UNIVERSITY OF ALASKA (A COMPONENT UNIT OF THE STATE OF ALASKA) SINGLE AUDIT REPORT FOR THE YEAR ENDED JUNE 30, 2022



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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, 2022, 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 November 3, 2022. 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 a certain deficiency in internal control, described in the accompanying schedule of findings and questioned costs as item 2022-001 that we consider to be a significant deficiency.

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 February 10, 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, 2022. 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, 2022.

Basis for Opinion on Each Major Federal Program

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

We are required to be independent of 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 2022-002, 2022-003, and 2022-004. 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, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A significant deficiency in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance. We consider the deficiencies in internal control over compliance described in the accompanying schedule of findings and questioned costs as items 2022-002, 2022-003, and 2022-004, 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, 2022, and the related notes to the financial statements, which collectively comprise University of Alaska's basic financial statements. We issued our report thereon dated February 10, 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 February 10, 2023

Federal Grantor/Cluster Title	e/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 (\$)
Student Financial Assistance	Cluster					
Department of	Education					
Direct		84.007	E00001020	Federal Supplemental Educational Opportunity Grants		- 276,042
Direct		84.007	G00014176	Federal Supplemental Educational Opportunity Grants		- 319,098
				Federal Supplemental Educational Opportunity		
Direct		84.007	G00014184	Grants		- 22,698
Direct		84.033	E00001032	Federal Work-Study Program		- 74,298
Direct Direct		84.033 84.033	E00001033 G00013418	Federal Work-Study Program Federal Work-Study Program		- 148,006 - 2,411
Direct		84.033	G00013418 G00014173	Federal Work-Study Program		- 121,480
Direct		84.033	G00014185	Federal Work-Study Program		- 62,698
Direct		84.063	E00001019	Federal Pell Grant Program		- 5,465,972
Direct		84.063	G00012777	Federal Pell Grant Program		- 46,745
Direct		84.063	G00014174	Federal Pell Grant Program		- 8,675,84
Direct		84.063	G00014183	Federal Pell Grant Program		- 1,161,050
Direct		84.268		Federal Direct Student Loan Teacher Education Assistance for College and Higher	r	- 29,977,70
Direct Department of	Education Total	84.379	G00014182	Education Grants (TEACH Grants)		- 34,834 - 46,388,884
Fotal Student Financial Assis						
						- 46,388,884
Research and Development C	luster					
Department of Direct	Agriculture	10.000	G00012627	Sulzer Portage Deer Project		- 14.604
Direct		10.000	G00012838	Hydrologic Controls on Watershed Biogeochemistry		- 35
Direct		10.000	G00012882	Alaska Coastal Rainforest Center Director Support		- 23,144
Direct		10.000	G00013217	Knotweed Biocontrol Investigating the influence of watershed variability on		- 8,138
				biogeochemistry and meta-food web dynamics in		
Direct		10.000	G00013346	Southeast Alaskan streams.		- 163
				Exploring the Effects of COVID-19 on Rural		
				Community Health and Economic Well-being in		
Direct		10.000	G00013484	Southeast Alaska		- 3,819
D'		10.000	C00013510	Linking the source and fate of soil carbon and Fe in		66.570
Direct		10.000	G00013518	coastal temperate rainforest watersheds Social-ecological calendars to inform climate change		- 66,578
				adaptations for subsistence and recreational forest		
Direct		10.000	G00013783	use in southcentral Alaska		- 59
				From Forest to Ocean: how will hydrologic regime		
				shifts of forest streams influence delivery of nutrients,		
				organic matter, and organisms to southeast Alaska		
Direct		10.000	G00014063	nearshore ecosystems?		- 2,280
				Forests, Fish, and People: Quantifying Sport,		
				Personal Use and Subsistence Harvest of Salmon		
Direct		10.000	G00014083	from the Tongass and Chugach National Forests		- 24,690
Direct		10.001	G00014134	Agricultural Research Basic and Applied Research		- 112,060
Direct		10.001	300011131	Plant and Animal Disease, Pest Control, and Animal		112,000
Direct		10.025	G00013375	Care		- 56,068
				Plant and Animal Disease, Pest Control, and Animal		
Direct		10.025	G00013551	Care		- 32,028
D' '		10.005	G00014060	Plant and Animal Disease, Pest Control, and Animal		12.461
Direct		10.025	G00014262	Care Plant and Animal Disease, Pest Control, and Animal		- 13,461
Direct		10.025	G00014342	Care		- 28,952
		10.023	G0001 13 12	Specialty Crop Block Grant Program - Farm Bill		- 38,498
	Agriculture	10 170	200000574			
AK Division of		10,170 10,170	200000574 210000422			
	Agriculture	10.170 10.170 10.170		Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill		9,255
AK Division of AK Division of	Agriculture Agriculture	10.170	210000422	Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill		- 9,255 - 37
AK Division of AK Division of AK Division of AK Division of Direct	Agriculture Agriculture	10.170 10.170 10.170 10.202	210000422 AM190100XXXXG046 SCBGA21 HPP PROC G00012825	Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Cooperative Forestry Research		- 9,255 - 37 - 6,156 - 42,606
AK Division of AK Division of AK Division of AK Division of	Agriculture Agriculture	10.170 10.170 10.170	210000422 AM190100XXXXG046 SCBGA21 HPP PROC	Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Cooperative Forestry Research Cooperative Forestry Research		- 9,255 - 37 - 6,156 - 42,606
AK Division of AK Division of AK Division of AK Division of Direct	Agriculture Agriculture	10.170 10.170 10.170 10.202	210000422 AM190100XXXXG046 SCBGA21 HPP PROC G00012825	Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Cooperative Forestry Research		- 9,255 - 37 - 6,156 - 42,606 - 408,595
AK Division of AK Division of AK Division of AK Division of Direct Direct	Agriculture Agriculture	10.170 10.170 10.170 10.202 10.202	210000422 AM190100XXXXG046 SCBGA21 HPP PROC G00012825 G00013281	Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Cooperative Forestry Research Cooperative Forestry Research Payments to Agricultural Experiment Stations Under		- 9,255 - 37 - 6,156 - 42,606 - 408,599 - 2,383 - 2,493
AK Division of AK Division of AK Division of AK Division of Direct Direct Direct	Agriculture Agriculture	10.170 10.170 10.170 10.170 10.202 10.202 10.203	210000422 AM190100XXXXG046 SCBGA21 HPP PROC G00012825 G00013281 G00011472 G00012484	Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Cooperative Forestry Research Cooperative Forestry Research Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under		- 9,255 - 37 - 6,156 - 42,606 - 408,599 - 2,383 - 2,493
AK Division of AK Division of AK Division of AK Division of Direct Direct Direct Direct Direct	Agriculture Agriculture	10.170 10.170 10.170 10.202 10.202 10.203 10.203	210000422 AM190100XXXXG046 SCBGA21 HPP PROC G00012825 G00013281 G00011472 G00012484 G00012485	Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Cooperative Forestry Research Cooperative Forestry Research Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act		- 9,255 - 37 - 6,156 - 42,606 - 408,595 - 2,383 - 2,493 - 14,685
AK Division of AK Division of AK Division of AK Division of Direct Direct Direct	Agriculture Agriculture	10.170 10.170 10.170 10.170 10.202 10.202 10.203	210000422 AM190100XXXXG046 SCBGA21 HPP PROC G00012825 G00013281 G00011472 G00012484	Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Cooperative Forestry Research Cooperative Forestry Research Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act		- 9,255 - 37 - 6,156 - 42,606 - 408,599 - 2,383
AK Division of AK Division of AK Division of AK Division of Direct Direct Direct Direct Direct	Agriculture Agriculture	10.170 10.170 10.170 10.202 10.202 10.203 10.203	210000422 AM190100XXXXG046 SCBGA21 HPP PROC G00012825 G00013281 G00011472 G00012484 G00012485	Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Cooperative Forestry Research Cooperative Forestry Research Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act		- 9,255 - 37 - 6,156 - 42,606 - 408,599 - 2,383 - 2,493
AK Division of AK Division of AK Division of AK Division of Direct Direct Direct Direct Direct Direct Direct	Agriculture Agriculture	10.170 10.170 10.170 10.170 10.202 10.202 10.203 10.203 10.203	210000422 AM190100XXXXG046 SCBGA21 HPP PROC G00012825 G00013281 G00011472 G00012484 G00012485 G00013279	Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Cooperative Forestry Research Cooperative Forestry Research Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act		- 9,255 - 37 - 6,156 - 42,606 - 408,599 - 2,383 - 2,493 - 14,685 - 342,537
AK Division of Direct Direct Direct Direct Direct Direct Direct	Agriculture Agriculture	10.170 10.170 10.170 10.170 10.202 10.202 10.203 10.203 10.203 10.203	210000422 AM190100XXXXG046 SCBGA21 HPP PROC G00012825 G00013281 G00011472 G00012484 G00012485 G00013279 G00013779	Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Specialty Crop Block Grant Program - Farm Bill Cooperative Forestry Research Cooperative Forestry Research Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act Payments to Agricultural Experiment Stations Under the Hatch Act		- 9,255 - 33 - 6,156 - 42,600 - 408,599 - 2,383 - 2,493 - 14,683 - 342,537

				Amounts Passed	
Sederal Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass-Through Identifying Number	Program Title	through to Subrecipients (\$)	Total Federal Expenditures (\$)
Montana State University	10.215	MSU ID G234-20-W7506	Sustainable Agriculture Research and Education	-	11,801
Fairbanks Soil & Water Conservation District	10.225	FSWCD AFFECT USDA 0004	Community Food Projects	-	6,910
Northwest Indian College	10.227	NWIC-SA28761-UAF	1994 Institutions Research Program	-	11,936
D'	10.000	Concletes	Alaska Native Serving and Native Hawaiian Serving		101.170
Direct	10.228	G00012426	Institutions Education Grants	6,602	101,173
P: .	10.220	G00012072	Alaska Native Serving and Native Hawaiian Serving		16.022
Direct	10.228	G00012962	Institutions Education Grants	-	16,033
Direct	10.228	G00013118	Alaska Native Serving and Native Hawaiian Serving Institutions Education Grants		155,256
Direct	10.228	000013118	Alaska Native Serving and Native Hawaiian Serving	-	133,236
Direct	10.228	G00013583	Institutions Education Grants		625,061
Direct	10.226	000013383	Alaska Native Serving and Native Hawaiian Serving	-	023,001
Direct	10,228	G00014269	Institutions Education Grants	_	145,842
Birect	10.228	G00014209	Alaska Native Serving and Native Hawaiian Serving	=	143,642
Direct	10.228	G00014319	Institutions Education Grants	_	354,244
Direct	10.220	300011317	Childhood Obesity Prevention among Alaska Native		331,211
Direct	10.310	G00012036	Children	20,337	55,948
S. C.	10.510	300012000		20,557	55,510
Direct	10.310	G00014071	WELLANIMAL - Animal Agriculture and the New Coronavirus (SARS-CoV-2/COVID-19): Values-Aware Research and Better Science-Ethics Communication to Promote Farm Animal Welfare and Prepare for the Next Novel Pandemic		57.296
			-	-	
National 4H Council	10.310	4H HOME CONTENT DEVELO	P 4-H at Home Content Development	-	6,557
II.i. OCII.	10.210	MA1707	Food System Resiliency for Children's Healthy Living		10.520
University Of Hawaii	10.310	MA1707	(CHL Food System)	=	19,529
Direct	10,511	G00014590	FY22 Alaska Smith-Lever 3 b/c	=	712,609
			Equipment to enhance capability of low cost stable		
P'	10.510	G00012645	isotope measurements for boreal forest research in		264.706
Direct	10.519	G00013645	Interior Alaska	-	364,796
Direct	10.652	G00012960	Analyzing Soil Samples to Understand Belowground Composition in Interior Alaska		48,562
Direct	10.652	G00012980 G00013191	Every Kid in a Park	-	4,371
Direct	10.032	000013191	International Boreal Forest Research Association	-	4,371
Divert	10.652	C00014108			4.250
Direct	10.652	G00014108	Conference	=	4,259
Direct	10.664	G00012793	Monitoring Protocol Development and Vulnerability Assessment Framework for Elodea		31,853
Direct	10.004	G00012793	Integration Snow and Timber Slash Data into Deer	-	31,033
Direct	10.664	G00012995	Habitat Models		8,548
Alaska Energy Authority	10.674	R1514	Biomass Short Term Support (RSA)	=	61
Alaska Energy Additionty	10.074	K1314	Biomass Short Term Support (KSA)	-	01
Direct	10.680	G00012979	FY19 Urban Forests Integrated Pest Management Supporting Delivery of Terrestrial Invasive Plant	-	137,198
Direct	10.680	G00014208	Species Data in Alaska	_	10,105
Direct	10.699	G00014200 G00011656	Tongass UAS Temperature Agreement	=	811
Direct	10.055	G00011050	Fire Behavior Models Literature Review and		011
Direct	10.699	G00012884	Characteristics Chart-Supp to G11027	_	11,547
Bilect	10.022	000012884	ANSEP Resource Assistants - Participating	=	11,547
Direct	10,699	G00014077	Agreement Supplement #1		30,173
Direct	10.699	G00014475	ANSEP RAP with USFS	<u>-</u>	11,372
Direct	10.771	G00014473 G00013711	FY21 Cooperative Development Center	=	85,851
Direct	10.771	000013/11	ALASKA COOPERATIVE DEVELOPMENT	-	65,651
Direct	10.771	G00014508			95.021
Direct Department of Agriculture Total	10.771	G00014308	CENTER (ACDC) 2021-22	26,939	85,021 5,338,290
Department of Commerce					
Direct	11.000	G00012703	NOAA NESDIS JPSS PGRR HLPG GINA Contract	_	340,184
			Technical review of Yukon River Canadian-origin		,
			Chinook salmon Interim Management Escapement		
Bering Sea Fisherman's Association	11.000	AC-1902	Goal	_	18,060
Borning Sea Fisherman's Fisherman	11.000	110 1302	Establishing Baseline Measurements for Humpback		10,000
Pacific States Marine Fisheries Commission	11.000	20-169G	Whales in Juneau, AK	_	109,339
ruente states mante i sheries commission	11.000	20 1090	MSE for Subsistence Fisheries of the Kuskokwim		107,557
Bering Sea Fisherman's Association	11.000	AC-2102A	River Watershed	_	6,800
Defing Sea Fisherman's Association	11.000	AC-2102A	Time- Series Monitoring of Ocean Acidification in		0,000
Alaska Ocean Observing System	11.012	H2400-51	Alaska	_	6,422
Alaska Ocean Observing System Alaska Ocean Observing System	11.012	H2400-64	Chukchi Sea Ecosystem Mooring	-	41,622
Alaska Ocean Observing System	11.012	H2400-52	Seward Line Monitoring	- -	137,287
Alaska Ocean Observing System	11.012	H2404-00 H2400-91	HFR Operations and Maintenance	<u>-</u>	72,916
Alaska Ocean Observing System	11.012	H2400-66	An Arctic marine mammal observing system	=	50,688
3 /			0.		
Alaska Ocean Observing System	11.012	H2451-01 H2432 H2445	NOAA - Distributed Biological Observatory (DBO) Alaska Ocean Acidification Research: Autonomous	-	37,766
			Observations of Ocean Acidification in Alaska		
Alaska Ocean Observing System	11.012	H2457-01 H2433 H2447-01	Coastal Seas	-	57,200
			Alaska Earthquake Center (AEC) Seismic Station		
Alaska Ocean Observing System	11.012	H2458 H2431 H2448	Operations and Maintenance	=	99,754
Alaska Ocean Observing System	11.012	H2400-96 H2407	Bering Strait High-Frequency Radar	=	152,686
			A sustainable, integrated AMBON in the Chukchi		
Direct	11.012	G00013024	Sea	74,810	
Alaska Ocean Observing System	11.012	H2454 H2444	NOAA State of the Arctic Report	-	1,921
			Underwater Autonomous Vehicle missions in support		
			of an Ecosystem Based Approach to Alaska fisheries		
Alaska Ocean Observing System	11.012	H2400-89	management	=	21,824

Federal Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	• 0	Program Title	Amounts Passed through to Subrecipients (\$)	Total Federal Expenditures (\$)
Alaska Ocean Observing System	11.012	H2459-01 H2400-92	Alaska Regional Ocean Data Sharing Initiative	•	19,468
Alaska Ocean Observing System	11.012	H2493-01	Field demonstration: AUV Support for the International Year of the Salmon	-	59,815
Alaska Ocean Observing System	11.012	H2400-87	Ecosystem Mooring Sensors Arctic High-Frequency Radar Operations and		27,998
Alaska Ocean Observing System	11.012	H3012	Maintenance (Arctic HFR)	•	35,698
Alaska Ocean Observing System	11.012	H3016	Seward Line Monitoring (Seward Line) Demonstrating operational readiness of AUV-based ecosystem monitoring through a field program supporting the International Year of the Salmon	•	- 108,621
Alaska Ocean Observing System	11.012	H3151 PASAA PENDING AMEN			45,037
Alaska Ocean Observing System	11.012	H3111 PASAA PEND AMEND	(Chukchi Data Rescue)		25,242
Alaska Ocean Observing System	11,012	H3014	Alaska Ecosystem Observatory Network Build-Out, Operations and Maintenance (Eco-Moorings) Alaska Region Glider Missions Supporting an Ecosystem Approach to Fisheries Management		87,324
Alaska Ocean Observing System	11.012	H3011	(EAFM Gliders) An Arctic Marine Mammal Observing System	•	70,161
Alaska Ocean Observing System	11.012	H3015	(Chukchi Glider) Time-Series Monitoring of Ocean Acidification in		1,869
Alaska Ocean Observing System	11.012	H3018	Alaska (OA Timeseries)	•	16,845
			National Ocean Acidification Observing Network (NOA-ON) Stations: Gulf of Alaska (GAKOA) and		
Alaska Ocean Observing System	11.012	H3121 PASAA PEND AMEND	Bering Sea (M2) moorings (M2 & GAK Moorings)	•	136,464
Direct	11.020	G00013051	Alaska Seed Fund	•	- 29,655
Direct	11.417	G00011636	Cullenberg - Assisting Alaska Shellfish Managers to Avoid Emergency Rainfall Closures	14,835	18,101
Direct	11.417	G00011936	Alaska Sea Grant Omnibus 2018-2022	15,367	
			2019 Exploring New Aquaculture Opportunities -		
Direct	11.417	G00012930	2019, NOAA-OAR-SG-2019-2005960	•	3,655
			Nurturing the Successful Growth and Maturation of a Domestic Seaweed Aquaculture Industry: Identifying		
University of Connecticut	11.417	KFS# 5653840 PO# 364393	and Removing Barriers and Promoting Opportunities	•	- 195
University of Connecticut	11.417	KFS# 5664660 PO#426121	Business and Economic Planning for Seaweed Aquaculture Systems in the United States		1,621
Direct	11.417	G00014374	Empowering Resilient Fishery Dependent Community and Economies: Seafood Processing and Value Adding Business Planning Outreach and Education		- 39,507
Direct	11.417	G00014761	Alaska Sea Grant Omnibus 2022-2023 Collaborative assessment of research efforts and emerging issues concerning forage fish exposure to		- 11,885
University of Michigan	11.419	PO 3006246704, SUBK00014471		•	78,422
University of Michigan	11.419	SUBK00015729 MOD 1	Got Biofilm? Building The Capacity To Investigate Intertidal Food Webs in Kachemak Bay, AK		9,121
Direct	11.420	G00013479	FY21 NOAA Operations (Application for Assistance under the Coastal Zone Management Act) UAA ACCS Kachemak Bay National Estuarine Research Reserve (KBNERR) - Federal FY21		- 114,049
Direct	11.420	G00014219	NOAA Operations Ecological controls of Alaskan pollock weight-at- length and size-at-age under rapid environmental		623,835
Direct	11.427	G00012330	change Pilot program for commercial/ subsistence		9,360
Direct	11.427	G00012331	educational Macro Algae Aquaculture development for Alaska Integrating local ecological knowledge and survey		- 62,176
Direct	11.427	G00012946	data to improve assessment and management of rockfishes in Alaska	45,415	64,540
			Alaska Center for Climate Assessment and Policy		
Direct	11.431	G00011055	(ACCAP): Science, Decision-Support, and Capacity Building for Climate Resilience in Alaska		- 681,777
Direct	11 421	C00011762	Arctic Indicators for Assessment and Enhanced		/21
Direct	11.431	G00011763	Understanding Anthropogenic influence on the oxidation of biogenic volatile organic compounds: implication for	•	- 654
Direct	11.431	G00012170	formation of secondary organic aerosols Building Resilience to Extreme Events and Water Hazard Planning in Remote, Rural Alaskan		- 75,215
Direct	11.431	G00012377	Communities Application of probabilistic techniques to predictions		23,597
Direct	11.431	G00012998	of key Arctic indicators Causes and Impacts of the 2017-2019 Southeast		3,303
UCAR Office of Programs	11.431	SUBAWD002445	Alaska Drought The Alaska Center for Climate Assessment and Policy (ACCAP): Building healthy and thriving		- 12,570
Direct	11.431	G00014363	Alaskan communities, economies, and ecosystems in a changing climate		23,067

ederal 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	11.431	G00014365	CMIP6 projections of Arctic indicators and midlatitude linkages	-	4,053
University of Washington	11.432	UWSC12234 BPO 51373	Cooperative Institute for Climate, Ocean, and Ecosystem Studies (CICOES) Cooperative Institute for Modeling the Earth System	-	585,357
Princeton University University of Washington	11.432 11.432	SUB0000463 UWSC12817 BPO56550	(CIMES) CICOES UAF-Mini Research Grants	- -	32,127 6,156
University of Washington	11.432	UWSC13282 BPO60824	CICOES Postdoc Fellowships at the University of Alaska, Fairbanks	-	44,105
Pacific States Marine Fisheries Commission	11.437	22-043G	Linking photo-ID and DNA profiles for humpback whales in Southeast Alaska Will a Warming Climate Help or Hurt Interior Alaskan Chinook Salmon? Evaluating Foraging	40,020	76,229
Alaska Dept of Fish & Game	11.438	1195951	Conditions that Regulate Population Responses to Temperature, Streamflow, and Restoration	-	4,25
Alaska Dept of Fish & Game Alaska Dept of Fish and Game Wildlife Conservation	11.438 11.438	ADN 1120594 ADN 1121086	Bristol Bay Regional Temperature Analysis Anderson Kings Rotenone Attenuation	-	9,56 8
Alaska Department of Fish & Game	11.438	1121902	Evaluating Factors Adult Mortality CRSS	-	35,15
Alaska Department of Fish & Game	11.438	1121903	Shifting the Baseline for Salmon Escapement Goals: Causes and Solutions	-	25,02
Alaska Department of Fish & Game	11.438	1122902	UAF Drivers and Diversity of Chinook Salmon Pop in the AYK Region Estimating escapement of Chilkat River Chinook	-	77,07
Alaska Department of Fish & Game	11.438	1122903	salmon using trans-generational mark-recapture (tGMR)	-	52,553
Alaska Dept of Fish & Game	11.438	ADN 1122901-1	Freshwater habitat conditions and decline of AYK Chinook (title for UAA ACCS portion of project) Marine Mammal Stranding Response and Reporting	-	3,584
Direct	11.439	G00012936	in Western Alaska	-	1,500
Direct	11.439	G00012997	Modeling diet composition of adult female Steller sea lions from the Western and Central Aleutian Islands Cont. Strengthening of AK's Marine Mammal Stranding Program through Statewide Stranding	54,534	221,81
Direct	11.439	G00013517	Coordinator for level A - C Response with Improved Data and Sample Management	-	32,37
Direct	11.439	G00013592	Marine Mammal Stranding Response and Reporting in Western Alaska	· -	79:
Direct	11.439	G00014373	Marine Mammal Stranding Response and Reporting in Western Alaska FY22	-	26,58
Direct	11.439	G00014440	Continued Strengthening of Alaska's Marine Mamma Stranding Program through a Statewide Stranding Coordinator for level A - C Response with Improved Data and Sample Management		52,70
Direct	11.459	G00012380	Experimental Framework for Testing the National Water Model: Operationalizing the Use of Snow Remote Sensing in Alaska	_	27.52
Prince William Sound Science Center	11.472	CONTRACT 17-71-01 AMD 5	EVOS Oceanographic Long-term Monitoring Long Term Monitoring: Ecological Communities in	-	46,23
Prince William Sound Science Center Prince William Sound Science Center	11.472 11.472	17-71-05 17-71-06	Kachemak Bay, Phase 2 Environmental Drivers: Seward Line Long-Term Monitoring of the Alaska Coastal	-	58,17 107,43
Prince William Sound Science Center	11.472	17-71-03	Current	-	70,04
Direct	11.472	G00011586	Long-term monitoring of humpback whale predation on Pacific herring in Prince William Sound	-	35,910
North Pacific Research Board	11.472	1806-02	Pacific Cod Individual Based Model Enhancement and Validation Ringed seal breeding habitat, lair distributin and	-	46,532
North Pacific Research Board	11.472	1811 / F8811-00	density, and evidence of pupping and predation during a baseline period	-	9,49
North Pacific Research Board	11.472	1814 / F8814-01	Impact of lagoon habitat on Steller's eiders Hot spots of activity in the cold ocean: Ecological characterization of size-fractionated microbial	-	47,68
North Pacific Research Board	11.472	1802 / F8802 - 00	communities Resolving the annual pelagic distribution of Tufted Puffins: Associations with oceanographic features	-	34,410
North Pacific Research Board North Pacific Research Board	11.472 11.472	1812-01 1802-90/1787	and isotopic niche Water is Life — Water is Alive	- -	17,819 10,43
North Pacific Research Board	11.472	1811-90 / 1778	The story of Alaskan ringed seals through Indigenous and scientific perspectives	-	21,22
Direct	11.472	G00012819	Cooperative Training and Research for Alaska Fisheries Science Implications of a declining trend in body size and	-	411,69
North Pacific Research Board	11.472	1902	condition on abundance of Sockeye Salmon in the Copper River, Alaska	-	29,710
Direct	11.472	G00013023	NOAA Support of ANSEP FY20-24 Tracing the Fate of Phytoplankton-Derived Carbon in	-	22,07
North Pacific Research Board	11.472	1907 A	Chukchi Shelf Sediments Tracing the Fate of Phytoplankton-Derived Carbon in	-	37,515
North Pacific Research Board	11.472	1907B	Chukchi Shelf Sediments(B)	· -	3,906
North Pacific Research Board	11.472	1912	Predicting benthic habitat suitability from functional traits in a changing Arctic marine ecosystem	-	117,179

		Grant Number or Pass-Through		Amounts Passed through to	Total Federal
Federal Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Identifying Number	Program Title	Subrecipients (\$)	Expenditures (\$)
			Ecosystem monitoring and detection of wind and ice-		
			mediated changes through a year-round physical and biogeochemical mooring in the Northeast Chukchi		
North Pacific Research Board	11.472	L36-00A	Sea		- 22,586
North Pacific Research Board	11.472	1913	Sea otter and walrus specimen archival at the UA Museum of the North		- 39,205
. To him a deline resident a sound			Impact of Glacier and Fjord Dynamics on Seal		
North Pacific Research Board	11.472	1905A	Habitat		- 114,937
North Pacific Research Board	11.472	A98-00B	F ASGARD Fish Arctic Shelf Growth, Advection, Respiration and Deposition Rates		- 13,696
			A novel coupling of isotopic approaches to identify		
North Pacific Research Board	11.472	1908	pathways of methylmercury through marine food- webs of the Aleutians		- 175,101
North Lacine Research Board	11.472	1700	Quantifying phytoplankton biomass and productivity		- 175,101
V 45 75 45 4	11.450	****	in the Gulf of Alaska surface waters at unprecedented		21.512
North Pacific Research Board North Pacific Research Board	11.472 11.472	2001 1912 - 90/1926	spatial scales Arctic benthic change in motion		- 21,512 - 5,824
			Marine mammal museum kits for outreach at UA		
North Pacific Research Board	11.472	1913-90/1928	Museum		- 12,797
			A 4000-year retrospective study of seabird diets; insights from archaeological collections on Sanak		
North Pacific Research Board	11.472	2007A	Island, Alaska		- 181,875
			Resource Access, Well-Being and Small-Scale Fishing Livelihoods in Alaska's Rural and Indigenous		
North Pacific Research Board	11.472	2014	Communities		- 18,631
			The Student Observing Sikiliaq Information (SOSSI)		
North Pacific Research Board	11.472	2001-90/1954	Program		- 1,055
			Space use and movement ecology of the understudied		
North Pacific Research Board	11.472	2010	Pacific sleeper shark in the Gulf of Alaska		- 6,512
			Using unmanned aircraft systems (UAS) to survey seabird abundance and nest productivity: a validation		
North Pacific Research Board	11.472	1818	study		- 70,337
			Gulf of Alaska Deep-Sea Zooplankton -		
			Morphological and genetic analyses of zooplankton communities from nearshore to deep-sea waters of		
North Pacific Research Board	11.472	2102	the Gulf of Alaska		- 65,694
			Measuring the pulse of the Gulf of Alaska:		
North Pacific Research Board	11.472	L37-00C	Oceangraphic observations along the Seward Line: 2019-2024		- 132,944
			Ecosystem monitoring and detection of wind and ice-		
			mediated changes through a year-round physical and biogeochemical mooring in the Northeast Chukchi		
North Pacific Research Board	11.472	L36-00B	Sea		- 30,595
North Pacific Research Board	11.472	2109	Marine heat & acidification events in GOA		- 11,615
North Pacific Research Board	11.472	1905B	Impact of Glacier and Fjord Dynamics on Seal 1905B		- 4,526
			ECOHAB 2017: Uncovering the mechanisms behind wintertime occurences of paralytic shellfish toxicity in		
Direct	11.478	G00011684	geoduck fisheries in Southeast Alaska	40,82	6 119,773
University of Wyoming	11.478	1004101 MOD 3	Ocean Acidification Threshholds		- 32,893
			Application of a quantitative molecular method to		
			characterize abundance and distribution of		
University of Washington	11.478	SUB NO UWSC11435 BPO# 43:	3 Alexandrium Cysts for NOAA's HAB Forecasting Thresholds in a changing ocean environment:		- 15,937
			bioeconomic implications to inform adaptation		
University of Wyoming	11.478	1004101 I UAF	decisions for Alaska's salmon fisheries		- 73,232
Sitka Tribe of Alaska (IRA)	11.478	SUBAWARD NA20NOS4780195	ECOHAB19: Trophic Transfer & Effects of HAB toxins in Alaskan Marine Food Webs		- 70,769
Side Trice of Allasta (Fee s)	11.170		ECOHAB19: Trophic Transfer & Effects of HAB		70,703
Sitka Tribe of Alaska (IRA)	11.478	SUBAWARD NA20NOS4780195	toxins in Alaskan Marine Food Webs	205.00	- 24,143
Department of Commerce Total				285,80	7 9,170,151
Department of Defense					
Direct	12.000	G00011364	NACT Proposal for HDTRA1-17-R-003: Waveform Operations & Maintenance		- 159,562
Direct	12,000	G00011767	MGT Habitat Gravel Pit Reclamation Plan JBER		- 1,656
Direct	12.000	G00012105	Management Species, Bat Survey		- 51
			Resilience of boreal ecosystems assessed using high- frequency records of dissolved organic matter and		
Direct	12.000	G00012163	nitrate in streams		- 163,850
Direct	12.000	G00012250	Chernofski Harbor-Mutton Cove Archaeological Excavation, Mapping, and Survey		- 186,853
Direct	12.000	G00012230	Exceration, mapping, and ourvey		160,633
			Resiliency and Vulnerability of Boreal Forest Habitat		
Northern Arizona University	12.000	SUBAGREEMENT NO 1003724	to the Interaction of Climate and Fire Disturbance -tacross DoD Lands of Interior Alaska		- 20,202
	12,000	_ 55115165511E111 11O. 1003/24	Tricolored Blackbird at Edwards Air Force Base,		20,202
Direct	12.000	G00012392	California		- 1,759
			OASD(NCB/TRAC) UARC for Research and Development in the Geophysical Detection of		
Direct	12.000	G00012416	Nuclear Proliferation - ADMINISTRATION		- 206,017

ral 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 (\$)
			POA53-CESU 18-06 Mgt. Invasive Species,		
Direct	12.000	G00012422	Ironwood Trees, Bellows Air Force Station, Oahu	-	477,557
D'	10.000	500018405	Asbestos Lead Database Development Kadena Air		16.46
Direct Direct	12.000 12.000	G00012435 G00012569	Base, Japan UARC FIXED FEE ALL	-	16,46 515,00
Direct	12.000	G00012810	Management, Species, Salmon Otter Lake Drainage	_	38,39
Direct	12.000	G00012890	Management Species, Bat Survey	-	58,91
Direct	12.000	G00013017	GDNP UARC Support for DTRA NACT - #1	113,901	113,90
D.	12.000	000012026	Mgt, Species, Beluga Whale Prey , All waters but		210.00
Direct	12.000	G00013036	Sixmile	-	218,99
Direct	12.000	G00013070	MGT, Habitat, Forest Resources (FXSBOS14819)	-	74,29
Direct	12.000	G00013072	Army Collection Curation Management Species, Invasive Species—Multi Plant	-	1,31
Direct	12.000	G00013113	Species Species Walter Faint	_	36,91
Direct	12.000	G00013133	MGT Habitat Winter Moose Browse, JBER	=	70,43
Lawrence Livermore Nat'l Laboratory	12.000	B638696	Fort Greely Seismic Monitoring System	=	122,68
			Habitat Management & Mission Vulnerability, JBER		
Direct	12.000	G00013306	Alaska	-	62,58
Direct	12.000	G00013431	UARC T5 ARCTIC GRAVITY	-	164,82
Direct	12.000	G00013459	UARC T6 HSAS	506,444	506,44
Direct	12.000	G00013490	GDNP UARC T8 Arctic GeoData	22,674,426	26,757,15
			UARC TO7 - Improving Small Event Characterization and Determination of Moment		
Direct	12,000	G00013544	Tensor Uncertainties	113,729	354,07
Bilect	12,000	000015544	Management, Species, Statistical Oversight	115,725	354,07
Direct	12.000	G00013564	(FXSBOS614120) Limited Proposal	_	20,7
Direct	12,000	G00013655	GDNP UARC Task Order #9	45,000	533,66
			Management, Species, Rare Plant Inventory		
Direct	12.000	G00013747	(FXSB61516620)	-	88,44
SRI International	12.000	SUB# 54122	AtmoSense Background Characterization (ABC)	-	39,5
			AIRWaveS: Atmosphere-Ionosphere Responses to		
University of New Hampshire	12.000	L0131	Wave Signals	-	21,05
Direct	12 000	G00014055	Arctic and Subarctic Engineering Design Tool:		26.4
Direct Direct	12.000 12.000	G00014055 G00014105	Technology Transfer UFC 3-130 Revision GDNP UARC - Task Order 10	-	36,40 132,4
Bilect	12,000	000014103	UAA Summer Engineering Academies' Structure	-	152,4
Direct	12.000	G00014188	Destruction Camp	_	3,13
Direct	12,000	G00014202	ALCOM Arctic Initiatives	=	131,58
			Secure and Resilient Power Generation in Cold		
Direct	12.000	G00014265	Regions Environments	340,689	1,002,46
Direct	12.000	G00014283	UAS support of USCG Kodiak Drills	-	36,70
D'	12.000	600014440	ALCOM Arctic Initiatives - ADSO/ARSOC (under		20.00
Direct	12.000	G00014449	Master G14217) GDNP UARC - TO11 - Counter-Unmanned Aircraft	-	20,92
			System Technology to Protect Department of		
Direct	12,000	G00014488	Defense Assets in the Arctic	429,973	1,790,4
			CubeSat Communications Platform (CCP) for On-	, , , , , ,	-,,.
			orbit Verification and Validation of Communication		
			Protocols aimed at Maximizing Information		
Space Dynamics Laboratory	12.000	CP0072007 (FFP)	Throughput	-	13,78
			Arctic Security Forces Roundtable Planning and		
Direct	12.000	G00014714	Support Services	=	25,30
Direct	12.005	G00014423	Conservation and Rehabilitation of Natural Resources on Military Installations		27,73
Direct	12.003	G00014423	Conservation and Rehabilitation of Natural	-	21,1.
Direct	12.005	G00014450	Resources on Military Installations	_	6,8
Direct	12.300	G00010732	Basic and Applied Scientific Research	=	74,2
Direct	12.300	G00010779	Basic and Applied Scientific Research	-	9,4
Direct	12.300	G00011426	Basic and Applied Scientific Research	-	6
Direct	12.300	G00011467	Basic and Applied Scientific Research	46,419	184,7
Direct	12.300	G00011625	Basic and Applied Scientific Research	-	4,3
Direct	12.300	G00012114	Basic and Applied Scientific Research	-	341,0
Direct	12.300	G00012201	Basic and Applied Scientific Research	-	229,3
Direct Direct	12.300 12.300	G00012676 G00012747	Basic and Applied Scientific Research Basic and Applied Scientific Research	-	2,355,1 208,0
	12,300	G00012747 G00013193	Basic and Applied Scientific Research	=	2,355,8
Direct		G00013478	Basic and Applied Scientific Research	_	11,1
Direct Direct	12.300		Basic and Applied Scientific Research	-	148,0
Direct Direct Direct	12.300 12.300	G00013519			119,4
Direct			Basic and Applied Scientific Research	105,694	
Direct Direct	12.300	G00013519	• •	105,694	199,0
Direct Direct Direct	12.300 12.300	G00013519 G00013542	Basic and Applied Scientific Research Basic and Applied Scientific Research Basic and Applied Scientific Research	105,694	
Direct Direct Direct Direct University of California, San Diego Direct	12.300 12.300 12.300 12.300 12.300	G00013519 G00013542 G00014081 704371 G00014164	Basic and Applied Scientific Research Basic and Applied Scientific Research Basic and Applied Scientific Research Basic and Applied Scientific Research	- - -	80,0 130,5
Direct Direct Direct Direct University of California, San Diego Direct Direct	12.300 12.300 12.300 12.300 12.300 12.300	G00013519 G00013542 G00014081 704371 G00014164 G00014299	Basic and Applied Scientific Research Basic and Applied Scientific Research Basic and Applied Scientific Research Basic and Applied Scientific Research Basic and Applied Scientific Research	105,694 - - - 60,089	80,0 130,5 105,6
Direct Direct Direct Direct University of California, San Diego Direct Direct Direct Direct	12.300 12.300 12.300 12.300 12.300 12.300 12.300	G00013519 G00013542 G00014081 704371 G00014164 G00014299 G00014309	Basic and Applied Scientific Research	- - -	80,0 130,5 105,6 10,0
Direct Direct Direct Direct University of California, San Diego Direct Direct	12.300 12.300 12.300 12.300 12.300 12.300	G00013519 G00013542 G00014081 704371 G00014164 G00014299	Basic and Applied Scientific Research	- - -	80,0 130,5 105,6 10,0
Direct Direct Direct Direct University of California, San Diego Direct Direct Direct Direct	12.300 12.300 12.300 12.300 12.300 12.300 12.300	G00013519 G00013542 G00014081 704371 G00014164 G00014299 G00014309	Basic and Applied Scientific Research Navy Command, Control, Communications,	- - -	80,0 130,5 105,6 10,0
Direct Direct Direct Direct University of California, San Diego Direct Direct Direct Direct Direct	12.300 12.300 12.300 12.300 12.300 12.300 12.300 12.300	G00013519 G00013542 G00014081 704371 G00014164 G00014299 G00014309 G00014574	Basic and Applied Scientific Research Navy Command, Control, Communications, Computers, Intelligence, Surveillance, and	- - -	80,00 130,53 105,60 10,00 461,33
Direct Direct Direct Direct University of California, San Diego Direct Direct Direct Direct	12.300 12.300 12.300 12.300 12.300 12.300 12.300	G00013519 G00013542 G00014081 704371 G00014164 G00014299 G00014309	Basic and Applied Scientific Research Basic and Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance	- - -	80,00 130,53 105,60 10,08 461,35
Direct Direct Direct Direct University of California, San Diego Direct Direct Direct Direct Direct	12.300 12.300 12.300 12.300 12.300 12.300 12.300 12.300	G00013519 G00013542 G00014081 704371 G00014164 G00014299 G00014309 G00014574	Basic and Applied Scientific Research Navy Command, Control, Communications, Computers, Intelligence, Surveillance, and	- - -	80,000 130,533 105,600 10,08 461,35
Direct Direct Direct Direct University of California, San Diego Direct Direct Direct Direct Direct Direct Direct	12.300 12.300 12.300 12.300 12.300 12.300 12.300 12.300 12.300	G00013519 G00013542 G00014081 704371 G00014164 G00014299 G00014309 G00014574	Basic and Applied Scientific Research Navy Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance Scientific Research - Combating Weapons of Mass	- 60,089 -	199,03° 80,000 130,53° 105,60° 10,08° 461,35° 459,12° 4,300,30°

				Amounts Passed	
deral Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass-Through Identifying Number	Program Title	through to Subrecipients (\$)	Total Federal Expenditures (\$)
Direct	12.560	G00013222	DOD, NDEP, DOTC-STEM Education Outreach Implementation	-	15,655
Direct	12.560	G00013649	DOD, NDEP, DOTC-STEM Education Outreach Implementation	-	272,120
Direct	12.630	G00013892	Basic, Applied, and Advanced Research in Science and Engineering	<u>-</u>	202,336
Direct Department of Defense Total	12.632	G00012817	Legacy Resource Management Program	25,496,584	46,855
				23,490,384	40,043,903
Department of Interior			Alaska's Eroding Infrastructure: Systematic		
Bristol Bay Native Assoc.	15.000	SIGNED 01.30.2020	Approach to Identifying and Prioritizing Coastal Infrastructure at Risk to Erosion	-	4,209
			BLM-AK NCL CESU Attemptin to Identify Impacts of the White River Ash on Human-Landuse in the		
Direct	15.000	G00013355	Steese National Conservation Area	-	253
Direct	15.019	G00014160	Experienced Services Alaska Terrestrial AIM Task Order AK-2 Revised -	-	12,398
Direct	15.200	G00012423	Greater Moose's Tooth and Willow Oil and Gas Development Areas	-	278,312
Direct	15.200	G00013587	BLM Region 9: UAA ACCS Alaska Seeds of Success (SOS) Lead Support	-	75,763
Direct	15.225	G00011811	Recreation and Visitor Services	57,257	
Direct	15.225	G00014122	Recreation and Visitor Services	-	1,624
Direct	15.228	G00013706	BLM Fuels Management and Community Fire Assistance Program Activities	. <u>-</u>	237
Direct	15.230	G00011761	Invasive and Noxious Plant Management	-	136,490
P	15.001	600011000	Fish, Wildlife and Plant Conservation Resource		0.050
Direct	15,231	G00011038	Management Fish, Wildlife and Plant Conservation Resource		8,069
Direct	15.231	G00011064	Management	-	1,157
Direct	15.232	G00013682	Joint Fire Science Program	-	183,442
Direct Direct	15.232 15.237	G00013684 G00011567	Joint Fire Science Program Rangeland Resource Management	-	60,575 46,094
Direct	15.244	G00011643	Fisheries and Aquatic Resources Management		121,814
Direct	15.247	G00013110	Wildlife Resource Management	-	32,306
Direct	15.247	G00013647	Wildlife Resource Management	-	1,463
Direct Direct	15.248 15.421	G00014260 G00012804	National Landscape Conservation System Alaska Coastal Marine Institute	=	640 106,335
Direct	15.421	G00012804 G00012972	Alaska Coastal Marine Institute Alaska Coastal Marine Institute	-	55,472
Direct	15.421	G00012972 G00013015	Alaska Coastal Marine Institute	17,366	
Direct	15.421	G00013101	Alaska Coastal Marine Institute	· -	31,056
Direct	15.421	G00013326	Alaska Coastal Marine Institute	-	17,793
Direct	15.421	G00013532	Alaska Coastal Marine Institute	•	89,484
Direct Direct	15.421 15.421	G00013664 G00013696	Alaska Coastal Marine Institute Alaska Coastal Marine Institute		35,001 82,151
Direct	15.421	G00013697	Alaska Coastal Marine Institute	22,234	
Direct	15.421	G00013720	Alaska Coastal Marine Institute	14,807	
Direct	15.421	G00014282	Alaska Coastal Marine Institute	-	17,953
Direct	15.421	G00014291	Alaska Coastal Marine Institute	-	7,390
Direct	15.421	G00014367	Alaska Coastal Marine Institute Bureau of Ocean Energy Management (BOEM)	-	35,591
North Pacific Research Board	15.423	A91-99A	Environmental Studies (ES) Bureau of Ocean Energy Management (BOEM)	-	62,594
Direct	15.423	G00011630	Environmental Studies (ES)	-	45,840
Direct	15.423	G00011755	Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	-	2,961
Direct	15.423	G00011764	Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	7,157	85,645
Direct	15.423	G00012601	Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)		26,761
Direct	15.423	G00013079	Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	-	196,625
University of Texas at Austin	15.423	UTA19-001308	Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	-	45,231
Alaska Department of Fish & Game	15.423	1122067	Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	-	46,229
Direct	15.423	G00014241	Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)	235,110	628,630
Direct	15.508	G00014352	Providing Water to At-Risk Natural Desert Terminal Lakes	-	18,800
P	15.00	Consider	Mapping Riparian Habitat in the Montana and Meadow Creek Watersheds for the Matanuska-		
Direct National Fish & Wildlife Foundation	15.600 15.600	G00013704 5101.22.074541	Susitna Basin Salmon Habitat Partnership NFWF Summer Scholars Program with ANSEP	=	18,363 52,182
National Fish & Wildlife Foundation Direct	15.600	5101.22.074541 G00013092	Fish and Wildlife Management Assistance	-	52,182 63,344
Direct	15.608	G00013032 G00013210	Fish and Wildlife Management Assistance	-	39,015
Direct	15.608	G00013308	Fish and Wildlife Management Assistance	-	40,968
Direct	15.608	G00013438	Fish and Wildlife Management Assistance	-	47,539
Direct	15.608	G00013699 G00013780	Fish and Wildlife Management Assistance	-	59,367
Direct Direct	15.608 15.608	G00013789 G00014351	Fish and Wildlife Management Assistance Fish and Wildlife Management Assistance	- -	2,444 8,147
Alaska Department of Fish & Game	15.615	1122101	Cooperative Endangered Species Conservation Fund	-	1,092
ranona Department of Fish & Oams	15,015		perame Enamigered Species Conservation Fund	•	1,092

					Amounts Passed	
Fadaral Gran	ator/Cluster Title/Direct Award or Pass Through Entity	AI N Number	Grant Number or Pass-Through Identifying Number	Program Title	through to Subrecipients (\$)	Total Federal Expenditures (\$)
rederai Gran	Alaska Department of Fish and Game	15,634	ADN 1122089	State Wildlife Grants	Subrecipients (3)	- 42,978
	Alaska Dept of Fish and Game Wildlife Conservation	15.634	ADN 1122093	State Wildlife Grants		- 61,133
	Alaska Department of Fish & Game	15.634	1122072	State Wildlife Grants		- 7,440
	Alaska Department of Fish and Game	15.634	1122147	State Wildlife Grants		- 6,310
	Alaska Department of Fish and Game	15,636	1121166	Alaska Subsistence Management		- 76
	Alaska Department of Fish and Game	15.636	1122151	Alaska Subsistence Management		- 3,177
	Direct	15.660	G00013702	Candidate Species Conservation		- 7,868
	Direct	15.660	G00013707	Candidate Species Conservation		- 16,083
	Direct	15.660	G00013792	Candidate Species Conservation		- 48,141
	Direct	15.664	G00014154	Fish and Wildlife Coordination and Assistance		- 76,460
	Direct	15.664	G00014218	Fish and Wildlife Coordination and Assistance		- 38,380
	Direct	15.670	G00013166	Adaptive Science		- 22,744
	Direct	15.678	G00011035	Cooperative Ecosystem Studies Units		- 18,791
	Direct	15.678	G00011087	Cooperative Ecosystem Studies Units		- 10,263
	Direct	15.678	G00011724	Cooperative Ecosystem Studies Units		- 1,400
	Direct	15.678	G00012433	Cooperative Ecosystem Studies Units		- 2,266
	Direct	15.678	G00012715	Cooperative Ecosystem Studies Units		- 12,210
	Direct	15.678	G00013307	Cooperative Ecosystem Studies Units		- 6,063
	Direct	15.678	G00013600	Cooperative Ecosystem Studies Units		- 86,365
	Alaska Conservation Foundation	15.678	USFWS-21-03	Cooperative Ecosystem Studies Units		- 59,694
				Landsat And The Cryosphere: Tracking Interactions		
	University of Colorado, Boulder	15.800	1561259 / PO# 1001591247(YR5) Between Ice, Snow, and the Earth System		- 35,508
	America View, Inc.	15.800	AV18-AK-01	StateView Program Development and Operations for the State of Alaska		- 21,898
	america view, inc.	15.000	AV 10-AK-VI	the State Of Alaska		21,898
				Chaparral Quote 21006: 76 Chaparral M64Vx2		
	Direct	15.800	G00014235	Infrasound Sensors for USGS order 140G0321P0187		- 289,000
				Combining local traditional knowledge and machine		
				learning to predict the future safety of shellfish		
	Direct	15.800	G00014328	harvests in a changing climate		- 103,206
	Direct	15.800	G00014775	Barry Arm Seismic Development IPA		- 37,519
				Assistance to State Water Resources Research		
	Direct	15.805	G00010680	Institutes		- 28,605
		15.005	G00014844	Assistance to State Water Resources Research		57.100
	Direct	15.805	G00014344	Institutes		- 57,190
	Direct	15.808	G00011070	U.S. Geological Survey Research and Data Collection		9,565
				U.S. Geological Survey Research and Data		,,,,,,
	Direct	15.808	G00011181	Collection		- 50,000
	Direct	15.808	G00012424	U.S. Geological Survey Research and Data Collection		- 15.632
	Bitet	13.000	300012424	U.S. Geological Survey Research and Data		15,052
	Direct	15.808	G00012988	Collection		- 24,626
				U.S. Geological Survey Research and Data		
	Direct	15.808	G00013084	Collection		- 14
				U.S. Geological Survey Research and Data		
	Direct	15.808	G00013220	Collection		- 723,484
				U.S. Geological Survey Research and Data		
	Direct	15.808	G00013776	Collection		- 1,707,110
				U.S. Geological Survey Research and Data		
	Direct	15.808	G00014428	Collection		- 33,460
				U.S. Geological Survey Research and Data		
	Direct	15.808	G00014494	Collection		- 1,705,105
	Direct	15.810	G00013410	National Cooperative Geologic Mapping		- 1,543
	Direct	15.810	G00014165	National Cooperative Geologic Mapping		- 11,865
	Direct	15.812	G00010998	Cooperative Research Units	11,23	
	Direct	15.812	G00011043	Cooperative Research Units		- 602,150
	Direct	15.812	G00012045	Cooperative Research Units		- 272,536
	Direct Direct	15.812	G00012245 G00012345	Cooperative Research Units Cooperative Research Units		- 3,032 - 13,289
	Direct	15.812 15.812	G00012345 G00012926	Cooperative Research Units Cooperative Research Units		- 13,289 - 102,348
	Direct	15.812	G00012926 G00012950	Cooperative Research Units		- 102,348 - 46,154
	Direct	15.812	G00012950 G00012968	Cooperative Research Units		- 40,134 - 69,521
	Direct	15.812	G00012908 G00013324	Cooperative Research Units		- 53,753
	Direct	15.812	G00013350	Cooperative Research Units	7,18	
	Direct	15.812	G00013580	Cooperative Research Units	7,10	- 43,856
	Direct	15.812	G00013588	Cooperative Research Units		- 14,477
	Direct	15.812	G00013806	Cooperative Research Units		- 6,297
	Direct	15.812	G00013807	Cooperative Research Units		- 52,285
	Direct	15.812	G00013808	Cooperative Research Units		- 45,809
	Direct	15.812	G00013926	Cooperative Research Units		- 53,507
	Direct	15.812	G00013927	Cooperative Research Units		- 55,396
	Direct	15.812	G00013946	Cooperative Research Units		- 66,353
	Direct	15.812	G00013992	Cooperative Research Units		- 16,148
	Direct	15.812	G00014067	Cooperative Research Units		- 58,639
	Direct	15.812	G00014232	Cooperative Research Units		- 35,656
	Direct	15.812	G00014234	Cooperative Research Units		- 15,159
	Direct	15.812	G00014263	Cooperative Research Units		- 15,271
	Direct	15.812	G00014394	Cooperative Research Units		- 12,915
	Direct	15.818	G00012109	Volcano Hazards Program Research and Monitoring		- 29,146
						27,140
	Direct	15.818	G00014115	Volcano Hazards Program Research and Monitoring		- 1,898,454

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	15.820	G00011635	National and Regional Climate Adaptation Science Centers	18,583	1,657,601
Direct	15.820	G00012554	National and Regional Climate Adaptation Science Centers		70,623
			National and Regional Climate Adaptation Science	-	
Direct	15.820	G00012725	Centers National and Regional Climate Adaptation Science	=	39,762
Direct	15.820	G00013380	Centers National and Regional Climate Adaptation Science	=	39,050
Direct	15.820	G00013942	Centers	-	86,474
Direct	15.820	G00013943	National and Regional Climate Adaptation Science Centers	_	20,199
		C0001 4205	National and Regional Climate Adaptation Science		
Direct	15.820	G00014305	Centers National and Regional Climate Adaptation Science	-	41,738
Direct	15.820	G00014307	Centers National and Regional Climate Adaptation Science	-	18,673
Direct	15.820	G00014308	Centers	-	17,284
Direct	15.820	G00014330	National and Regional Climate Adaptation Science Centers	-	3,017
Direct	15.820	G00014347	National and Regional Climate Adaptation Science Centers	_	8,339
			National and Regional Climate Adaptation Science		
Direct	15.820	G00014349	Centers National and Regional Climate Adaptation Science	=	41,695
Direct	15.820	G00014350	Centers	-	52,170
Direct	15.820	G00014393	National and Regional Climate Adaptation Science Centers	=	23,839
Direct	15.820	G00014415	National and Regional Climate Adaptation Science Centers		10,372
Direct	13.820	000014413	National and Regional Climate Adaptation Science	-	10,372
Direct	15.820	G00014681	Centers	-	27,500
Direct Direct	15.944 15.944	G00012798 G00014333	Natural Resource Stewardship Natural Resource Stewardship	27,659	50,658 88,019
			Cooperative Research and Training Programs -		
Direct	15.945	G00010410	Resources of the National Park System Cooperative Research and Training Programs –	-	1,682
Direct	15.945	G00010892	Resources of the National Park System	-	11,391
Direct	15.945	G00011013	Cooperative Research and Training Programs – Resources of the National Park System	=	21,839
Direct	15.945	G00011078	Cooperative Research and Training Programs – Resources of the National Park System	_	37,038
			Cooperative Research and Training Programs -		
Direct	15.945	G00011081	Resources of the National Park System Cooperative Research and Training Programs –	-	111
Direct	15.945	G00011097	Resources of the National Park System	-	12,547
Direct	15.945	G00011444	Cooperative Research and Training Programs – Resources of the National Park System	=	2,396
Direct	15.945	G00011596	Cooperative Research and Training Programs – Resources of the National Park System	_	2,053
Direct		000011390	Cooperative Research and Training Programs –	-	2,033
Direct	15.945	G00011599	Resources of the National Park System Cooperative Research and Training Programs –	-	3,280
Direct	15.945	G00011653	Resources of the National Park System	=	91,636
Direct	15.945	G00011806	Cooperative Research and Training Programs – Resources of the National Park System	-	62,623
2.00	15.5 15	300011000	Cooperative Research and Training Programs –		02,020
Direct	15.945	G00012401	Resources of the National Park System Cooperative Research and Training Programs –	=	31,088
Direct	15.945	G00012780	Resources of the National Park System	=	30,962
Direct	15.945	G00012905	Cooperative Research and Training Programs – Resources of the National Park System	_	8,945
			Cooperative Research and Training Programs -		
Direct	15.945	G00013002	Resources of the National Park System Cooperative Research and Training Programs –	-	8,138
Direct	15.945	G00013026	Resources of the National Park System	-	27,850
Direct	15.945	G00013028	Cooperative Research and Training Programs – Resources of the National Park System	-	38,169
Direct	15.945	G00013041	Cooperative Research and Training Programs – Resources of the National Park System		6,492
Direct	13.943	G00013041	Cooperative Research and Training Programs –	-	0,492
Direct	15.945	G00013126	Resources of the National Park System Cooperative Research and Training Programs –	=	110,712
Direct	15.945	G00013189	Resources of the National Park System	-	55,541
Direct	15.945	G00013349	Cooperative Research and Training Programs – Resources of the National Park System	_	48,505
			Cooperative Research and Training Programs -	_	
Direct	15.945	G00013391	Resources of the National Park System Cooperative Research and Training Programs –	-	29,595
Direct	15.945	G00013400	Resources of the National Park System	=	86,456
Direct	15.945	G00013449	Cooperative Research and Training Programs – Resources of the National Park System	-	19,153
			Cooperative Research and Training Programs -	_	
Direct	15.945	G00013469	Resources of the National Park System	-	53,969

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 (\$)
Direct	15.945	G00013562	Cooperative Research and Training Programs – Resources of the National Park System	_	111,093
Bilect	13.543	000013302	Cooperative Research and Training Programs -	_	111,02
Direct	15.945	G00013612	Resources of the National Park System	-	67,363
Direct	15.945	G00013633	Cooperative Research and Training Programs – Resources of the National Park System	_	54,13
			Cooperative Research and Training Programs -		
Direct	15.945	G00013638	Resources of the National Park System Cooperative Research and Training Programs –	-	16,83
Portland State University (PSU)	15.945	100202	Resources of the National Park System	_	56,80
			Cooperative Research and Training Programs -		
Direct	15.945	G00014102	Resources of the National Park System Cooperative Research and Training Programs –	-	5,42
Direct	15.945	G00014345	Resources of the National Park System	-	15,12
P	15.045	G00014410	Cooperative Research and Training Programs –		45.00
Direct	15.945	G00014419	Resources of the National Park System Cooperative Research and Training Programs –	-	46,32
Alaska Department of Fish and Game	15.945	1122100	Resources of the National Park System		9,93
Department of Interior Total				418,584	15,859,55
Department of Justice					
National 4H Council	16.726	4-H NMP10	Juvenile Mentoring Program	-	9,55
National 4H Council Alaska Department of Public Safety	16.726 16.833	NMP11 19-17SAKI-01-2/ADN 1221041	Juvenile Mentoring Program National Sexual Assault Kit Initiative	-	18,66 20,22
Department of Justice Total	10.055	19-176/Md-01-2/MDIV 12210+1	National Sexual Assual Fit Industry		48,44
Department of Transportation Direct	20.109	G00012357	Air Transportation Centers of Excellence	_	6.95
Direct	20.109	G00012993	Air Transportation Centers of Excellence	_	1,53
Direct	20.109	G00013008	Air Transportation Centers of Excellence	-	30,07
Direct	20.109	G00013266	Air Transportation Centers of Excellence	-	1,12
Direct Direct	20.109 20.109	G00013267 G00013268	Air Transportation Centers of Excellence Air Transportation Centers of Excellence	-	13,46 12,90
Direct	20.109	G00013533	Air Transportation Centers of Excellence	-	143,23
Direct	20.109	G00013710	Air Transportation Centers of Excellence	-	224,21
Direct	20.109	G00013982	Air Transportation Centers of Excellence	-	20,47
Direct Direct	20.109 20.109	G00013983 G00013984	Air Transportation Centers of Excellence Air Transportation Centers of Excellence	-	22,64 73,73
Direct	20.200	G00013644	Highway Research and Development Program	-	73,67
Direct	20.701	G00011341	University Transportation Centers Program	804,885	1,157,65
University of Washington	20,701	UWSC10217 BPO28344	University Transportation Centers Program	10,226	420,23
Direct	20.724	G00012600	Pipeline Safety Research Competitive Academic Agreement Program (CAAP)	<u>-</u>	78,09
Department of Transportation Total				815,111	2,280,01
National Aeronautics and Space Administration					
NASA Space Telescope Science Institute	43,000	HST-AR-15026,001-A MOD 6	AR: Characterizing the Physical Mechanisms Driving Feeding and Feedback in Active Galaxies	<u>-</u>	6,47
			Lunar Environment heliophysics X-ray Imager		,
Boston University	43.000	SUB# 4500003486	(LEXI)	-	25,86
			Time History of Events and Macroscale Interactions during Substorms (THEMIS) - Extended Phase E		
University of California	43.000	SUB# 00010657	FY21	_	81,84
Direct	43.001	G00010570	Science	-	78,36
Direct Direct	43.001	G00010587 G00010794	Science Science	50,971	
Direct	43.001 43.001	G00010794 G00011218	Science	-	30,02 57,62
Woods Hole Oceanographic Institution	43.001	A101348	Science	-	4,57
Direct	43.001	G00011589	Science	243,143	
University of California Santa Barbara NCEAS Direct	43.001 43.001	KK1831 G00011775	Science Science	- 77,761	83,38 186,95
Embry-Riddle Aeronautical University	43.001	SUB#61488-01/PO 250553/26035		77,761	180,93
Universities Space Research Association	43.001	05762-01 / PO#20180599	Science	-	4,92
Direct	43.001	G00012010	Science	39,879	
Direct Direct	43.001 43.001	G00012039 G00012074	Science Science	208,575	335,03 37
Direct	43.001	G00012274 G00012236	Science	5,765	
University of Pittsburgh	43.001	CNVA0059586 (414333-1)	Science	-	15,84
Direct	43.001	G00012257	Science	-	138,01
Direct Direct	43.001 43.001	G00012265 G00012348	Science Science	20,394	20,39 164,31
Direct	43.001	G00012348 G00012383	Science	36,000	
Direct		61534-02/ PO 250817 / 261019	Science		3,79
Embry-Riddle Aeronautical University	43.001		Science	-	171,88
Embry-Riddle Aeronautical University Direct	43.001	G00012732	Caianaa		
Embry-Riddle Aeronautical University Direct Direct	43.001 43.001	G00012796	Science Science	32,830	
Embry-Riddle Aeronautical University Direct	43.001		Science Science Science	32,830	152,12
Embry-Riddle Aeronautical University Direct Direct Direct Direct Direct	43.001 43.001 43.001 43.001 43.001	G00012796 G00012806 G00012813 G00012818	Science Science Science	- - -	152,12 48,33 24,33
Embry-Riddle Aeronautical University Direct Direct Direct Direct Direct Direct Direct	43.001 43.001 43.001 43.001 43.001 43.001	G00012796 G00012806 G00012813 G00012818 G00012852	Science Science Science	32,830 - - 72,034	152,12 48,33 24,33 190,38
Embry-Riddle Aeronautical University Direct Direct Direct Direct Direct University of Arizona	43.001 43.001 43.001 43.001 43.001 43.001 43.001	G00012796 G00012806 G00012813 G00012818 G00012852 517705	Science Science Science Science Science	72,034	152,12 48,35 24,35 190,38 27,74
Embry-Riddle Aeronautical University Direct Direct Direct Direct Direct Direct	43.001 43.001 43.001 43.001 43.001 43.001	G00012796 G00012806 G00012813 G00012818 G00012852	Science Science Science	- - -	152,12 48,37 24,37 190,38 27,74 78,69
Embry-Riddle Aeronautical University Direct Direct Direct Direct Direct Direct University of Arizona Direct	43.001 43.001 43.001 43.001 43.001 43.001 43.001 43.001	G00012796 G00012806 G00012813 G00012818 G00012852 517705 G00012967	Science Science Science Science Science Science Science	72,034	152,12: 48,37: 24,37- 190,38: 27,746

				Amounts Passed	
		Grant Number or Pass-Through		through to	Total Federal
Grantor/Cluster Title/Direct Award or Pass Through Entity	43.001	Identifying Number	Program Title Science	Subrecipients (\$)	Expenditures (\$)
University of California Los Angeles Direct	43,001	2090 G XA211 G00013093	Science	-	26,925 158,233
Direct	43.001	G00013093 G00013122	Science	- -	49.672
University of Memphis	43.001	A20-0099-S001 MOD 1	Science	=	10,358
Direct	43.001	G00013192	Science	29,659	
Direct	43.001	G00013293	Science		38,523
Direct	43.001	G00013301	Science	-	99,406
Direct	43.001	G00013348	Science	7,882	
Direct	43.001	G00013424	Science	17,880	77,183
Direct	43.001	G00013515	Science	59,287	277,289
Direct	43.001	G00013576	Science	=	48,433
Direct	43.001	G00013643	Science	=	77,672
Direct	43.001	G00013646	Science	=	63,734
Direct	43.001	G00013686	Science	=	11,809
Direct	43.001	G00013793	Science	84,130	113,012
Direct	43.001	G00013825	Science	37,288	67,709
Southwest Research Institute	43.001	P99039DS	Science	-	17,228
Direct	43.001	G00013851	Science	-	162,225
Direct	43.001	G00013880	Science	=	87,005
Carnegie Mellon University	43.001	1110244-438416	Science	=	24,931
New Jersey Institute of Technology (NJIT)	43.001	(NP) 997484	Science	=	11,553
Woods Hole Oceanographic Institution	43.001	A101521	Science	=	36,016
Direct	43.001	G00013918	Science	3,404	108,752
Carnegie Mellon University	43.001	SUB# 1110245-439456	Science	=	27,432
Arizona State University	43.001	ASUB00000752	Science	-	21,058
Direct	43.001	G00014056	Science	-	78,548
Direct	43,001	G00014057	Science	-	38,609
Woodwell Climate Research Center	43.001	WOODWELL-BG0402-01	Science	-	4,434
Direct	43.001	G00014085	Science	-	107,240
Clemson University	43.001	SUB NO. 2153-204-2013427	Science	-	48,904
Direct	43.001	G00014140	Science	-	109,951
Direct	43.001	G00014142	Science	-	154,643
Direct	43.001	G00014223	Science	-	31,519
JPL	43.001	1666752	Science	-	62,182
Direct	43.001	G00014278	Science	-	173,612
Direct	43.001	G00014334	Science	-	26,736
Direct	43.001	G00014337	Science	-	37,912
Direct	43.001	G00014442	Science	-	4,765
Direct	43.001	G00014460	Science	-	18,491
Direct	43.001	G00014467	Science	-	14,428
Direct	43.001	G00014497	Science	-	12,330
JPL	43.001	1670285	Science	-	8,402
University of California Berkeley	43.001	00010895 PO#BB01534160	Science	-	3,945
Embry-Riddle Aeronautical University	43.001	61684-03	Science	-	6,858
Direct	43.001	G00014606	Science	-	8,172
Direct	43.001	G00014608	Science	-	39,629
Direct	43.001	G00014660	Science	-	6,362
Direct	43.001	G00014685	Science	-	31,481
Direct	43.001	G00014725	Science	-	301,949
Direct	43.001	G00014822	Science	-	20,912
Direct	43.001	G00014836	Science	-	10,226
Direct	43.008	G00012645	Office of Stem Engagement (OSTEM)	13,580	
Direct	43.008	G00012874	Office of Stem Engagement (OSTEM)	-	212,149
Direct	43.008	G00013295	Office of Stem Engagement (OSTEM)	35,336	
Direct	43.008	G00013392	Office of Stem Engagement (OSTEM)	-	27,517
Direct	43.008	G00013598	Office of Stem Engagement (OSTEM)	110,830	
Direct	43.008	G00013613	Office of Stem Engagement (OSTEM)	-	234,163
Direct	43.008	G00014109	Office of Stem Engagement (OSTEM)	=	115,534
Direct	43.008	G00014395	Office of Stem Engagement (OSTEM)	=	14,158
Direct	43.008	G00014556	Office of Stem Engagement (OSTEM)	-	18,556
Direct	43.008	G00014629	Office of Stem Engagement (OSTEM)		49,245
National Aeronautics and Space Administration Total				1,204,135	18,469,182
National Science Foundation					
			PFISR OPERATIONS AND MAINTENANCE		
SRI International	47.000	SUB# 35444 (AGS-1840962)	SUPPORT	=	460,688
			Collaborative Research; Research, Synthesis, and		
			Knowledge Transfer in a Changing Arcitc: Science		
			Support for the Study of Environmental Arctic		
Arctic Research Consortium of the U.S. (ARCUS)	47.000	S1331083-2021-04	Change (SEARCH)	-	43,357
			Precipitating Change With Alaskan and Hawaiian		
			Schools: Bridging Indigenous and Western Science		
		CLID AWARD NO. 254 21 01	While Modeling Mitigation of Coastal Erosion	-	33,942
The Concord Consortium	47.000	SUBAWARD NO. 354.21.01			107.614
The Concord Consortium Direct	47.000 47.000	G00014193	NSF Assignment Agreement for Olivia Lee	-	127,614
		G00014193	AccelNet-Implementation: Crustal Ocean Biosphere	-	127,614
				-	4,088
Direct	47.000	G00014193	AccelNet-Implementation: Crustal Ocean Biosphere	-	
Direct	47.000	G00014193	AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA)	-	
Direct	47.000	G00014193	AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS	- - -	
Direct Bigelow Labs	47.000 47.000	G00014193 301050B	AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through	- - - -	4,088
Direct Bigelow Labs Direct	47.000 47.000 47.000	G00014193 301050B G00014537	AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship	- - - -	4,088
Direct Bigelow Labs Direct Direct	47.000 47.000 47.000 47.000	G00014193 301050B G00014537 G00014697	AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship TFS 4th CA Supplement	- - - - -	4,088 11,343 1,140,005
Direct Bigelow Labs Direct Direct Direct	47.000 47.000 47.000 47.000 47.041	G00014193 301050B G00014537 G00014697 G00011741	AccelNet-Implementation: Crustal Ocean Biosphere Research Accelerator (COBRA) Belmont Forum Collaborative Research: AWERRS Arctic Wetlands Ecosystems – Resilience through Restoration & Stewardship TFS 4th CA Supplement Engineering	- - - - - -	4,088 11,343 1,140,005 520,630

					Amounts Passed	
Federal Gran	ntor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass-Through Identifying Number	Program Title	through to Subrecipients (\$)	Total Federal Expenditures (\$)
Teacha Gran	Direct	47.041	G00013636	Engineering	- Subrecipients (6)	26,641
	Direct	47.041	G00013885	Engineering	-	18,421
	Direct	47.049	G00011705	Mathematical and Physical Sciences	=	3,869
	Direct	47.049	G00012172	Mathematical and Physical Sciences	-	42,165
	CASIS: Center for the Advanement of Science in Space, Inc. Direct	47.049 47.049	GA-2019-09923 MOD 4 G00012904	Mathematical and Physical Sciences Mathematical and Physical Sciences	-	- 3,717 - 26,912
	Direct	47.049	G00012904 G00012944	Mathematical and Physical Sciences	-	24,659
	Direct	47.049	G00013524	Mathematical and Physical Sciences	-	74,030
	Direct	47.049	G00013597	Mathematical and Physical Sciences	-	49,669
	Direct	47.049	G00013604	Mathematical and Physical Sciences	·-	- 23,472
	Direct	47.049	G00014320	Mathematical and Physical Sciences	-	8,950
	Direct	47.049	G00014792	Mathematical and Physical Sciences	-	- 2,475
	Direct Direct	47.050 47.050	G00004196 G00008287	Geosciences Geosciences	-	- 16,184 - 15,463
	Direct	47.050	G00008287 G00008977	Geosciences		11,112
	Direct	47.050	G00009052	Geosciences	·-	18,857
	Direct	47.050	G00009161	Geosciences	-	7,712
	Direct	47.050	G00009230	Geosciences	-	30,689
	Direct	47.050	G00009374	Geosciences	-	1,020
	Direct	47.050	G00009513	Geosciences	-	- 476
	Direct Direct	47.050 47.050	G00009585 G00010054	Geosciences Geosciences	142,906	5,817 142,906
	Direct	47.050	G00010034 G00010085	Geosciences	142,900	- 344,035
	Direct	47.050	G00010124	Geosciences	·-	114,141
	Direct	47.050	G00010199	Geosciences	-	- 16,817
	Direct	47.050	G00010236	Geosciences	·-	- 11,515
	Direct	47.050	G00010340	Geosciences	-	5,803
	Direct	47.050	G00010363	Geosciences	18,494	
	Direct	47.050 47.050	G00010364	Geosciences Geosciences	-	- 47,863 - 162,519
	Direct Direct	47.050	G00010371 G00010551	Geosciences	-	8,241
	Direct	47.050	G00010856	Geosciences	·-	2,915
	Direct	47.050	G00010953	Geosciences	· -	200,038
	Direct	47.050	G00010954	Geosciences	=	4,300
	Direct	47.050	G00010955	Geosciences	·-	- 63,339
	Direct	47.050	G00010966	Geosciences	·-	5,384
	Direct	47.050	G00011024	Geosciences	-	113,967
	Direct Direct	47.050 47.050	G00011033 G00011190	Geosciences Geosciences	-	- 49,603 - 137,781
	Direct	47.050	G00011254	Geosciences	-	50,987
	Direct	47.050	G00011281	Geosciences	25,810	
	Direct	47.050	G00011351	Geosciences	· -	8,165
	Direct	47.050	G00011387	Geosciences	·-	122,993
	Direct	47.050	G00011471	Geosciences	-	- 23,790
	Direct	47.050	G00011538	Geosciences Geosciences	-	60,931
	Direct Direct	47.050 47.050	G00011557 G00011592	Geosciences	12,349	82,593 42,809
	Direct	47.050	G00011592 G00011603	Geosciences	12,349	9,611
	University of Texas at Austin	47.050	UTA17-000312 **PENDING**	Geosciences	-	308,899
	Direct	47.050	G00011626	Geosciences	18,747	21,013
	Direct	47.050	G00011627	Geosciences	·-	148,045
	Direct	47.050	G00011702	Geosciences	-	48,275
	Direct	47.050	G00011706	Geosciences	· -	69,174
	Direct Direct	47.050 47.050	G00011707 G00011709	Geosciences Geosciences	519,468	413,614 1,404,923
	Direct	47.050	G00011709 G00011773	Geosciences	519,400	71,233
	Pennsylvania State University, The	47.050	5696-UAF-NSF-5369	Geosciences	·-	17,809
	Direct	47.050	G00011862	Geosciences	·-	113,608
	Massachusetts Institue of Technology	47.050	SUBAWARD NO. 107294	Geosciences	-	1,020
	Direct	47.050	G00011993	Geosciences	-	164,838
	Direct	47.050	G00011994	Geosciences	·-	- 145,965
	Direct Direct	47.050 47.050	G00012061 G00012080	Geosciences Geosciences	2,128	- 181,410 3 32,404
	Direct	47.050	G00012080 G00012124	Geosciences	2,120	5,707
	Direct	47.050	G00012127	Geosciences	·-	
	Direct	47.050	G00012169	Geosciences	-	39,583
	Direct	47.050	G00012178	Geosciences	-	7,255,914
	Direct	47.050	G00012185	Geosciences	·-	173,577
	Direct	47.050	G00012261	Geosciences	-	- 258,783
	Direct	47.050	G00012282	Geosciences	· -	- 80,716
	Direct Direct	47.050 47.050	G00012291 G00012294	Geosciences Geosciences	59,720	- 106,343) 222,039
	Direct	47.050	G00012305	Geosciences	39,720	- 609
	Direct	47.050	G00012303 G00012316	Geosciences	-	33,251
	Direct	47.050	G00012318	Geosciences	159,166	
	Direct	47.050	G00012355	Geosciences	, ·	- 34,724
	Direct	47.050	G00012360	Geosciences	44,582	218,374
	Biteet		G00012365	Geosciences	-	29,412
	Direct	47.050				
	Direct	47.050	G00012366	Geosciences	-	150,693
	Direct Direct Direct	47.050 47.050	G00012366 G00012428	Geosciences Geosciences	- -	2,773
	Direct Direct Direct University of Wyoming	47.050 47.050 47.050	G00012366 G00012428 1003870 - UAF / PO# P325595	Geosciences Geosciences Geosciences	- - -	2,773 102
	Direct Direct Direct University of Wyoming Comell University	47.050 47.050 47.050 47.050	G00012366 G00012428 1003870 - UAF / PO# P325595 SUBAWARD 83568-11156 MOD	Geosciences Geosciences Geosciences Geosciences	- - -	2,773 - 102 - 31,643
	Direct Direct Direct University of Wyoming	47.050 47.050 47.050	G00012366 G00012428 1003870 - UAF / PO# P325595	Geosciences Geosciences Geosciences	- - - -	2,773 102

		Grant Number or Pass-Through		Amounts Passed through to	Total Federal
Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Identifying Number	Program Title	Subrecipients (\$)	Expenditures (\$)
Direct	47.050	G00012708	Geosciences	-	63,654
Direct	47.050	G00012721	Geosciences	_	101,913
Direct	47.050	G00012728	Geosciences	<u>-</u>	7,658
Direct	47.050	G00012740	Geosciences	<u>-</u>	256,812
Oregon State University	47.050	SUBAWARD # S2089C-B	Geosciences	_	94,285
Direct	47.050	G00012766	Geosciences	_	90,989
Direct	47.050	G00012771	Geosciences	_	3,511
Direct	47.050	G00012772	Geosciences	_	156,582
Direct	47.050	G00012799	Geosciences	_	232,839
Direct	47.050	G00012850	Geosciences	7,771	27,451
Direct	47.050	G00012853	Geosciences	,,,,,	99,104
Direct	47.050	G00012865	Geosciences	<u>_</u>	43,678
Direct	47.050	G00012805 G00012875	Geosciences	140	
Direct	47.050	G00012891	Geosciences	140	
			Geosciences	-	159,26
Direct	47.050	G00012895		-	18,30
Direct	47.050	G00012935	Geosciences	=	25,493
Direct	47.050	G00012939	Geosciences	-	170,59
Direct	47.050	G00012976	Geosciences	-	321,49
Direct	47.050	G00012989	Geosciences	=	151,898
Direct	47.050	G00012990	Geosciences	-	192,150
Direct	47.050	G00012991	Geosciences	89,607	438,445
Direct	47.050	G00013003	Geosciences	-	62,349
Direct	47.050	G00013004	Geosciences	=	163,132
Direct	47.050	G00013012	Geosciences	-	81,679
Direct	47.050	G00013016	Geosciences	_	39,875
Pennsylvania State University, The	47.050	S000079-NSF	Geosciences	36,565	
Columbia University	47,050	3(GG014070) MOD 2	Geosciences	_	71,138
Direct	47.050	G00013159	Geosciences	4,456	
	47.050	S000076-NSF MOD 2	Geosciences	4,430	
Pennsylvania State University, The				27.100	13,517
Direct	47.050	G00013232	Geosciences	37,189	49,249
Direct	47.050	G00013252	Geosciences	-	10,213
University of Arizona	47.050	559344	Geosciences	-	41,932
Direct	47.050	G00013282	Geosciences	-	117,627
Direct	47.050	G00013323	Geosciences	-	296,129
Direct	47.050	G00013378	Geosciences	-	162,454
Direct	47.050	G00013416	Geosciences	_	47,959
Georgetown University	47.050	SUB AWD7774077-GR206621 M		_	4,649
Direct	47.050	G00013483	Geosciences	_	52,054
Direct	47.050	G00013510	Geosciences	43,338	
Direct	47.050	G00013535	Geosciences	20,000	137,058
			Geosciences	20,000	
Direct	47.050	G00013559		-	71,518
Direct	47.050	G00013569	Geosciences	-	21,200
Direct	47.050	G00013577	Geosciences	=	27,711
Direct	47.050	G00013595	Geosciences	-	21,728
Direct	47.050	G00013605	Geosciences	-	16,553
Direct	47.050	G00013611	Geosciences	-	119,869
Direct	47.050	G00013628	Geosciences	=	140,636
Direct	47.050	G00013657	Geosciences	_	67,639
Direct	47.050	G00013669	Geosciences	_	364,377
Direct	47.050	G00013681	Geosciences	<u>_</u>	95,363
Woodwell Climate Research Center	47.050	WOODWELL-BGX403-02	Geosciences		9,28
			Geosciences	-	
Direct	47.050	G00013700		-	119,362
Direct	47.050	G00013717	Geosciences	-	15,109
Direct	47.050	G00013767	Geosciences	-	15,44
Direct	47.050	G00013796	Geosciences	=	41,339
Direct	47.050	G00013815	Geosciences	-	33,980
Direct	47.050	G00013947	Geosciences	-	15,86-
University of Colorado	47.050	1560318/ PO 1001469934	Geosciences	-	78,17
Direct	47.050	G00013993	Geosciences	=	89,613
Direct	47.050	G00013994	Geosciences	_	22,613
Direct	47.050	G00014012	Geosciences	_	19,449
Direct	47.050	G00014051	Geosciences	<u>_</u>	1,522,46
Direct	47.050	G00014110	Geosciences		11,24
			Geosciences	-	
IRIS	47.050	SU-21-1001-00-UAF TO#1.01		-	19,55
Direct	47.050	G00014168	Geosciences	-	43,85
Direct	47.050	G00014192	Geosciences	-	42,27
Direct	47.050	G00014195	Geosciences	-	16,57
Direct	47.050	G00014206	Geosciences	-	1,01
Direct	47.050	G00014295	Geosciences	-	77,19
Direct	47.050	G00014298	Geosciences	_	11,04
Direct	47.050	G00014304	Geosciences	_	176,30
Direct	47.050	G00014306	Geosciences	_	230,43
Direct	47.050	G00014300 G00014321	Geosciences	-	230,43
	47.050	G00014321 G00014323	Geosciences	<u>-</u>	
Direct				-	17,91
Columbia University	47.050	1(GG013282-01)/PO SAPO G160		-	32,89
Direct	47.050	G00014433	Geosciences	-	18,73
	47.050	G00014447	Geosciences	-	20,24
Direct			Geosciences	-	220,82
	47.050	G00014493			
Direct		G00014493 G00014553	Geosciences	=	11.59
Direct Direct Direct	47.050 47.050	G00014553		- -	
Direct Direct Direct Direct	47.050 47.050 47.050	G00014553 G00014586	Geosciences	- - -	23,32
Direct Direct Direct Direct Direct	47.050 47.050 47.050 47.050	G00014553 G00014586 G00014595	Geosciences Geosciences	- - -	23,324 4,57
Direct Direct Direct Direct Direct University of New Mexico	47.050 47.050 47.050 47.050 47.050	G00014553 G00014586 G00014595 133687-873U	Geosciences Geosciences	- - -	23,32 4,57 11,50
Direct Direct Direct Direct Direct University of New Mexico University of Texas at Austin	47.050 47.050 47.050 47.050 47.050 47.050	G00014553 G00014586 G00014595 133687-873U UTAUS-SUB00000356	Geosciences Geosciences Geosciences Geosciences	- - - - -	11,596 23,324 4,575 11,509
Direct Direct Direct Direct Direct University of New Mexico	47.050 47.050 47.050 47.050 47.050	G00014553 G00014586 G00014595 133687-873U	Geosciences Geosciences	- - - - - -	23,32 4,57 11,50

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 (S
Direct	47.070	G00012388	Computer and Information Science and Engineering	· -	41,
Direct	47.070	G00014316	Computer and Information Science and Engineering	-	53,
University of Maryland	47.070	NSF00123-01	Computer and Information Science and Engineering	_	19.
Direct	47.074	G00009579	Biological Sciences	-	26,
Direct	47.074	G00010215	Biological Sciences	-	6,
Direct	47.074	G00010627	Biological Sciences	=	21,
Direct	47.074	G00010660	Biological Sciences	-	48,
Direct	47.074	G00010881	Biological Sciences	_	23,
Direct	47.074	G00010947	Biological Sciences	_	23,
Direct	47.074	G00011029	Biological Sciences	_	52,
Direct	47.074	G00011031	Biological Sciences	_	4,
Direct	47,074	G00011192	Biological Sciences	_	
Direct	47.074	G00011192 G00011285	Biological Sciences	_	1,120,
University of Texas at Austin	47.074	UTA17-000641	Biological Sciences	_	1,120,
Direct	47.074	G00011640	Biological Sciences	_	27.
Direct	47.074		Biological Sciences	_	92.
		G00012225		-	
Direct	47.074	G00012317	Biological Sciences	-	. 68,
Yale University	47.074	GR103377(CON-80001343)	Biological Sciences	-	. 9,
University of Alabama Birmingham	47.074	SUBAWARD NO 000519741-SC0		-	. 2,
Direct	47.074	G00012982	Biological Sciences	=	58,
Direct	47.074	G00013534	Biological Sciences	-	. 17,
Direct	47.074	G00013608	Biological Sciences	10,104	. 51
Direct	47.074	G00013847	Biological Sciences	_	20
Direct	47,074	G00013913	Biological Sciences	_	96
Arizona State University	47.074	ASUB00000699	Biological Sciences	_	. 6
Field Museum of Natural History	47.074	50131-1-FDP	Biological Sciences	_	. 2
Direct	47.074	G00014181	Biological Sciences	_	30
	47.074		Biological Sciences	_	
University of Colorado, Boulder		1560969		-	. 3
Direct	47.074	G00014464	Biological Sciences	-	81
Direct	47.074	G00014487	Biological Sciences	-	. 12
Direct	47.074	G00014644	Biological Sciences	-	. 36
Direct	47.075	G00011686	Social, Behavioral, and Economic Sciences	-	. 7
Direct	47.075	G00012112	Social, Behavioral, and Economic Sciences	-	- 18
Direct	47.075	G00012773	Social, Behavioral, and Economic Sciences	-	- 10
Direct	47,075	G00013630	Social, Behavioral, and Economic Sciences	_	32
Direct	47.075	G00014180	Social, Behavioral, and Economic Sciences	-	256
George Mason University	47.075	E2055651	Social, Behavioral, and Economic Sciences	_	. 14
Direct	47.075	G00014310	Social, Behavioral, and Economic Sciences	_	. 61
Direct	47.075	G00014426	Social, Behavioral, and Economic Sciences	_	. 3
Alaska Native Tribal Health Consortium	47.075	ALF DTD 12/10/21 \$21,015	Social, Behavioral, and Economic Sciences	_	. 5
				-	
Direct	47.076	G00011478	Education and Human Resources	-	412
Direct	47.076	G00011558	Education and Human Resources	-	160
Direct	47.076	G00011679	Education and Human Resources	-	290
Direct	47.076	G00012235	Education and Human Resources	-	137
Direct	47.076	G00012287	Education and Human Resources	-	. 191
Direct	47,076	G00012320	Education and Human Resources	-	142
Direct	47.076	G00012364	Education and Human Resources	56,407	282
Direct	47.076	G00012407	Education and Human Resources	-	240
Direct	47.076	G00012432	Education and Human Resources	-	90
Direct	47.076	G00012791	Education and Human Resources	_	201
Direct	47.076	G00013114	Education and Human Resources	_	16
Direct	47.076	G00013136	Education and Human Resources	_	31
Direct	47.076	G00013683	Education and Human Resources	_	555
			Education and Human Resources	_	
Direct	47.076	G00013902		-	. 15
Direct	47.076	G00013924	Education and Human Resources		. 50
Direct	47.076	G00014112	Education and Human Resources	20,513	
Direct	47.076	G00014170	Education and Human Resources	-	. 68
Direct	47.076	G00014194	Education and Human Resources	-	95
Direct	47.076	G00014200	Education and Human Resources	-	. 27
Direct	47.078	G00010915	Polar Programs	_	1,968
Direct	47.078	G00011245	Polar Programs	53,352	. 70
Direct	47.078	G00012671	Polar Programs	· _	397
Direct	47.078	G00012896	Polar Programs		828
Arctic Research Consortium of the U.S. (ARCUS)	47.078	1928794	Polar Programs	_	020
Direct	47.078			_	33
		G00013300	Polar Programs	2.050	
Direct	47.078	G00013302	Polar Programs	3,850	
Direct	47.078	G00013303	Polar Programs	-	. 57
Direct	47.078	G00013314	Polar Programs	3,357	
Direct	47.078	G00013394	Polar Programs	254,050	
Direct	47.078	G00013412	Polar Programs	-	. 54
Direct	47.078	G00013426	Polar Programs	-	29
Direct	47.078	G00013454	Polar Programs	_	- 11
Direct	47.078	G00013488	Polar Programs	2,934	
Direct	47.078	G00013488 G00013497	Polar Programs	2,934	41:
				-	
Direct	47.078	G00013522	Polar Programs		120
Direct	47.078	G00013555	Polar Programs	59,580	
Direct	47.078	G00013557	Polar Programs	-	298
Direct	47.078	G00013579	Polar Programs	-	1,289
Direct	47.078	G00013590	Polar Programs	_	. 7
	47.078	G00013596	Polar Programs	_	. 106
Direct Direct	47.078 47.078	G00013596 G00013603	Polar Programs Polar Programs	-	. 106 . 29

antor/Cluster Title/Direct Award or Pass Through Entity				Amounts Passed	
antor/Cluster Title/Direct Award or Pass Through Entity		Grant Number or Pass-Through		through to	Total Federal
Arctic Research Consortium of the U.S. (ARCUS)	47,078	Identifying Number OPDiarc 21-169	Program Title Polar Programs	Subrecipients (\$)	Expenditures (\$)
Alaska Native Tribal Health Consortium	47.078	20-U-337170 AMND 1	Polar Programs	-	4,81° 18,72°
Direct	47.078	G00013981	Polar Programs	- -	26,86
Direct	47.078	G00014076	Polar Programs	_	119,18
Direct	47.078	G00014070 G00014133	Polar Programs	-	158,35
Direct	47.078	G00014203	Polar Programs	_	41,07
Direct	47.078	G00014205	Polar Programs	_	2
Direct	47.078	G00014207	Polar Programs	_	77,00
Direct	47.078	G00014244	Polar Programs	_	44,47
Direct	47.078	G00014271	Polar Programs	_	3,45
Direct	47.078	G00014296	Polar Programs	_	18,51
Direct	47.078	G00014302	Polar Programs	68,091	511,72
Direct	47.078	G00014312	Polar Programs	-	86,39
Direct	47.078	G00014348	Polar Programs	_	25,10
Direct	47.078	G00014361	Polar Programs	_	35,85
Des Moines Area Community College	47.078	DMACC 22-02	Polar Programs	_	8,06
Direct	47.078	G00014425	Polar Programs	_	11,63
Northern Arizona University	47.078	1004919-01	Polar Programs	_	11,0
Direct	47.078	G00014601	Polar Programs	_	20,0
Direct	47.078	G00014656	Polar Programs	-	98,8
Direct	47.078	G00014679	Polar Programs	-	3,5%
Direct	47.078		Polar Programs	-	
		G00014689		-	13,60
Direct	47.078	G00014762	Polar Programs	-	87,60
Direct	47.078	G00014794	Polar Programs	-	28,22
University of Southern California	47.079	67449315 / PO#10372986	Office of International Science and Engineering	-	168,53
Direct	47.079	G00013018	Office of International Science and Engineering	-	194,13
George Washington University	47.083	16-S10 MOD 5	Integrative Activities	-	83,2
Direct	47.083	G00011742	Integrative Activities	-	34,2
Direct	47.083	G00012260	Integrative Activities	-	3,892,2
Direct	47.083	G00012925	Integrative Activities	498,261	1,030,1
Direct	47.083	G00013156	Integrative Activities	-	10,4
Direct	47.083	G00013160	Integrative Activities	-	29,5
Direct	47.083	G00013162	Integrative Activities	-	161,60
Direct	47.083	G00013175	Integrative Activities	-	23,77
South Dakota School of Mines & Technology	47.083	SDSMT-UAA 21-07 AMD 1	Integrative Activities	-	48,97
Boise State University	47.083	8220-PO139246	Integrative Activities	-	113,83
Direct	47.083	G00014591	Integrative Activities	-	39,83
Direct	47.083	G00014651	Integrative Activities	-	4,83
National Science Foundation Total			-	2,272,935	51,071,01
Environmental Protection Agency					
Dept. of Environmental Conservation	66.202	18190062/18200091 AMD 1	Congressionally Mandated Projects	12,166	11,68
Direct	66.461	G00013248	Regional Wetland Program Development Grants	-	16,78
Chugach Regional Resources Commission	66.461	CD-01J93201-0 SUB 395-UAA	Regional Wetland Program Development Grants	-	99
AK Department of Environmental Conservation	66.605	18210123	Performance Partnership Grants	-	4,77
AK Department of Environmental Conservation	66,605	18220031	Performance Partnership Grants	-	24,82
*			Environmental Information Exchange Network Grant	i	
Direct	66.608	G00013104	Program and Related Assistance	-	58,23
Environmental Protection Agency Total				12,166	117,29
Department of Energy					
Department of Energy					
Department of Energy			UAF participation in: "Resilient Alaskan Distribution		
	01.000		system Improvements using Automation, Network		
Department of Energy Idaho National Laboratory	81.000	STANDARD RESEARCH CONT	system Improvements using Automation, Network , analysis, Control, and Energy storage"	-	69,4:
Idaho National Laboratory			system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal	-	
Idaho National Laboratory Los Alamos National Laboratory	81.000	SUB CO NO. 585557	system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE)	-	532,5
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory			system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance	-	532,5 50,2
Idaho National Laboratory Los Alamos National Laboratory	81.000	SUB CO NO. 585557	system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity	-	532,5 50,2
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory	81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation	-	532,5 50,2 27,0
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab	81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3	system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity	- - - - -	532,5' 50,21 27,0' 222,6
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory	81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation	-	532,57 50,28 27,09 222,6
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory	81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020	-	532,57 50,28 27,09 222,6
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory	81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237	system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 Classification of Cloud Particle Imagery and Thermodynamics (COCPIT): Development of a New	-	532,5' 50,21 27,0' 222,6
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory	81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 Classification of Cloud Particle Imagery and Thermodynamics (COCPIT): Development of a New Tool for Classification, Environmental Identification,	-	532,57 50,28 27,09 222,6
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory	\$1.000 \$1.000 \$1.000 \$1.000 \$1.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 Classification of Cloud Particle Imagery and Thermodynamics (COCPIT): Development of a New Tool for Classification, Environmental Identification, and Exploration of Cloud Particle Images Captured	-	532,5; 50,2; 27,0; 222,6; 155,86
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory	81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 Classification of Cloud Particle Imagery and Thermodynamics (COCPIT): Development of a New Tool for Classification, Environmental Identification,	-	532,5' 50,2' 27,0' 222,6 155,86
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory	\$1.000 \$1.000 \$1.000 \$1.000 \$1.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns	-	532,5 50,2 27,0 222,6 155,8
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York	81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV)	-	532,5 50,2 27,0 222,6 155,8
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory	\$1.000 \$1.000 \$1.000 \$1.000 \$1.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection	-	532,5 50,2 27,0 222,6 155,8
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York	81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249	system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine	-	532,5 50,2 27,0 222,6 155,8
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York	81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused	-	532,5 50,2 27,0 222,6 155,8
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York	81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused configuration of the Energy Exascale Earth System	-	532,5′ 50,2′ 27,0′ 222,6 155,8(
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York Municipality of Anchorage	81.000 81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249 2-89114 PO# 2021001664	system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused configuration of the Energy Exascale Earth System Model (E3SM-Artic) Research and Development	-	532,5; 50,2; 27,0; 222,6; 155,86 24,89
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York	81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused configuration of the Energy Exascale Earth System	-	532,5; 50,2; 27,0; 222,6; 155,86 24,89
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lavrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York Municipality of Anchorage	81.000 81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249 2-89114 PO# 2021001664	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused configuration of the Energy Exascale Earth System Model (E3SM-Artic) Research and Development Services	-	532,51 50,28 27,09 222,61 155,86
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York Municipality of Anchorage Los Alamos National Laboratory	81.000 81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249 2-89114 PO# 2021001664	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused configuration of the Energy Exascale Earth System Model (E3SM-Artic) Research and Development Services UAF participation in "Patterns and Value of Co-	-	532,51 50,28 27,05 222,61 155,86 24,85 8,63
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York Municipality of Anchorage	81.000 81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249 2-89114 PO# 2021001664	system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Octoe ARM Lead Mentor Octoe 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused configuration of the Energy Exascale Earth System Model (ESSM-Artic) Research and Development Services UAF participation in "Patterns and Value of Co- Adoption of Solar and Related Energy Technologies"	-	532,51 50,28 27,05 222,61 155,86 24,85 8,63
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York Municipality of Anchorage Los Alamos National Laboratory Yale University	81.000 81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249 2-89114 PO# 2021001664 629033 CON-80003265 (GR114320)	system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused configuration of the Energy Exascale Earth System Model (E3SM-Artic) Research and Development Services UAF participation in "Patterns and Value of Co- Adoption of Solar and Related Energy Technologies" Marine Hydrokinetic Resource Assessment	-	532,57 50,28 27,09 222,61 155,86 24,89 8,63
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York Municipality of Anchorage Los Alamos National Laboratory	81.000 81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249 2-89114 PO# 2021001664	system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused configuration of the Energy Exascale Earth System Model (ESSM-Artic) Research and Development Services UAF participation in "Patterns and Value of Co- Adoption of Solar and Related Energy Technologies"	-	532,57 50,28 27,09 222,61 155,86 24,89 8,63
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York Municipality of Anchorage Los Alamos National Laboratory Yale University	81.000 81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249 2-89114 PO# 2021001664 629033 CON-80003265 (GR114320)	system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused configuration of the Energy Exascale Earth System Model (E3SM-Artic) Research and Development Services UAF participation in "Patterns and Value of Co- Adoption of Solar and Related Energy Technologies" Marine Hydrokinetic Resource Assessment	-	532,57 50,28 27,05 222,61 155,86 24,89 8,63
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York Municipality of Anchorage Los Alamos National Laboratory Yale University	81.000 81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249 2-89114 PO# 2021001664 629033 CON-80003265 (GR114320)	system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused configuration of the Energy Exascale Earth System Model (E3SM-Artic) Research and Development Services UAF participation in "Patterns and Value of Co- Adoption of Solar and Related Energy Technologies" Marine Hydrokinetic Resource Assessment	-	532,5; 50,2; 27,0; 222,6; 155,86 24,89 8,66
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York Municipality of Anchorage Los Alamos National Laboratory Yale University	81.000 81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249 2-89114 PO# 2021001664 629033 CON-80003265 (GR114320)	system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused configuration of the Energy Exascale Earth System Model (E3SM-Artic) Research and Development Services UAF participation in "Patterns and Value of Co- Adoption of Solar and Related Energy Technologies" Marine Hydrokinetic Resource Assessment Framework for Microgrid Applications	-	532,5; 50,2; 27,0; 222,6; 155,86 24,89 8,6; 13,2; 1,5;
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York Municipality of Anchorage Los Alamos National Laboratory Yale University Idaho National Laboratory	81.000 81.000 81.000 81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249 2-89114 PO# 2021001664 629033 CON-80003265 (GR114320) SRC NO 251314	system Improvements using Automation, Network analysis, Control, and Energy storage* Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused configuration of the Energy Exascale Earth System Model (E3SM-Artic) Research and Development Services UAF participation in "Patterns and Value of Co- Adoption of Solar and Related Energy Technologies" Marine Hydrokinetic Resource Assessment Framework for Microgrid Applications Preventing the Next Pandemic: Biosurvelilance of	-	532,51 50,28 27,09 222,61 155,86 24,89 8,63 85,69 13,27 1,52 4,33
Idaho National Laboratory Los Alamos National Laboratory Idaho National Laboratory Lawrence Berkeley National Lab Argonne National Laboratory Argonne National Laboratory State University of New York Municipality of Anchorage Los Alamos National Laboratory Yale University Idaho National Laboratory	81.000 81.000 81.000 81.000 81.000 81.000 81.000 81.000	SUB CO NO. 585557 CONTRACT NO. 226920 MOD 8 7552897 MOD 3 NO. 0F-60237 1F-60249 2-89114 PO# 2021001664 629033 CON-80003265 (GR114320) SRC NO 251314	system Improvements using Automation, Network analysis, Control, and Energy storage" Interdisciplinary Research for Arctic Coastal Environments (INTERFACE) INL Consultation Assistance The importance of power: valuation of electricity DOE-ARM Lead Mentor Arctic Precipitation ARM Lead Mentor 2020 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 Field Campaigns Pilot Heavy-Duty Electric Vehicle (EV) Demonstration for Municipal Solid Waste Collection Implement, Run, and Evaluate a Marine Biogeochemistry capability in an Artic-focused configuration of the Energy Exascale Earth System Model (E3SM-Artic) Research and Development Services UAF participation in "Patterns and Value of Co- Adoption of Solar and Related Energy Technologies" Marine Hydrokinetic Resource Assessment Framework for Microgrid Applications Preventing the Next Pandemic: Biosurvelilance of Paleopathogen Release Due to Climate Change	-	69,42 532,57 50,28 27,09 222,61 155,86 24,89 8,63 85,69 13,27 1,52 4,33 627,30 114,62

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 (
Direct	81.049	G00012986	Office of Science Financial Assistance Program	606,616	1,012
Direct	81.049	G00013317	Office of Science Financial Assistance Program	-	177
Pacific Northwest National Laboratory PNNL	81.049	CONTRACT NO: 522253	Office of Science Financial Assistance Program	-	1
University of Illinois at Champaign	81.049	101305-18115	Office of Science Financial Assistance Program	-	5
Direct	81.049	G00014311	Office of Science Financial Assistance Program	-	577
Igiugig Village Council	81.087	2018-09	Renewable Energy Research and Development	-	51
Direct	81.087	G00012815	Renewable Energy Research and Development	-	172
University of Washington	81.087	UWSC11792 / BPO # 47431	Renewable Energy Research and Development	-	210
Direct	81.087	G00014407	Renewable Energy Research and Development	-	104
Direct	81.089	G00012073	Fossil Energy Research and Development	_	124
Direct	81.089	G00012107	Fossil Energy Research and Development	1,238,622	1,446
University of North Dakota	81.089	G-050-96 / FY20-XCL-226	Fossil Energy Research and Development	1,230,022	170
Direct	81.089	G00014414	Fossil Energy Research and Development	_	170
				702.702	
Direct	81.135	G00012044	Advanced Research Projects Agency - Energy	703,783	892
Woods Hole Oceanographic Institution	81.135	SUB: A101410 PN: 11091506	Advanced Research Projects Agency - Energy	-	(
University of Minnesota	81.135	A007310601	Advanced Research Projects Agency - Energy	-	
Direct	81.135	G00013668	Advanced Research Projects Agency - Energy	-	47
Direct	81.135	G00013873	Advanced Research Projects Agency - Energy	-	140
Direct	81.135	G00014032	Advanced Research Projects Agency - Energy	553,381	1,05
Department of Energy Total				3,183,104	8,60
Department of Education					
Direct	84.411	G00013882	Education Innovation and Research (formerly Investing in Innovation (i3) Fund)		439
Department of Education Total	84.411	G00013882	investing in finiovation (13) Fund)		439
Department of Health and Human Services					
•			GOOD TO THE TOTAL OF THE STATE		
National Partnership for Environmental Technology Education	93.000	7211522 MOD4 NCE	CCCHST NPETE Financial Support PWSC FY16 Piloting community engagement cancer education for	-	1
Montana State University	93.000	G299-21-W8663 MOD 1	Alaska Native Youth	=	2:
			Assessing the Role of Culture in Reducing		
			Recidivism among Alaska Native and American		
University of Michigan	93.000	SUBK00011394 MOD2	Indian Women	-	19
			CEIRR Data Management and Study Integration		
Mount Sinai School of Medicine	93.000	0258-A504-4609 / 0258-B504-460	(DMSI)	-	32
Institute of Translational Health Sciences	93,000	BCP-191/BPO64417	Pharmacodynamic and prototype refinement of BCP- 191	-	32
			Special Programs for the Aging, Title IV, and Title		
Direct	93.048	G00013558	II, Discretionary Projects Prevention of Disease, Disability, and Death by	=	144
University of California	93.084	A18-0612-S011 AMEND 4	Infectious Diseases	-	10
Oregon Health & Science University	93.092	1018003_UAA MOD 1	Affordable Care Act (ACA) Personal Responsibility Education Program	-	17
	02.126		Injury Prevention and Control Research and State		
Division of Public Health University of Oklahoma	93.136 93.172	ADN 0610440-2 2022-44	and Community Based Programs Human Genome Research	- -	2
Alaska Native Tribal Health Consortium	93,226	19-U-303196 AMD 4	Research on Healthcare Costs, Quality and Outcomes		15
			Traumatic Brain Injury State Demonstration Grant		
Direct	93.234	G00012183	Program	-	1:
			Traumatic Brain Injury State Demonstration Grant		
Direct	93.234	G00014358	Program	-	11
Direct	93.242	G00011624	Mental Health Research Grants	58,753	56
University of Michigan	93.242	SUBK00011482/PO # 3005729498	Mental Health Research Grants	_	9
, ,			Substance Abuse and Mental Health Services		
Direct	93,243	G00011053	Projects of Regional and National Significance	_	7
2.000	70.210	300011000	Substance Abuse and Mental Health Services		
Direct	93.243	G00011057	Projects of Regional and National Significance	_	10
Bilect	75.245	G00011037	Substance Abuse and Mental Health Services	_	10
Dinast	02.242	C00011084			1.0
Direct	93.243	G00011084	Projects of Regional and National Significance	-	12
			Substance Abuse and Mental Health Services		
Native Village of Hooper Bay	93.243	NVHPB-001 / **BBO**	Projects of Regional and National Significance	-	13
Direct	93.243	G00013730	Substance Abuse and Mental Health Services Projects of Regional and National Significance	-	11
Direct	02 242	G00013809	Substance Abuse and Mental Health Services Projects of Regional and National Significance		,
Direct	93.243	G00013903	Substance Abuse and Mental Health Services	-	6
Direct	93.243	G00013966	Projects of Regional and National Significance Substance Abuse and Mental Health Services	-	4
Direct	93.243	G00014052	Projects of Regional and National Significance	-	6
Division of Debasional Health	02.242	ADNI 0/20572	Substance Abuse and Mental Health Services		
Division of Behavioral Health	93.243	ADN 0620573	Projects of Regional and National Significance	-	1
Direct	93.273	G00010333	Alcohol Research Programs	140,628	26
Direct	93.273	G00012452	Alcohol Research Programs	-	4
Montana State University	93.279	G222-22-W9024 AMD 1	Drug Abuse and Addiction Research Programs	=	4
University of Michigan	93.279	SBUK00017512/PO 3007015689	Drug Abuse and Addiction Research Programs	-	
Pinne	02.202	C00011002	Centers for Disease Control and Prevention		
Direct	93.283	G00011902	Investigations and Technical Assistance	-	8
University of California Los Angeles	93,307		Minority Health and Health Disparities Research	-	6
D'	93.307	G00014648	Minority Health and Health Disparities Research	-	
Direct	00.010	G00012782	Trans-NIH Research Support	215,473	53
Direct	93.310	000012782			
	93,310 93,310	G00012782 G00012783	Trans-NIH Research Support	-	85
Direct			Trans-NIH Research Support Trans-NIH Research Support	31,362	85 1,44

					Amounts Passed	
Fadaral Gra	untor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Grant Number or Pass-Through Identifying Number	Program Title	through to Subrecipients (\$)	Total Federal Expenditures (\$)
reuciai Gia	Colorado State University	93.351	G-45796-01	Research Infrastructure Programs	- Subrecipients (5)	1,013
	Colorado State University	93.351	G-45797-01	Research Infrastructure Programs	-	6,459
	Fred Hutchinson Cancer Research Center	93.393	0001037916/PO 02 1079807	Cancer Cause and Prevention Research	_	189,181
	Other Nonprofit Organizations	93,393	******PENDING*****	Cancer Cause and Prevention Research	_	71,090
	Direct	93.395	G00012233	Cancer Treatment Research	-	140,494
	Direct	93.395	G00014772	Cancer Treatment Research	-	18,543
	Direct	93.632	G00012308	University Centers for Excellence in Developmental Disabilities Education, Research, and Service	<u>-</u>	357,953
				University Centers for Excellence in Developmental		
	University of Kentucky	93.632	3200003537-21-076/PO78000054	4 Disabilities Education, Research, and Service	-	59,976
	Direct	93.632	G00014091	University Centers for Excellence in Developmental Disabilities Education, Research, and Service	-	33,769
	Direct	93.632	G00014632	University Centers for Excellence in Developmental Disabilities Education, Research, and Service	<u>-</u>	12.397
	University of Nevada, Las Vegas	93,659	SUBAWARD-GR11260 AMND3		-	108,388
	National Jewish Health	93.837		O Cardiovascular Diseases Research	-	3,039
	National Jewish Health	93.837	20112502 AMEND 5	Cardiovascular Diseases Research	<u>-</u>	20,624
		93.847	G00011134	Diabetes, Digestive, and Kidney Diseases Extramural Research	731	
	Direct			Diabetes, Digestive, and Kidney Diseases Extramural	/51	120,672
	Direct	93.847	G00011666	Research	-	91,908
	Direct	93.855	G00010652	Allergy and Infectious Diseases Research	-	91,761
	Direct	93.859	G00008221	Biomedical Research and Research Training	20,000	
	Northwest Indian College	93.859		2 Biomedical Research and Research Training	-	108,080
	University of Wisconsin Oshkosh	93.859	FSA.18.001 AMD 1	Biomedical Research and Research Training	-	137,137
	Direct	93.859	G00012744	Biomedical Research and Research Training	-	2,165,485
	Direct	93.859	G00012834	Biomedical Research and Research Training	188,217	5,057,930
	Direct	93.859	G00012869	Biomedical Research and Research Training	35,204	172,495
	Univ of New Mexico Health Science Center	93.859	3REV9	Biomedical Research and Research Training	-	15,400
	Montana State University	93.859	G255-21-W8663	Biomedical Research and Research Training	-	67,006
	University of Nevada, Las Vegas	93.859	GR11262	Biomedical Research and Research Training	-	83,365
	Montana State University	93.859	G261-21-W8660	Biomedical Research and Research Training	-	104,736
	Montana State University	93.859	IA	Biomedical Research and Research Training	-	10,875
	Montana State University	93.859	G175-21-W8664	Biomedical Research and Research Training	-	66,540
	Montana State University	93.859	G284-21-W8663	Biomedical Research and Research Training	2,400	58,798
	Stony Brook University	93.859	79590/1142917/1	Biomedical Research and Research Training	· -	78,311
	Montana State University	93.859	G180-21-W8663 MOD 1	Biomedical Research and Research Training	-	14,086
	Montana State University	93.859	G306-21-W8663 MOD 2	Biomedical Research and Research Training	-	27,720
	Montana State University	93.859	MSU ID G179-21-W8663	Biomedical Research and Research Training	_	17,686
	Montana State University	93.859	G300-21-W8663	Biomedical Research and Research Training	6,766	
	Montana State University	93.859	G279-21-W8663	Biomedical Research and Research Training		23,994
	Southcentral Foundation	93,859	2021-465	Biomedical Research and Research Training	-	1,954
	Merrimack College	93.865	2211102	Child Health and Human Development Extramural Research	-	17.015
	Direct	93,866	G00014647	Aging Research	- COO 524	47,275
	Department of Health and Human Services Total				699,534	14,955,518
	Department of Homeland Security					
	Municipality of Anchorage - Emergency Operations Center	97.000		6 Municipality of Anchorage, Federal EOC IPA Parker	-	16,817
	Direct Department of Homeland Security Total	97.061	G00009634	Centers for Homeland Security	1,366,598 1,366,598	
Total Resea	rch and Development Cluster				35,781,497	175,935,584
CCC Cluste						<u> </u>
	Department of Health and Human Services					
	•			Child Care Mandatory and Matching Funds of the		
	AK Dept Health & Social Services Department of Health and Human Services Total	93.596	ADN# 0620369	Child Care and Development Fund		179,282 179,282
Total CCC	Cluster					179,282
	Development Cluster					,
Aconomic D	•					
	Department of Commerce Direct	11.307	G00012832	YK Delta Economic Development Assistance		77,036
	Direct	11.307	G00012832	Alaska Mariculture Cluster - Developing a viable and sustainable mariculture industry for the long-term	- -	77,036
	Direct	11.307	G00014702	benefit of Alaska's economy, environment, and communities	-	25,000
	Department of Commerce Total	********				
Total Econo	omic Development Cluster					102,036
Fish and W	ildlife Cluster					
	Department of Interior					
	Alaska Dept of Fish and Game Wildlife Conservation	15,605	ADN 1122177	Sport Fish Restoration	-	5,588
	Alaska Department of Fish and Game	15.611	1199174	Wildlife Restoration and Basic Hunter Education	-	233,569

					Amounts Passed	
Fodorol Cro	ntor/Cluster Title/Direct Award or Pass Through Entity	AI N Number	Grant Number or Pass-Through Identifying Number	Program Title	through to Subrecipients (\$)	Total Federal Expenditures (\$)
reuciai Gia	Alaska Department of Fish and Game	15.611	1121087	Wildlife Restoration and Basic Hunter Education	Subrecipients (9)	- 1,654
	Alaska Department of Fish and Game Department of Interior Total	15.611	1122127	Wildlife Restoration and Basic Hunter Education	-	- 74,993 - 315,804
T-4-1 E'-1	nd Wildlife Cluster					
i otai risn a	na Wilalite Cluster					- 315,804
Head Start	Cluster					
	Department of Health and Human Services					
	AK Dept Education & Early Development Department of Health and Human Services Total	93.600	ADN# 052022685	Head Start		- 25,000 - 25,000
Total Head	Start Cluster					- 25,000
Highway Pl	anning and Construction Cluster					
	Department of Transportation					
	Department of Transportation & Public Facilities	20.205	ADN# 2578042 AMD #1	Highway Planning and Construction		- 12,741
	State of Alaska DOT & PF Department of Transportation & Public Facilities	20.205 20.205	ADN 2518039 PREV 2508039 ADN 2508045 AMD 2	Highway Planning and Construction Highway Planning and Construction		- 75,847 - 47,115
	Department of Transportation Total					- 135,703
Total Highw	yay Planning and Construction Cluster					- 135,703
Medicaid C	luster					
	Department of Health and Human Services					
	Division of Behavioral Health Department of Health and Human Services Total	93,778	ADN 0610832-1	Medical Assistance Program		- 3,192 - 3,192
Total Medic	aid Cluster					- 3,192
Special Edu	cation Cluster					
	Department of Education					
	AK Dept Education & Early Development Department of Education Total	84.173	ADN 052021238	Special Education Preschool Grants		- 9,281 - 9,281
Total Specia	al Education Cluster					- 9,281
Supplement	al Nutrition Assistance Program Cluster					
	Department of Agriculture					
	AK Dept Health & Social Services	10.561	604-271-22004	FY22 - Supplemental Nutrition Assistance Program Education		- 132,411
				FY21 Thrifty Food Plan - Alaska and Hawaii Data		
	University Of Hawaii Department of Agriculture Total	10.561	MA1730	Project		- 32,608 - 165,019
Total Suppl	emental Nutrition Assistance Program Cluster					- 165,019
TRIO Clust	er					
	Department of Education					
	Direct	84.042	G00013565	TRIO Student Support Services		- 231,528
	Direct Direct	84.042 84.042	G00013627 G00013782	TRIO Student Support Services TRIO Student Support Services		- 269,323 - 288,838
	Direct	84.044	G00014496	TRIO Talent Search		- 141,729
	Direct Direct	84.047 84.047	G00011700 G00011701	TRIO Upward Bound TRIO Upward Bound		- 266,897 - 244,305
	Direct	84.047	G00012335	TRIO Upward Bound	115,20	07 892,527
	Department of Education Total				115,20	
Total TRIO	Cluster				115,20	2,335,147
Other						
	Department of Agriculture			Secondary and Two-Year Postsecondary Agriculture		
	Direct	10.226 10.266 Total	G00012945	Education Challenge Grants		- 3,295 - 3,295
				National Plant Diagnostic Network (WPDN)		·
	University of California Davis	10.304 10.304 Total	A22-1782-S001	Western Region 2021-2022		- 13,033 - 13,033
	Direct Direct	10.329 10.329	G00011759 G00014313	Extension Implementation Program Area (EIP) Protecting and Supporting Northern Farms		- 65,152 - 8,537
		10.329 Total				- 73,689
	Direct Direct	10.500 10.500	G00010812 G00011476	FY17Special Needs Smith-Lever FY18 Smith Lever Special Needs		- 5 - 7,738
	Direct	10.500	G00011476 G00011670	Promoting Healthy and Thriving Tribes		- 143,731
	Direct	10.500	G00011760	Children Attuned to Culture and Heritage (CATCH)		- 114,002
	Direct Direct	10.500 10.500	G00012382 G00012483	AgrAbility in the Last Frontier: Alaska FY19 Alaska Smith-Lever 3 b/c	29,39	98 133,305 - 72
	Direct	10,500	G00012403	1 11/ Padoka Shatir-Level 5 U/C		- 12

Direct	Total Federal xpenditures (\$)	Amounts Passed through to Subrecipients (\$)		Grant Number or Pass-Through Identifying Number	ALN Number	ral Grantor/Cluster Title/Direct Award or Pass Through Entity
Panny Junual State University. The	21,66	- Subrecipients (3)				
Direct 10.500 GOOD 1985	_1,00				10.000	
Direct 1,550 GNORT-2005 Seasamable Community Project -	7,86	-			10.500	Pennsylvania State University, The
Alacia State University 20,500 ArabORE-MOV Sugery Fregram 19,200 Sug	00.05				10.500	7
Decidence 10.501	89,25	-		G00013005	10,500	Direct
Deec 15.50 C0005254 FYZA Abaks Smith-Aver 3 No	8,82	_		A00-0983-S050	10.500	Kansas State University
Direct 10.500 Collect 20x-61 Income of exclosures and communic relation Psychopatholic and a k number of least Psychopatholic and psychopatholic and a k number of least Psychopatholic and	35,03	-				
Decided 10.501						
Direct 10.500 G0003540 Program Py21 Alakal Smith-Lever's be Py21 FRSC 1SSA Aural Alakal Natural Resources Py22 FRSC 1SSA Aural Natural Resources Py22 FRSC 1SSA Aural Natural Resources Py22 FRSC 1SSA Aural Natural Resources Py23 FRSC 1SSA Aural Natural Resources Py24 FRSC 1SSA	65	-			10.500	University of Missouri
Direct						
Decel 10.500 GOUB 14570 Current principal Alsalas Natural Recourses Current principal Natural Natural Recourses Current principal Natural Natural Natural Recourses Current Principal Natural Natu	273,76	-	-			
Direct	328,35	-			10,500	Direct
Department of As Force 441 Milatop Patronening 23-988	26,38	_			10.500	Direct
Name	20,50				10.500	Birect
Direct	37	-			10.500	Kansas State University
Direct	1,191,02	29,398			10.500 Total	
Direct 10.514 G10013868 Program -						
Direct 10.514 Goroll 30808 Program -	12,36	-	•		10.514	Direct
	4.74				10.514	\mathbf{P}^{\prime}
Direct 10.515 G0001314 FY20 Alaska RREA -	4,74 17,10		Program	G00013868		Direct
Direct 10.515 G800 3889 FY21 Alaska RREA -	63,34		FY20 Alaska RREA	G00013514		Direct
Direct 10.527 total 10.527 total 10.637 k Wildlife Foundation 10.637 total 10.633 k Wildlife Foundation 10.633 k Wildlife Foundation 10.633 k Wildlife Foundation 10.633 k Wildlife Foundation 10.633 k	1,87	-				
National Fish & Wildlife Foundation 10.683 0801 19.05412 MOD 3 NFWF 2019 Alaska Fish and Wildlife Fund - National Fish & Wildlife Foundation DC 10.683 0801 20.07093 NFWF 2019 Alaska Fish and Wildlife Fund - NFWF 2019 Ala	65,22	-	•			
National Fish & Wildlife Foundation 10.883 0081 19.05412 MOD 3 NFWE 2019 Alaska Fish and Wildlife Fund - National Fish and Wildlife Foundation 10.883 0081 20.07003 NFWE 2019 Alaska Fish and Wildlife Fund - National Fish and Wildlife Foundation DC 10.885 0081 20.070956 Supporting ANSEP Students in Advance - National Fish and Wildlife Fund - National Wildlife Rund - National Wildlife Rund Rund Rund - National Wildlife Rund Rund Rund Rund - National Wildlife Rund Rund Rund Ru	38,19		Building Tribal Resilience in Southwest Alaska	G00013691	10.527	Direct
National Fish, & Wildlife Foundation 10.683 6001,20.070195 NFWE 2020, ANSER Student Foundation DC 10.683 6001,21.070195 RUS Distance Learning and Telemedicine -	38,19					
National Fein and Wildlife Foundation DC	42,47					
10.885 Total 10.885 10.895 10.8	1,28					
Direct 10.855 Total 10.902 10.901548 Drought Adaptation Workshop in Southeast Alaska -	63,34 107,10		Supporting ANSEP Students in Advanc	0801.21.070956		National Fish and Wildlife Foundation DC
19.92 G00013548 Drought Adaptation Workshop in Southeast Alaska -	365,85		RUS Distance Learning and Telemedicine	G00014015		Direct
Department of Agriculture Total	365,85		NOS Distance Bearing and Teromedicine	300014015		Bilect
		-				
Department of Commerce	19,36	<u>-</u>	Drought Adaptation Workshop in Southeast Alaska	G00013548	10.902	Direct
Department of Commerce Direct 11.303 G00011688 EDA University Center, 2017-2022 - EDA University Center Supplemental Funding for CVID-19 - II.303 Total - III.303 Total - I	19,36				10.902 Total	Department of Amiontona Total
Direct 11.303 G00011688 EDA University Center 2017-2022 -	1,893,87	29,398				
Direct 11.303 G00013495 COVID-19			TD 1 W 1			•
Direct 11.303 G00013495 COVID-19 - -	149,45	-	· · · · · · · · · · · · · · · · · · ·	G00011688	11.303	Direct
Department of Military and Veterans Affairs (DMVA)	98,00			C00012405	11.202	Direct
Department of Military and Veterans Affairs (DMVA)	247,45		COVID-19	000013493		Bilect
Department of Military and Veterans Affairs (DMVA)	247,43		Alaska Tsunami Hazard Mitigation Program and		11.505 1044	
Department of Military and Veterans Affairs (DMVA)	28,44	-		20NOAA-GY19	11.467	Department of Military and Veterans Affairs (DMVA)
Department of Military and Veterans Affairs (DMVA)			Tsunami Inundation Mapping and Modeling in			
11.61 1.61	136,46	-	Alaska, FY20	20NOAA-GY20	11.467	Department of Military and Veterans Affairs (DMVA)
Direct 11.61 G00012795 NIST/MEP 25.000						
Direct 11.611 G00012795 NIST/MEP 25.000 25.00	147,94		2021 NOAA Tsunami Hazard Mitigation Program	20NOAA-GY21		Department of Military and Veterans Affairs (DMVA)
11.611 Total	312,85 631,68	25,000	NIST/MEP	G00012795		Direct
Department of Defense	631,68		NIST/MET	G00012755		Bilect
Direct 12.002 G00014186 FY20 PTAC FY21 PTAC	1,191,99		•			Department of Commerce Total
Direct 12.002 G00014186 FY20 PTAC FY21 PTAC			•			
Direct 12.002 G00014186 FY21 PTAC -						•
12.002 Total	24	-				
Department of Defense Total	7311-		FY21 PTAC	G00014186		Direct
Department of Interior 15.065 G00013194 Safety of Dams on Indian Lands -	731,39 731,39				12.002 1 otai	Department of Defense Total
Direct 15.065 G00013194 Safety of Dams on Indian Lands -	731,37		•			
15.065 Total			C.C. CD I	Constant	,	•
Direct 15.224 G00012232 Cultural and Paleontological Resources Management -	40,18		Safety of Dams on Indian Lands	G00013194		Direct
Direct 15.224 G00012769 Cultural and Paleontological Resources Management -	40,18				15.065 Total	
Direct 15.224 G00012769 Cultural and Paleontological Resources Management - Direct 15.224 G00013900 Cultural and Paleontological Resources Management - Direct 15.224 G00014261 Cultural and Paleontological Resources Management - Direct 15.654 G00013625 National Wildlife Refuge System Enhancements - Direct 15.654 G00014124 National Wildlife Refuge System Enhancements - Direct 15.654 G00014216 National Wildlife Refuge System Enhancements - Direct 15.654 G00014216 National Wildlife Refuge System Enhancements - Direct 15.654 G00014243 National Wildlife Refuge System Enhancements -	1,447,77	_	Cultural and Paleontological Resources Management	G00012232	15 224	Direct
Direct 15.224 G00013900 Cultural and Paleontological Resources Management - Direct 15.224 rotal Cultural and Paleontological Resources Management - Direct 15.654 G00013625 National Wildlife Refuge System Enhancements - Direct 15.654 G00014124 National Wildlife Refuge System Enhancements - Direct 15.654 G00014216 National Wildlife Refuge System Enhancements - Direct 15.654 G00014216 National Wildlife Refuge System Enhancements - Direct 15.654 G00014434 National Wildlife Refuge System Enhancements -						
Direct 15.224 G00014261 Cultural and Paleontological Resources Management - 15.224 Total - Direct 15.654 G00014124 National Wildlife Refuge System Enhancements - Direct 15.654 G00014124 National Wildlife Refuge System Enhancements - Direct 15.654 G00014216 National Wildlife Refuge System Enhancements - Direct 15.654 G0001424 National Wildlife Refuge System Enhancements - Direct 15.654 G0001424 National Wildlife Refuge System Enhancements -	21	-	Cultural and Paleontological Resources Management	G00012769	15.224	Direct
15.224 Total	40,04	-	Cultural and Paleontological Resources Management	G00013900	15.224	Direct
15.224 Total -	8,22	_	Cultural and Paleontological Resources Management	G00014261	15 224	Direct
Direct 15.654 G00013625 National Wildlife Refuge System Enhancements - Direct 15.654 G00014124 National Wildlife Refuge System Enhancements - Direct 15.654 G00014216 National Wildlife Refuge System Enhancements - Direct 15.654 G00014434 National Wildlife Refuge System Enhancements -	1,496,25		Cultural and I decontrological resources management	300011201		Direct
Direct 15.654 G00014216 National Wildlife Refuge System Enhancements - Direct 15.654 G00014434 National Wildlife Refuge System Enhancements -	11,25		National Wildlife Refuge System Enhancements	G00013625		Direct
Direct 15.654 G00014434 National Wildlife Refuge System Enhancements	4,29	-	National Wildlife Refuge System Enhancements	G00014124		
	26,55	-	National Wildlife Refuge System Enhancements	G00014216		
15 654 Total	10,43		National Wildlife Refuge System Enhancements	G00014434		Direct
	52,55				15.654 Total	
Direct 15.657 G00011794 Endangered Species Recovery Implementation -	88,36		Endangered Species Recovery Implementation	G00011794		Direct
Direct 15.676 G00014724 Youth Engagement, Education, and Employment -	88,36 36,65		Youth Engagement Education and Employment	G00014724		Direct
Direct 15.676 Gotal -	36,65		Tourn Engagement, Education, and Employment	O00014724		Ducct
Department of Interior Total	1,714,01		•			Department of Interior Total
- ,	1,714,0					- T

		Grant Number or Pass-Through		Amounts Passed through to	Total Federal
d Grantor/Cluster Title/Direct Award or Pass Through Entity	ALN Number	Identifying Number	Program Title	Subrecipients (\$)	Expenditures (\$)
Department of Justice					
Direct	16.000	G00006407	Federal Equitable Sharing UAFPD Evaluation of Alaska Department of Corrections		- 5,555
Alaska Department of Corrections	16.000	ADN 2020013 AMD 2	Statewide Recidivism Reduction Strategic Plan		- 4,549
•	16.000 Total		-		- 10,104
Direct	16.550	C00012152	State Justice Statistics Program for Statistical Analysis Centers		0.905
Direct	16.550 16.550 Total	G00013152	Analysis Centers		- 9,805 - 9,805
Fox Valley Technical College	16.582	D2019012074 MOD	Crime Victim Assistance/Discretionary Grants		- 5,709
University of Missouri	16.582	00071414-1	Crime Victim Assistance/Discretionary Grants	-	- 56,589
	16.582 Total		Public Safety Partnership and Community Policing		- 62,298
Direct	16.710	G00014538	Grants		- 21,649
	16.710 Total				- 21,649
Fox Valley Technical College	16.841	D2019008056 MOD 1	VOCA Tribal Victim Services Set-Aside Program		- 1,479
Tox valley reclined conege	16.841 Total	B2019000030 MOB 1	V OCA THOU VICINI SOLVICES SEL ASIGNATIOS CALL	-	- 1,479
Department of Justice Total					- 105,335
Department of Health and Human Caminas					
Department of Health and Human Services AK Dept. of Labor and Workforce Dev.	17.235	ADN# 775503	Senior Community Service Employment Program		- 1,920
THE BODE. OF BROOT WINE WORKSTON BOT.	17.235 Total	110111111111111111111111111111111111111	Senior Community Service Employment Fregram		- 1,920
Department of Health and Human Services Total					- 1,920
D ex .					
Department of Labor Direct	17.600	G00013593	Mine Health and Safety Grants		- 11,848
Direct	17.600	G00013393 G00014251	Mine Health and Safety Grants		- 139,201
	17.600 Total				- 151,049
Department of Labor Total					- 151,049
D					
Department of State University of Utah	19.027	SUB 10058503-01 PO 1100028583	7 Energy Governance and Reform Programs		- 92,993
Oniversity of Otali	19.027 Total	3CB 10038303-011	/ Energy Governance and Reform Frograms		- 92,993
Direct	19.900	G00013762	AEECA/ESF PD Programs	156,16	
December of Charles Total	19.900 Total			156,16	
Department of State Total				156,16	556,388
Department of Treasury					
State of Ak Department of Commerce, Community & Economic	De21.000	ADN 08-2022-0215	Alaska Statewide CEDS, 2022-2027		- 93,110
	21.000 Total				- 93,110
Arctic Slope Regional Corporation (ASRC)	21.019 21.019 Total	FAIN SLT2046 SUB DTD 11/19/	2 COVID-19 - Coronavirus Relief Fund		- 237,630 - 237,630
Department of Treasury Total	21.019 101111				- 330,740
					220,77
Institute of Museum and Library Services					
Direct	45,000	G00013065	Kobuk River Collection Rehousing and Stabilization		- 14,783
Bilect	45.000 Total	G00013003	Kobak Kiver Concetion Kenousing and Stabilization		- 14,783
Alaska State Library	45.300	EASY 22-077	Mental Health Rx through e-Book Collections		- 6,000
	45.310 Total				- 6,000
Alaska State Library Alaska State Library	45.310 45.310	ARPA49 EASY22-059	Grants to States Grants to States		- 39,548 - 3,500
AK DEED, Division of Libraries, Archives & Museums	45.310	ADN 05220255 EASY22-102	Grants to States		- 5,623
THE BEBB, BY MONTO E BIOLINES, THE MILES OF THE SHADOW	45.310 Total	TIDIT OCCUPANTO ENTO TELE TOE	3.4		- 48,671
Institute of Museum and Library Services Total					- 69,454
National Endowment for the Humanities			Promotion of the Humanities Division of Preservation		
Direct	45.149	G00012712	and Access	1	- 2,100
			COVID-19 - Promotion of the Humanities Division		
Direct	45.149	G00013475	of Preservation and Access		- 2,434
Direct	45.149 Total 45.164	G00011495	Promotion of the Humanities Public Programs		- 4,534 - 198,197
Direct	45.164 Total	G00011493	Promotion of the Humanities Public Programs		- 198,197 - 198,197
National Endowment for the Humanities Total					- 202,731
				-	
Small Business Administration	50.000	GOVERN AGENTA ARGO	AVERDO CO CALLE A LA LA		• • • • • • • • • • • • • • • • • • • •
City of Valdez	59,000 59.000 Total	CONTRACT NO.: 1706	AKSBDC City of Valdez Lunch and Learn		- 20,000 - 20,000
Direct	59.037	G00013171	Small Business Development Centers		- 147,109
Direct	59.037	G00013274	Small Business Development Centers		- 25,263
Divort	50.027	C00012267	COVID 10 Small Business Development Co.		255.655
Direct Direct	59.037 59.037	G00013367 G00013726	COVID-19 - Small Business Development Centers Small Business Development Centers		- 355,666 - 770,353
Direct	59.037	G00013726 G00014499	Small Business Development Centers		- 282,735
	59.037 Total				- 1,581,126
Direct	59.075	G00014252	COVID-19 - Shuttered Venue Operators Grant		- 791,307
Direct	59.075 59.075 Total	G00014289	Shuttered Venue Operators Grant	-	- 86,018 877,325
Small Business Administration Total	52.075 10tal				- 2,478,451
					_,,,,,,,,,
Environmental Protection Agency					
Direct Environmental Protection Agency Total	66.951	G00012442	Environmental Education Grants		- 9,701 - 9,701

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 Education					
Sealaska Heritage Institute	84.000	540-20-2125	Language Pathways	-	158,344
Sealaska Heritage Institute	84.000	840-21-2480	Box of Treasures: Deepening the Connections	-	129,542
	84.000 Total				=,
AK Dept. of Labor and Workforce Dev.	84.002	ENC/DOC NO. PO3:TBD	Adult Education - Basic Grants to States		
D'	84.002 Total	C00010450	Tileben Dibertain Institutional Aid		
Direct	84.031	G00010459	Higher Education Institutional Aid	-	66,227
Direct Direct	84.031 84.031	G00011059 G00012419	Higher Education Institutional Aid Higher Education Institutional Aid	•	344,880 439,564
Direct	84.031	G00012419 G00013075	Higher Education Institutional Aid	-	139,367
Direct	84.031	G00013626	Higher Education Institutional Aid		316,461
Direct	84.031	G00013714	Higher Education Institutional Aid	-	393,239
Direct	84.031	G00013715	Higher Education Institutional Aid	-	300,535
Direct	84.031	G00014424	Higher Education Institutional Aid	-	53,741
Direct	84.031	G00014490	Higher Education Institutional Aid	-	109,018
Direct	84.031	G00014530	Higher Education Institutional Aid		97,289
	84.031 Total				2,260,321
			Career and Technical Education Basic Grants to		
AK Dept Education & Early Development	84.048	ADN# 0590037	States	-	26
			Career and Technical Education Basic Grants to		
AK Dept Education & Early Development	84.048	ADN 052021171 EL21.157.01	States	-	2,850
AND THE CORD IN A	0.1.0.10	1 Par : 0 5 a a 0 1 a 5 1	Career and Technical Education Basic Grants to		
AK Dept Education & Early Development	84.048	ADN 05220125-1	States Paris Project Control	44,526	93,947
AV Dont Education & Early Davidsonment	84.048	ADN 05220126 AMD 1	Career and Technical Education Basic Grants to States		10.501
AK Dept Education & Early Development	84.048 84.048 Total	ADN 05220126 AMD 1	States	44,526	19,591
	04.048 I Oldl		Innovativa Approaches to Litanova Bramis	44,520	116,414
			Innovative Approaches to Literacy; Promise Neighborhoods; Full-Service Community Schools; and Congressionally Directed Spending for Elementary and Secondary Education Community		
Association of Alaska School Boards	84.215	U215N170038	Projects	-	220,003
Association of Alaska School Boards	84.215 Total	02151170058	Trojects		
	0.1210 10141		Special Education - Personnel Development to	-	220,000
			Improve Services and Results for Children with		
Direct	84.325	G00014458	Disabilities	-	118,324
	84.325 Total			-	118,324
Sealaska Heritage Institute	84,356	305-18-1923	Alaska Native Educational Programs		206,080
	84.356 Total				206,080
Direct	84.362	G00012390	Native Hawaiian Education		543,337
	84.362 Total				
Kuspuk School District	84.365	AGREEMENT DTD 1.18.18	English Language Acquisition State Grants	-	25,051
Direct	84.365	G00014505	English Language Acquisition State Grants		110,110
	84.365 Total				171,271
Direct	84.382	G00011088	Strengthening Minority-Serving Institutions	-	
P	84.382 Total	F00001030	COMP to El C Star C E I		270,700
Direct	84.425E	E00001030	COVID-19 - Education Stabilization Fund	-	4,200,425
Direct	84.425E	G00013340	COVID-19 - Education Stabilization Fund	-	986,040
Direct	84.425E	G00013347	COVID-19 - Education Stabilization Fund	-	10,651,936
Direct	84.425F	G00013377	COVID-19 - Education Stabilization Fund COVID-19 - Education Stabilization Fund	•	13,157,325
Direct	84.425F	G00013386	COVID-19 - Education Stabilization Fund COVID-19 - Education Stabilization Fund	-	3,049,678
Direct	84.425F	G00013402		-	746,502
Direct	84.425L	G00013425 G00013486	COVID-19 - Education Stabilization Fund	-	1,122,468 2,189,154
Direct	84.425L		COVID-19 - Education Stabilization Fund	-	
Direct	84.425M	G00013713	COVID-19 - Education Stabilization Fund COVID-19 - Education Stabilization Fund	-	1,389,062
AK Dept Education & Early Development	84.425C 84.425 Total	5220290	COVID-19 - Education Stabilization Fund		174,097 37,666,687
Department of Education Total	64.425 Total			44,526	
				44,320	41,704,116
Denali Commission	00.100	ACREMENT DATED 0/15/20	Develi Commission Browns		2.021
AFDF Direct	90.100 90.100	AGREEMENT DATED 9/15/20 G00014547	Denali Commission Program Denali Commission Program	-	3,821 38,060
Denali Commission Total	90,100	G00014347	Dellan Commission Frogram		41,881
					41,001
Department of Health and Human Services			Birth Defects and Developmental Disabilities -		
Direct	93.073	G00012411	Prevention and Surveillance	81,035	344,487
	70.070	300012111	Birth Defects and Developmental Disabilities -	01,000	0 11,101
Direct	93.073	G00012481	Prevention and Surveillance	83,025	239,757
	93.073 Total			164,060	
Direct	93.107	G00007653	Area Health Education Centers	742,933	
	93.107 Total			742,933	
			Maternal and Child Health Federal Consolidated		
Direct	93.110	G00006655	Programs		472,421
	93.110 Total				472,421
			Community Programs to Improve Minority Health		
Oklahoma State University Center for Health Sciences	93.137	A22-0001-S003	Grant Program		73,272
	93.137 Total				73,272
The state of the s	00		N. 10 . 6		
University of Washington	93.350	UWSC11922/BPO48610	National Center for Advancing Translational Science	s	12,457
According to the state of the s	93.350 Total	2010 10 TAY 03	Towns Assists C. N. 1.7. "		12,457
Assoc Village Council Presidents	93.558	2019-10-TAN-01	Temporary Assistance for Needy Families	-	1,485
Assoc Village Council Presidents	93.558		ITTemporary Assistance for Needy Families	-	968,870
Assoc Village Council Presidents	93.558	2021-01-TAN-02	Temporary Assistance for Needy Families		764,935
	93.558 Total			-	1,735,290

Federal Grai	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 (\$)
	<u> </u>			Emergency Grants to Address Mental and Substance	-	-
	Division of Behavioral Health	93.665	ADN 0620761	Use Disorders During COVID-19		- 69,127
		93.665 Total				- 69,127
	Office of Children's Services	93.669	ADN 0610502	Child Abuse and Neglect State Grants		- 5,712
	Office of Children's Services	93.669	ADN 0610501	Child Abuse and Neglect State Grants		- 19,600
	Office of Children's Services	93.669	ADN 0610569	Child Abuse and Neglect State Grants		- 52,080
		93.669 Total				- 77,392
				Mental and Behavioral Health Education and		
	Direct	93.732	G00014129	Training Grants		- 227,386
				Mental and Behavioral Health Education and		
	Direct	93.732	G00014576	Training Grants		- 78,375
		93.732 Total				- 305,761
	Division of Behavioral Health	93.788	ADN 0620495	Opioid STR		- 144,419
		93.788 Total				- 144,419
				Autism Collaboration, Accountability, Research,		
	Association of University Centers on Disabilities	93.877	14-54-8840	Education, and Support		- 19,425
		93.877 Total				- 19,425
	University of Washington	93.879	UWSC12790	Medical Library Assistance		- 28,292
	, ,	93.879 Total		•		- 28,292
				National Bioterrorism Hospital Preparedness	-	· · · · · · · · · · · · · · · · · · ·
	Division of Public Health	93.889	ADN 0600711	Program		- 1,876
	211200101101010101010101010101010101010	93.889 Total				- 1,876
)3.00) Total			-	- 1,070
	Division of Behavioral Health	93,958	ADN 0620692	Block Grants for Community Mental Health Services		- 57,202
	Division of Behavioral Health	93.958	ADN 0620696	Block Grants for Community Mental Health Services		- 10,371
	Division of Behavioral Health	93.958	ADN 0620799	Block Grants for Community Mental Health Services		- 12,187
	Division of Benavioral Health	93.958 Total	ADN 0620799	Block Grants for Continuinty Mental Health Services		- 12,187 - 79,760
	Department of Health and Human Services Total	93.936 10tai			906,99	
	Department of Heutit and Human Services Folds				900,93	3 4,310,409
	Social Security Administration					
	Social Security Administration			Social Security - Work Incentives Planning and		
	Direct	96.008	G00014215	Assistance Program		- 79.541
	Social Security Administration Total	96.008	G00014215	Assistance i Togram		
	Social Security Auministration Total					- 79,541
	Department of Homeland Security					
	Department of Homeiand Security			FEMALE COLOR A L MARAGER A L		
	0 0.11.1		500305	FEMA for 2018 Earthquake UAF MEF Earthquake		*** ***
	State of Alaska	97.000	590307	Repairs		- 223,958
	0 0.1 1	07.000	500200	FEMA for 2018 Earthquake UAA 2018 Earthquake		050 (15
	State of Alaska	97.000	590308	Response		- 972,617
		97.000 Total				- 1,196,575
				Disaster Grants - Public Assistance (Presidentially		
	Division of Public Health	97.036	ADN 0610356-1	Declared Disasters)		- 5,340
				Disaster Grants - Public Assistance (Presidentially		
	Division of Public Health	97.036	ADN 0610816	Declared Disasters)		- 3,085
				Disaster Grants - Public Assistance (Presidentially		
	AK Dept Health & Social Services	97.036	ADN# 0620379	Declared Disasters)		- 8,177
		97.036 Total				- 16,602
	Alaska Div of Homeland Security & Emergency Management	97.039	STATE GRANT NO. 4257.0009	Hazard Mitigation Grant		- 4,979
		97.039 Total			<u> </u>	- 4,979
	Department of Homeland Security Total					- 1,218,156
Total Other					1,162,08	57,259,237
Total Expend	ditures of Federal Awards				37,058,78	88 282,854,169

University of Alaska Notes to Schedule of Expenditures of Federal Awards Year Ended June 30, 2022

(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, 2022 are summarized as follows:

Direct Subsidized Loan	\$ 9,573,522
Direct Unsubsidized Loan	18,182,462
Direct PLUS Loan	 2,221,721
	\$ 29,977,705

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					
Finan	ncial Statements				
1.	Type of auditors' report issued: Unmod	dified			
2.	Internal control over financial reporting:				
	Material weakness(es) identified?		yes	x	no
	Significant deficiency(ies) identified?	X	yes		none reported
3.	Noncompliance material to financial statements noted?		_yes	X	no
Fede	ral Awards				
1.	Internal control over major federal programs:				
	Material weakness(es) identified?		yes	x	no
	Significant deficiency(ies) identified?	X	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)?	X	_yes		no
ldent	ification of Major Federal Programs				
CFDA Number(s)		Name of Federal Program or Cluster			
Various		Research and Development Cluster			
84.425		COVID-19 Educational Stabilization Fund			
Various		Student Financial Assistance Cluster			
Dollar threshold used to distinguish between Type A and Type B programs:		\$ <u>3,000,000</u>			
Auditee qualified as low-risk auditee?			yes	X	no

Section II – Financial Statement Findings

<u>2022 – 001</u>

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, 2022 totaled \$21,327,255. During our test work, 34 procurement card transactions totaling \$12,083, we noted the following:

• Eight (24%) transactions (totaling \$4,789) 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 III – Findings and Questioned Costs – Major Federal Programs

2022 - 002

Federal Agency: U.S. Department of Education

Federal Program Title: Education Stabilization Fund

Assistance Listing Number: 84.425F – HEERF Minority Serving Institution (MSI) Portion

Federal Award Identification Number: P425L200248

Award Period: July 1, 2021 to June 30, 2022

Type of Finding:

• Compliance, Other Matter

• Significant Deficiency in Internal Control over Compliance

Criteria or specific requirement: Per Uniform Guidance 2 CFR 200.303, nonfederal entities receiving federal awards are required to establish and maintain internal controls designed to reasonably ensure compliance with federal laws, regulations and program compliance requirements. In addition, Per Uniform Guidance 200.34 expenditures on the accrual basis may be: cash disbursements for direct charges for property and services, the value of third-party in-kind contributions applied, and the net increase or decrease in the amounts owed by non-federal entity.

Condition and context: 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.

Questioned costs: \$2,100.97 - ALN 84.425F - Grant Award P425L200248

Cause: The University of Alaska Fairbanks had not considered the possibility that interdepartmental transactions could be disallowed. Due to a lack of authoritative guidance at the time, the campus relied on the Frequently Asked Questions (FAQs) to determine allowability which made no mention of lost revenue related to interdepartmental transactions.

Effect: The University claimed costs that were not allowable.

Repeat finding: No

Recommendation: We recommend the University of Alaska Fairbanks should not claim interdepartmental expenditures as institutional expenditures.

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

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

2022 - 003

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: P063P210010

Award Period: July 1, 2021 to June 30, 2022

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. Additionally, 2 CFR 200.303 states that nonfederal entities receiving federal awards are required to establish and maintain internal controls designed to reasonably ensure compliance with federal laws, regulations and program compliance requirements.

Condition and context: 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.

Questioned costs: None

Cause: Staffing issues in the student financial aid office at the UAS and UAF 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 and UAF should continue working with the Statewide Office of Finance and Accounting to better enforce the monthly review of uncashed checks policy.

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

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

2022 - 004

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: P063P210010

Award Period: July 1, 2021 to June 30, 2022

Type of Finding:

Compliance, Other Matter

• Significant Deficiency in Internal Control over Compliance

Criteria or specific requirement: The Code of Federal Regulations, 34 CFR 685.309(b), states the school is required to report changes in the student's enrollment status, the effective date of the status, and an anticipated completion date. Additionally, 2 CFR 200.303 states that nonfederal entities receiving federal awards are required to establish and maintain internal controls designed to reasonably ensure compliance with federal laws, regulations and program compliance requirements.

Condition and context: 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.

Questioned costs: None

Cause: At the UAS campus, there is a process that is run by the registrar for unofficial withdrawals at the end of every semester that overrides the correct institutional last date of attendance with the last date of the semester. This incorrect date is then reported to the Clearinghouse and ultimately NSLDS.

Effect: UAS was not in compliance with the requirements to properly report student enrollment data correctly. Incorrect dates submitted to NSLDS may be used to determine the grace period for the repayment and interest of outstanding Title IV student loans.

Repeat finding: No

Recommendation: We recommend that UAS work with the campus registrar's office to develop an alternative process that will enable the student financial aid office to review and correct the last dates of attendance prior to being reported to the Clearinghouse.

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

UNIVERSITY OF ALASKA SUMMARY SCHEDULE OF PRIOR YEAR FINDINGS FOR THE YEAR ENDED JUNE 30, 2022

Section IV – Prior Year Findings

FINDINGS—FINANCIAL STATEMENT AUDIT

2021 - 001 Review of Procurement Card Activity

Condition: We observed 5 transactions out of 34 tested were not approved by the authorized official within the 45-day threshold stated in University policy.

Status: The University had several instances of procurement card activity that was not approved within the 45-day threshold. Corrected.

Corrective Action: The University has implemented an electronic sign off system. When the procurement card statements are reviewed and signed off, these signed off statements are transferred to the central repository. An audit will be conducted at the central repository to ensure the statements are reviewed in a timely manner. The University will continue to monitor the new process that was implemented during fiscal year 22.

UNIVERSITY OF ALASKA SUMMARY SCHEDULE OF PRIOR YEAR FINDINGS (CONTINUED) FOR THE YEAR ENDED JUNE 30, 2022

FINDINGS— FEDERAL AWARD PROGRAMS AUDITS

2021 – 002 HEERF Allowable Costs

Condition: We observed the lost revenue calculation had included \$54,864 disallowed interdepartmental revenue at the University of Alaska Southeast (UAS).

Status: Corrected. University of Alaska Southeast (UAS) has established procedures for ensuring interdepartmental transactions are excluded from Lost Revenue claims and other Institutional expenditures.

2021 - 003 HEERF Allowable Costs

Condition: During the testing of the University of Alaska Anchorage (UAA) institutional expenditures it was observed there were several interdepartmental transactions that were included in the costs reimbursed with HEERF funding. These costs were internal and did not create an overall expenditure to an outside vendor, and therefore were unallowed. Additionally, one of the transactions was for providing a laptop to an employee from IT stock and the cost to replace this computer did not occur until fiscal year 2022.

Status: Corrected. The University of Alaska Anchorage has established procedures to ensure interdepartmental transactions are excluded from institutional expenditure claims. However, University of Alaska Fairbanks had similar finding in 2022. See Finding 2022-002.

2021 - 004 HEERF Reporting

Condition: We observed the University of Alaska Fairbanks (UAF) had submitted their March 31, 2021, institutional report three days beyond the allowable April 10, 2021, deadline. Additionally, we observed UAF was unable to provide supporting documentation for both of the two quarterly institutional reports that were tested as well as attribute 7.1.1 of the annual report.

Status: Corrected. University of Alaska Fairbanks (UAF) has established procedures and internal controls for ensuring quarterly institutional reports are submitted within the allowable timeframe and amounts included in the reports are accurate and supported with adequate documentation.

