of Education	84.000	ADN 05234046 EL 23.156.02	2 FY23 Perkins Postsecondary PWSC Maritime Program		-	49,629
Alaska Department of Labor and Workforce Development	84.000 Total 84.002	ADN 07-2023-5056 MOD 1	Adult Education - Basic Grants to States		-	377,844 199,837
Alaska Department of Labor and Workforce Development	84.002		Adult Education - Basic Grants to States		-	101,925
AK Dept. of Labor and Workforce Dev.	84.002	V002A210002	Adult Education - Basic Grants to States		-	93,347
	84.002 Total				-	395,109
AK Dept. of Labor and Workforce Dev.	84.022	RSA 07-2023-5058 MOD 1	Overseas Programs - Doctoral Dissertation Research Abroad	I	-	127,216
Direct	84.022 Total	C00011050	Window Education Institutional Aid		-	127,216 62,467
Direct	84.031 84.031	G00011059 G00012419	Higher Education Institutional Aid Higher Education Institutional Aid		_	404,777
Direct	84.031	G00013075	Higher Education Institutional Aid		-	202,364
Direct	84.031	G00013626	Higher Education Institutional Aid		-	333,237
Direct Direct	84.031 84.031	G00013714 G00013715	Higher Education Institutional Aid Higher Education Institutional Aid		-	213,032 365,318
Direct	84.031	G00014424	Higher Education Institutional Aid		-	335,984
Direct	84.031	G00014490	Higher Education Institutional Aid		-	256,623
Direct Direct	84.031 84.031	G00014530 G00015281	Higher Education Institutional Aid Higher Education Institutional Aid		-	230,300 221,202
Direct	84.031 Total	G00013281	Tigner Education institutional Aid		-	2,625,304
AND OF COURT		ADM 05220125 1	0 17 1 17 2 7 7 7		1.1	
AK Dept Education & Early Development	84.048	ADN 05220125-1	Career and Technical Education Basic Grants to States	73,54	14	76,557
AK Dept Education & Early Development	84.048	ADN 05220126 AMD 1	Career and Technical Education Basic Grants to States		-	28,610
AK Dept Education & Early Development	84.048	ADN 05234254 ED 22 154 05	Career and Technical Education Basic Grants to States			21,516
AK Dept Education & Early Development	84.048 Total	ADN 03234234 EB 23.130.03	Career and Technical Education Basic Grants to States	73,5	14	126,683
Direct	84.116	G00015035	Fund for the Improvement of Postsecondary Education		-	140,652
Direct	84.116 Total 84.184	G00015458	School Safely National Activities		-	140,652 4,683
Bitte	84.184 Total	G00013430	School Sulely Pullonal Protestics		-	4,683
			Innovative Approaches to Literacy; Promise Neighborhoods;			
			Full-Service Community Schools; and Congressionally Directed Spending for Elementary and Secondary Education			
Association of Alaska School Boards	84.215	U215N170038	Community Projects		-	37,124
	84.215 Total		a little in the latest the second		-	37,124
Direct	84.325	G00014458	Special Education - Personnel Development to Improve Services and Results for Children with Disabilities		_	211,586
	84.325 Total				-	211,586
Sealaska Heritage Institute	84.356	305-18-1923	Alaska Native Educational Programs		-	36,776
Bristol Bay Native Corporation	84.356 84.356 Total	AWD D1D 2/1/23 SIC #: 822	1 Alaska Native Educational Programs	-	-	4,385
Direct	84.362	G00012390	Native Hawaiian Education		-	157,168
	84.362 Total				•	157,168
Direct	84.365 84.365 Total	G00014505	English Language Acquisition State Grants		-	369,304 369,304
Direct	84.382	G00011088	Strengthening Minority-Serving Institutions		-	93,837
	84.382 Total				-	93,837

		Grant Number or Pass-		Amounts Passed	Total Fadama
ral Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Through Identifying r Number	Program Title	through to Subrecipients (\$)	Total Federal Expenditures (\$
Direct	84.425E	G00013340	COVID-19 - Education Stabilization Fund	-	3,1
Direct	84.425F	G00013377	COVID-19 - Education Stabilization Fund	-	5,103,8
Direct	84.425F	G00013386	COVID-19 - Education Stabilization Fund	-	657,7
Direct	84.425L	G00013486	COVID-19 - Education Stabilization Fund	-	2,717,6
Direct AK Dept Education & Early Development	84.425M 84.425C	G00013713 5220290	COVID-19 - Education Stabilization Fund COVID-19 - Education Stabilization Fund	-	8,1 13,4
AK Dept Education & Early Development	84.425 Total	3220290	COVID-19 - Education Stabilization Fund		8,503,9
Department of Education Total	011125 TOM			73,544	13,211,5
Denali Commission					
Direct	90.100	G00014547	Denali Commission Program	-	39,7
Direct	90.100	G00015304	Denali Commission Program	-	17,8
Direct Direct	90.100 90.100	G00015456 G00015494	Denali Commission Program Denali Commission Program	-	20,1 14,0
Direct	90.100 Total	000013494	Denan Commission Frogram		
Denali Commission Total					
Department of Health and Human Services					
Direct	93.073	G00012411	Birth Defects and Developmental Disabilities - Prevention and Surveillance	56,000	370,
Direct	93.073	G00012481	Birth Defects and Developmental Disabilities - Prevention and Surveillance	30,869	147,
Dilect	75.075	G00012401	Birth Defects and Developmental Disabilities - Prevention	30,807	147,
Direct	93.073	G00015107	and Surveillance	31,189	179,
	90.073 Total			118,058	697,8
Direct	93.107	G00007653	Area Health Education Centers	810,986	956,
	93.107 Total			810,986	956,
Direct	93.110	G00006655	Maternal and Child Health Federal Consolidated Programs	_	430,
Direct Control of the	93.110 Total	300000023			
			Community Programs to Improve Minority Health Grant		
Oklahoma State University	93.137	A22-0001-S003	Program		161,
	93.137 Total				161,
Direct	93.234	G00014358	Traumatic Brain Injury State Demonstration Grant Program	-	162,
Direct	93.234	G00015158	Traumatic Brain Injury State Demonstration Grant Program	_	12,
Direct	93.234 Total	000013138	Traditiatic Brain injury State Demonstration Grant Program		
Colorado State University	93.351	G-45797-01	Research Infrastructure Programs		
•	93.351 Total		•		
Spaulding for Children	93.652	AWD DTD 7/20/22	Adoption Opportunities	-	,
	93.652 Total				20,
Division to the term of	02.665	A TONE 1 (20 A 0 T	Emergency Grants to Address Mental and Substance Use		00
Division of Behavioral Health	93.665 93.665 Total	ADN 1630407	Disorders During COVID-19		80, 80,
Direct	93.732	G00014129	Mental and Behavioral Health Education and Training Grants	s -	380,
Direct	93.732	G00014576	Mental and Behavioral Health Education and Training Grants	,	280,
Bilect	93.732 Total	000014370	French and Benavioral Treath Education and Training Orang	'	
Division of Behavioral Health	93.788	ADN 0620495	Opioid STR	-	9,
Division of Behavioral Health	93.788	ADN 16-3-0333	Opioid STR	-	39.
Division of Behavioral Health	93.788	ADN 16-3-0582	Opioid STR		4,
	93.788 Total				53,
Division of Bublic Houlds	02 970	ADNI 16 2 0405 1	Matamal Infant and Early Childhood Hama Visiting Grant		24
Division of Public Health	93.870 93.870 Total	ADN 16-3-0485-1	Maternal, Infant and Early Childhood Home Visiting Grant		34, 34,
University of Washington	93.879	UWSC12790 AMD 2 / ALF Y	Medical Library Assistance		
, ,	93.879 Total		,	-	
Division of Behavioral Health	93.958	ADN 0620692	Block Grants for Community Mental Health Services	-	2,
Division of Behavioral Health	93.958	ADN 0620696	Block Grants for Community Mental Health Services	-	16,
Division of Behavioral Health	93.958	ADN 0620799	Block Grants for Community Mental Health Services	-	2,
Division of Behavioral Health	93.958 93.958 Total	ADN 1630297	Block Grants for Community Mental Health Services		77, 98,
	93.936 Total		Block Grants for Prevention and Treatment of Substance	<u>-</u>	90,
Division of Behavioral Health	93.959	ADN 16-3-0481	Abuse		34,
Department of Health and Human Services Total	93.959 Total			929,044	34, 3,480,
•				727,077	2,.00,
Social Security Administration	0.000		Social Security - Work Incentives Planning and Assistance		
Direct	96.008 96.008 Total	G00014215	Program	-	94, 94,
Social Security Administration Total					
Department of Homeland Security					
State of Alaska	97.000	590307	FEMA for 2018 Earthquake UAF MEF Earthquake Repairs	-	87,
State of Alaska	97.000	590308	FEMA for 2018 Earthquake UAA 2018 Earthquake Response	=	1,695,
	97.000 Total				
Department of Homeland Security Total					1,782,
Other				1,763,149	28,908,
Expenditures of Federal Awards				26,965,919	256,807,

University of Alaska Notes to Schedule of Expenditures of Federal Awards Year Ended June 30, 2023

(1) General

The accompanying Schedule of Expenditures of Federal Awards presents the activity of all federal financial assistance programs of the University of Alaska. The University of Alaska is a constitutionally created corporation and a component unit of the State of Alaska. Federal financial assistance received directly from federal agencies as well as federal financial assistance passed through other government agencies is included on the schedule.

(2) Basis of Accounting

The accompanying Schedule of Expenditures of Federal Awards is presented using the economic resources measurement focus and accrual basis of accounting, which is described in note 1 to the University of Alaska's financial statements.

(3) Basis of Presentation

The information in this schedule is presented in accordance with the requirements of Uniform Guidance 2 CFR 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. The University has elected not to use the 10-percent de minimis indirect cost rate allowed under the Uniform Guidance. Therefore, amounts presented in this schedule may differ from amounts presented in, or used in the preparation of, the University financial statements. Federal program titles are reported as presented in the Assistance Listing Numbers (ALN) whenever possible. Pass-through entity identifying and grant numbers are presented where available. 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 for all awards with the exception of Assistance Listing 21.019, which follows criteria determined by the Department of Treasury for allowability of costs. Under these principles, certain types of expenditures are not allowable or are limited as to reimbursement.

(4) Federal Direct Student Loans (ALN # 84.268)

The University is responsible for the performance of certain administrative duties with respect to the Federal Direct Student Loan Program. Amounts relating to this program are not included in the University's basic financial statements. Loans distributed to students of the University under this program during the year ended June 30, 2023 are summarized as follows:

Direct Subsidized Loan	\$ 9,044,912
Direct Unsubsidized Loan	17,007,901
Direct PLUS Loan	 1,952,752
	\$ 28,005,565

Amounts Disbursed

(5) Facilities and Administrative Costs

The University recovers facilities and administrative costs associated with sponsored agreements pursuant to separate agreements negotiated with the Office of Naval Research. The negotiated rates are computed in accordance with 2 CFR 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*.

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 <u>x</u> no Significant deficiency(ies) identified? ___x___yes ____none reported 3. Noncompliance material to financial statements noted? ____ x ___ no _____yes Federal Awards 1. Internal control over major federal programs: Material weakness(es) identified? _____ yes <u>x</u> no Significant deficiency(ies) identified? __<u>x</u>___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)? <u>x</u>___ yes Identification of Major Federal Programs CFDA Number(s) Name of Federal Program or Cluster Various Research and Development Cluster 84.425C, 84.425E, 84.425F, 84.425L, COVID-19 Educational Stabilization Fund 84.425M Dollar threshold used to distinguish between Type A and Type B programs: \$3,000,000 Auditee qualified as low-risk auditee? _____ yes ____ x ___ no

Section II – Financial Statement Findings

2023 - 001

Type of Finding: Significant Deficiency in Internal Control over Financial Reporting

Condition: The University of Alaska (the University) has not complied with University policies and internal controls over procurement card transactions.

Criteria or specific requirement: The University operates a procurement card program which allows individuals throughout the University to make smaller purchases (defined as less than \$2,500 for individual transactions and a \$10,000 monthly limit or more depending on authorization) on a credit card which is directly paid by the University on a monthly basis. The University's policies require employees assigned a procurement card to complete training on policies and procedures, pass a test, and sign an agreement stipulating they will use the card in accordance with University policy. This agreement is also required to be authorized by the individual's supervisor or the department head. The University's policies require transactions incurred on the procurement card to be assigned an approving official.

Context: The University has approximately 1,080 active procurement cards, and the procurement card expenditures paid for the year ended June 30, 2023 totaled \$39,448,277. During our test work, 34 procurement card transactions totaling \$12,083, we noted the following:

• Three (9%) transactions (totaling \$353.53) where statements were not reviewed by the approving official. The procurement transaction statements were signed after the transaction was selected for testing as part of our audit.

Effect: The lack of controls in place to ensure policies and procedures are followed increases the risk of misstatements, fraud, or errors occurring and not being detected and corrected.

Cause: The University does not have a process in place to ensure P-Card statements are reviewed and approved by the approving official.

Recommendation: The University policy states that the approving official must review and approve each transaction on the statement against the Log and with the original, detailed, itemized receipt within forty-five business days of month end. The University's system of internal controls should include procedures to ensure procurement card transactions are in accordance with University policies and procedures.

Views of responsible officials and planned corrective action: Management agrees with the finding and has developed a plan to correct the finding.

Section II – Financial Statement Findings (Continued)

2023 - 002

Type of Finding: Significant Deficiency in Internal Control over Financial Reporting

Condition: The University of Alaska (the University) has not complied with University policies and internal controls over recording student fees.

Criteria or specific requirement: The University has policies and internal controls throughout the University to assure that revenue related to tuition and fees are accurately recorded. Tuition and fees are set by the governing board, which is to be reviewed by responsible personnel. The review is to ensure that the amount is proper for the course, as well as ensure that the charges are made to the correct student accounts.

Context: The University had tuition and fees totaling \$119,983,000 for the year ended June 30, 2023. During our test work, 34 transactions totaling \$6,126.40, we noted the following. The error was isolated to the University of Alaska Anchorage (UAA) campus.

 One (3%) transactions (totaling \$1000) had incorrect amount for total course fee. During the review process, the course fee was not identified resulting in the students being overcharged for the course.

Effect: Students may be charged for incorrect rates, and the University may recognize revenue for incorrect charges.

Cause: The University had adequate controls in place, but due to miscommunication between Office of Academic Affairs and Bursar's office the incorrect amount was input and charged to students.

Recommendation: CLA recommends the University of Alaska Anchorage review the manual inputs into the Banner system for course fee changes. This will detect errors in the published rates that are charged to students.

Views of responsible officials and planned corrective action: Management agrees with the finding and has developed a plan to correct the finding.

Section III – Findings and Questioned Costs – Major Federal Programs

2023 - 003

Federal Agency: U.S. Department of Agriculture

Federal Program Title: Research and Development Cluster

Assistance Listing Number: 10.511

Federal Award Identification Number: NI22SLBCXXXXG054

Award Period: July 1, 2022 to June 30, 2023

Type of Finding:

Compliance, Other Matter

• Significant Deficiency in Internal Control over Compliance

Criteria or specific requirement: Per Uniform Guidance 2 CFR 180.300 nonfederal entities entering into covered transactions must verify the party is not suspended or debarred from conducting business by the federal government. This can be performed by: Checking SAM exclusions, collecting a certification from the party, or adding a clause or condition to the covered transaction.

Condition and context: During the testing of Suspension and Debarment, one grant from the University of Alaska Fairbanks Campus (UAF) has three covered lease contracts that did not have EPLS checks performed. These were existing vendors who previously were not funded with federal dollars. Once the contracts were funded with federal dollars, an EPLS check was not performed.

Questioned costs: None

Cause: UAF did not have a process to review existing contracts for suspension and debarment if they were initially not funded with federal dollars

Effect: Potentially suspended or debarred vendors may have been contracted with federal funds

Repeat finding: No

Recommendation: UAF should perform EPLS checks on all covered transactions paid with federal funds.

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

2023 - 004

Federal Agency: U.S. Department of Interior

Federal Program Title: Research and Development Cluster

Assistance Listing Number: 15.800

Federal Award Identification Number: G22AC00562-00

Award Period: July 1, 2022 to June 30, 2023

Type of Finding:

Compliance, Other Matter

• Significant Deficiency in Internal Control over Compliance

Criteria or specific requirement: Per 2 CFR 200.414 the indirect cost methodology must be consistent with the cost accounting policy and negotiated rate agreement.

Condition and context: During testing of Indirect Cost Rate calculations, one grant from the University of Alaska Southeast campus (UAS) had one instance of an incorrect indirect cost rate calculation. UAS had two different applicable rates for on-campus and off-campus activity. The campus used the oncampus rate for both activities resulting in a higher calculated indirect cost.

Questioned costs: \$1.630.26

Cause: The internal control process for the creation of new funds auto-populated the indirect cost rate incorrectly by using the on-campus rate of 59.7 for both on-campus and off-campus research activities.

Effect: An incorrect indirect cost was calculated and charged to the grant.

Repeat finding: No

Recommendation: UAS should review the indirect cost rates populated for new grant funds to ensure correct rates are used.

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

2023 - 005

Federal Agency: U.S. Department of Education

Federal Program Title: Student Financial Assistance Cluster

Assistance Listing Number: 84.007, 84.038, 84.063, 84.268, 84.379

Federal Award Identification Number: N/A Award Period: July 1, 2022 to June 30, 2023

Type of Finding:

Compliance, Other Matter

• Significant Deficiency in Internal Control over Compliance

Criteria or specific requirement: The Code of Federal Regulations, 34 CFR 668.164(h)(2) states that an institution that attempts to disburse funds by check and the check is not cashed, the institution must return the funds to the Secretary no later than 240 days after the date it issued that check.

Condition and context: The University of Alaska Southeast campus had twenty-two stale Title IV checks greater than 240 days.

Questioned costs: None

Cause: Staffing issues in the student financial aid office at all three campuses have made it difficult for the student financial aid departments to perform their monthly review of uncashed checks in a timely manner. The delays in this process caused several instances of outstanding checks to age beyond 240 days.

Effect: Funds are not returned to the Department of Education in a timely manner.

Repeat finding: No

Recommendation: UAS should continue working with the Statewide Office of Finance and Accounting to better enforce the monthly review of uncashed checks policy.

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

2023 - 006

Federal Agency: U.S. Department of Education

Federal Program Title: Higher Education Emergency Relief Fund

Assistance Listing Number: 84.425L

Federal Award Identification Number: N/A Award Period: July 1, 2022 to June 30, 2023

Type of Finding:

• Compliance, Other Matter

• Significant Deficiency in Internal Control over Compliance

Criteria or specific requirement: Per Uniform Guidance 2 CFR 180.300 nonfederal entities entering into covered transactions must verify the party is not suspended or debarred from conducting business by the federal government. This can be performed by: Checking SAM exclusions, collecting a certification from the party, or adding a clause or condition to the covered transaction.

Condition and context: During the testing of Suspension and Debarment, the University of Alaska Fairbanks Campus (UAF) has two covered lease contracts that did not have EPLS checks performed.

Questioned costs: None

Cause: UAF failed to retain documentation to support the date on which EPLS checks were performed.

Effect: Potentially suspended or debarred vendors may have been contracted with federal funds.

Repeat finding: No

Recommendation: UAF should perform EPLS checks on all covered transactions paid with federal funds.

UNIVERSITY OF ALASKA SUMMARY SCHEDULE OF PRIOR YEAR FINDINGS FOR THE YEAR ENDED JUNE 30, 2023

Section IV - Prior Year Findings

FINDINGS—FINANCIAL STATEMENT AUDIT

2022 – 001 Review of Procurement Card Activity

Condition: The University of Alaska (the University) has not complied with University policies and internal controls over procurement card transactions.

Status: The University had several instances of procurement card activity that was not approved within the 45-day threshold. Repeat finding for FY23, please see 2023-001 for current year information.

Corrective Action: Repeat finding, see 2023-001 for FY23 conditions.

UNIVERSITY OF ALASKA SUMMARY SCHEDULE OF PRIOR YEAR FINDINGS (CONTINUED) FOR THE YEAR ENDED JUNE 30, 2023

Section IV – Prior Year Findings (Continued)

FINDINGS—FEDERAL AWARD PROGRAMS AUDITS

2022 - 002 HEERF Allowable Costs

Condition: During the testing of the University of Alaska Fairbanks (UAF) Minority Serving Institution (MSI) expenditures there was an observed instance, among the forty that were tested, of an interdepartmental transaction being claimed as a reimbursable expenditure. Students from the MacClean House dorm, which is operated by the UAF Residence Life unit, were required to quarantine in the MacLean House dorm, which is operated by the College of Rural and Community Development (CRCD) unit. This resulted in the UAF Residence Life unit paying the CRCD unit for the students' housing costs. This transaction was included as a reimbursable expenditure, despite having a net \$0 impact on the income statement.

Status: Corrected. University of Alaska Fairbanks (UAF) has established procedures for ensuring interdepartmental transactions are excluded from Institutional expenditures.

2022 - 003 SFA 240 Day Check Testing

Condition: During the testing of the outstanding Title IV student check listing we observed nine instances of stale checks at the University of Alaska Southeast (UAS) and three stale checks at the University of Alaska Fairbanks (UAF) that were aged greater than 240 days and not returned to the Department of Education.

Status: Partially corrected. University of Alaska Fairbanks (UAF) had no instances of stale checks over 240 days observed in testing in the current year. University of Alaska Southeast had twenty-two instances of stale checks aged greater than 240 days. See 2023-005 for repeat finding.

2022 - 004 SFA NSLDS Testing

Condition: The enrollment effective date reported to the National Student Loan Database System (NSLDS) for five of the ten sampled students from the University of Alaska Southeast (UAS) campus was incorrect and did not match the correct last dates of attendance on file in the institution's records.

Status: Corrected. University of Alaska Southeast (UAS) has established procedures and internal controls for correct enrollment effective dates are reported to the National Student Loan Database System.

