Single Audit Reports and Schedule of Expenditures of Federal Awards
June 30, 2021

June 30, 2021

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### **Schedule of Expenditures of Federal Awards**

Federal Awarding Agency/Program Title	Assistance Listing Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	ldentifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
DEPARTMENT OF AGRICULTURE		(							
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001					\$99,700	\$99,700	RESEARCH AND DEVELOPMENT	\$58,846,069
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025				\$13,636	\$211,085	\$211,085	RESEARCH AND DEVELOPMENT	\$58,846,069
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025		WYOMING DEPARTMENT OF AGRICULTURE	022614JJ02 022820193ACS001 03052019ACS003 04052018REV002 04162018REV002 04162018REV005	\$13,636	\$211,085	\$211,085	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING DEPARTMENT OF	04162018REV006					
			AGRICULTURE	041714JJ01					
			WYOMING DEPARTMENT OF	050515JJ01					
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		AGRICULTURE WYOMING DEPARTMENT OF AGRICULTURE WYOMING DEPARTMENT OF AGRICULTURE WYOMING DEPARTMENT OF AGRICULTURE WYOMING DEPARTMENT OF WYOMING DEPARTMENT OF	06262018REV002 04162018REV004 04172018REV002 204210		\$31,329	\$98,647	RESEARCH AND DEVELOPMENT	\$58,846,069
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		AGRICULTURE	210420		\$9,233	\$98,647	N/A	\$0
			WYOMING DEPARTMENT OF AGRICULTURE WYOMING DEPARTMENT OF	202509 204132 204135 204135 22916P0001 16-SCBGP-WY-0023 14-SCBGP-WY-0056					
			AGRICULTURE WYOMING DEPARTMENT OF	196523					
SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL	10.170		AGRICULTURE	200115		\$58,085	\$98,647	RESEARCH AND DEVELOPMENT	\$58,846,069

### Schedule of Expenditures of Federal Awards (continued)

		Additional		Identifying Number					
	Assistance	Award	Name of Funder	Assigned By Funder	Total Amount		Federal		
	Listing	Identification	Pass-Through	Pass-Through	Provided to	Federal	Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
SHEEP PRODUCTION AND MARKETING GRANT PROGRAM	10.173					\$667	-\$13,523	RESEARCH AND DEVELOPMENT	\$58,846,069
COOPERATIVE FORESTRY RESEARCH	10.202					\$182,565	\$182,565	RESEARCH AND DEVELOPMENT	\$58,846,069
PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH									
ACT	10.203					\$1,821,376	\$1,821,376	RESEARCH AND DEVELOPMENT	\$58,846,069
ANIMAL HEALTH AND DISEASE RESEARCH	10.207					\$13,666	\$13,666	RESEARCH AND DEVELOPMENT	\$58,846,069
			UTAH STATE UNIVERSITY	201207-544					
			UTAH STATE UNIVERSITY	150893-665					
			UTAH STATE UNIVERSITY	201207-680					
			UTAH STATE UNIVERSITY	201207-486					
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		UTAH STATE UNIVERSITY	200592-486	\$76,858	\$363,579	\$379,581	N/A	\$0
			MONTANA STATE UNIVERSITY	G179-19-W7506					
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		MONTANA STATE UNIVERSITY	G243-19-W7502		\$15,918	\$379,581	N/A	\$0
SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION	10.215		MONTANA STATE UNIVERSITY	G314-21-W8614		\$84	\$379,581	RESEARCH AND DEVELOPMENT	\$58,846,069
SECONDARY AND TWO-YEAR POSTSECONDARY AGRICULTURE EDUCATION									
CHALLENGE GRANTS	10.226				\$6,125	\$46,379	\$69,606	N/A	\$0
SECONDARY AND TWO-YEAR POSTSECONDARY AGRICULTURE									
EDUCATION CHALLENGE GRANTS	10.226		COLORADO STATE UNIVERSITY	G-91480-03		\$23,227	\$69,606	RESEARCH AND DEVELOPMENT	\$58,846,069
INTEGRATED PROGRAMS	10.303		COLORADO STATE UNIVERSITY	G-13521-2		\$20,716	\$20,716	RESEARCH AND DEVELOPMENT	\$58,846,069
HOMELAND SECURITY_AGRICULTURAL	10.304					\$12,420	\$23,160	RESEARCH AND DEVELOPMENT	\$58,846,069
HOMELAND SECURITY_AGRICULTURAL	10.304		KANSAS STATE UNIVERSITY	S17051		\$10,740	\$23,160	N/A	\$0
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307					\$422	\$47,635	RESEARCH AND DEVELOPMENT	\$58,846,069
			UTAH STATE UNIVERSITY	14082301					
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307		UTAH STATE UNIVERSITY	202524-664		\$40,366	\$47,635	RESEARCH AND DEVELOPMENT	\$58,846,069
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307		COLORADO STATE UNIVERSITY	G-92895-01		\$6,847	\$47,635	RESEARCH AND DEVELOPMENT	\$58,846,069
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310					\$151,335	\$262,888	RESEARCH AND DEVELOPMENT	\$58,846,069
			UNIVERSITY OF TENNESSEE,						
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		KNOXVILLE	09252017REV001		\$76	\$262,888	N/A	\$0
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		COLORADO STATE UNIVERSITY	136673		\$10,062	\$262,888	RESEARCH AND DEVELOPMENT	\$58,846,069
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		CHAPMAN UNIVERSITY	500547-SUB 01		\$88,008	\$262,888	RESEARCH AND DEVELOPMENT	\$58,846,069
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		MICHIGAN STATE UNIVERSITY	RC111651A		\$13,407	\$262,888	RESEARCH AND DEVELOPMENT	\$58,846,069
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS									
PROGRAM	10.329				\$9,225	\$171,977	\$171,977	RESEARCH AND DEVELOPMENT	\$58,846,069
ALFALFA AND FORAGE RESEARCH PROGRAM	10.330				\$6,639	\$8,727	\$42,783	RESEARCH AND DEVELOPMENT	\$58,846,069
ALFALFA AND FORAGE RESEARCH PROGRAM	10.330		MONTANA STATE UNIVERSITY	G251-19-W7430		\$734	\$42,783	RESEARCH AND DEVELOPMENT	\$58,846,069
ALFALFA AND FORAGE RESEARCH PROGRAM	10.330		UTAH STATE UNIVERSITY	202552-670		\$33,322	\$42,783	RESEARCH AND DEVELOPMENT	\$58,846,069
CROP INSURANCE EDUCATION IN TARGETED STATES	10.458		WASHINGTON STATE UNIVERSITY	134194 G004222		\$13,781	\$13,781	RESEARCH AND DEVELOPMENT	\$58,846,069
COOPERATIVE EXTENSION SERVICE	10.500					\$103,907	\$1,560,949	N/A	\$0
COOPERATIVE EXTENSION SERVICE	10.500					\$1,456,009	\$1,560,949	RESEARCH AND DEVELOPMENT	\$58,846,069
COOPERATIVE EXTENSION SERVICE	10.500		KANSAS STATE UNIVERSITY	A00-0983-S043		\$1,033	\$1,560,949	N/A	\$0
EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM	10.514					\$178,887	\$178,887	RESEARCH AND DEVELOPMENT	\$58,846,069
RENEWABLE RESOURCES EXTENSION ACT AND NATIONAL FOCUS FUND									
PROJECTS	10.515					\$16,888	\$21,281	RESEARCH AND DEVELOPMENT	\$58,846,069
RENEWABLE RESOURCES EXTENSION ACT AND NATIONAL FOCUS FUND									
PROJECTS	10.515					\$4,393	\$21,281	N/A	\$0
NEW BEGINNINGS FOR TRIBAL STUDENTS	10.527					\$21,684	\$21,684	N/A	\$0

### Schedule of Expenditures of Federal Awards (continued)

Federal Awarding Agency/Program Title	Assistance Listing Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
			WYOMING DEPARTMENT OF FAMILY						
			SERVICES						
			WYOMING DEPARTMENT OF FAMILY SERVICES	09122018REV003					
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE			WYOMING DEPARTMENT OF FAMILY	194598					
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		SERVICES	205360		\$1,511,850	\$1,511,850	RESEARCH AND DEVELOPMENT	\$58,846,069
FOREST HEALTH PROTECTION	10.680		SERVICES	203300		\$6,618	\$6,618	RESEARCH AND DEVELOPMENT	\$58,846,069
PARTNERSHIP AGREEMENTS	10.699					\$38,715	\$110,246	RESEARCH AND DEVELOPMENT	\$58,846,069
PARTNERSHIP AGREEMENTS	10.699					\$60,167	\$110,246	N/A	\$0
PARTNERSHIP AGREEMENTS	10.699		UNIVERSITY OF UTAH	10046961		\$11,364	\$110,246	RESEARCH AND DEVELOPMENT	\$58,846,069
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707					\$115,392	\$115,392	RESEARCH AND DEVELOPMENT	\$58,846,069
RURAL ENERGY FOR AMERICA PROGRAM	10.868					\$40,089	\$40,089	N/A	\$0
SOIL AND WATER CONSERVATION	10.902					\$149,116	\$265,384	RESEARCH AND DEVELOPMENT	\$58,846,069
SOIL AND WATER CONSERVATION	10.902					\$41,054	\$265,384	N/A	\$0
SOIL AND WATER CONSERVATION	10.902		UNIVERSITY OF ARIZONA	554522		\$75,214	\$265,384	RESEARCH AND DEVELOPMENT	\$58,846,069
SOIL SURVEY	10.903					\$9,549	\$9,549	RESEARCH AND DEVELOPMENT	\$58,846,069
CONSERVATION STEWARDSHIP PROGRAM	10.924					\$39,990	\$39,990	N/A	\$0
SUSTAINABLE RANGELANDS ROUNDTABLE 2015	10.RD	15-CS-11132421-157				-\$34,444	-\$13,523	RESEARCH AND DEVELOPMENT	\$58,846,069
2017 SHOSHONE NATIONAL FOREST TRAILS - MIDDLE FORK STOCK BYPASS									
NEW TRAIL CONSTRUCTION	10.RD	16-PA-11020200-003				\$8	-\$13,523	RESEARCH AND DEVELOPMENT	\$58,846,069
FIRE EFFECTS ON HERBACEOUS REGENERATION ACROSS AN INVASION									
GRADIENT OF GRASSLANDS AND SHRUBLANDS	10.RD	17-JV-11221632-167				\$11,151	-\$13,523	RESEARCH AND DEVELOPMENT	\$58,846,069
SURVEYS FOR GLACIER STONEFLY ON THE SHOSHONE AND BIGHORN									
NATIONAL FORESTS	10.RD	18-CS-11020000-025				\$857	-\$13,523	RESEARCH AND DEVELOPMENT	\$58,846,069
TRACE MINERAL CONCENTRATIONS IN COMMON WYOMING PLANTS ON									
SHEEP WINTER RANGE	10.RD	06242019ACS001				\$7,847	-\$13,523	RESEARCH AND DEVELOPMENT	\$58,846,069
INVESTIGATING THE MAIN MASTITIS CAUSING PATHOGENS PLAGUING									
WESTERN SHEEP FLOCKS	10.RD	01222021LCS				\$391	-\$13,523	RESEARCH AND DEVELOPMENT	\$58,846,069
PRIORITY SPECIES INVENTORY PROJECT	10.U01	15-CS-11020200-021				\$11,000	\$11,000	N/A	\$0
USFS R2 DATA-WYOMING RARE SPECIES CONSERVATION PARTNERSHIP	10.U02	16-CS-11020000-049				\$2,410	\$2,410	N/A	\$0
COLORADO CHOICE EXPERIMENT SURVEY: UNDERSTAND HOMEOWNERS									
SUPPORT FOR RESIDENTIAL FUEL REDUCTION PROGRAM	10.U03	AG-9AD6-P-16-0119				\$2,651	\$2,651	N/A	\$0
DENSITY AND DISTURBANCE CALCULATION TOOL	10.U04	16-CS-11046000-038				\$444	\$444	N/A	\$0
LOW COST PATHOGEN DETECTION FOR FOOD SAFETY, PHASE 2	10.U05	12012016REV002	ACCESS SENSOR TECHNOLOGIES LLC	12012016REV002		\$3,764	\$3,764	N/A	\$0
2017 BRIDGER TETON TRAIL PROJECT - GREYS RIVER TRAIL WORK	10.U06	17-PA-11040303-026				\$494	\$494	N/A	\$0
MEDICINE BOW NATIONAL FOREST: BRUSH CREEK/HAYDEN RANGER									
DISTRICT TRAIL MAINTENANCE	10.U07	18-PA-11020602-027				\$34	\$34	N/A	\$0
THE RUCKELSHAUS INSTITUTE: FACILITATION TRAINING SESSIONS TO BUILD	40.1100					A49.6:-	A4=-:-		4-
COLLABORATIVE CAPACITY	10.U08	17-CS-11020000-060				\$17,945	\$17,945	N/A	\$0
INTEGRATED MONITORING IN BIRD CONSERVATION REGIONS IN WYOMING	10.U09	18-CS-11020000-035				\$21,254	\$21,254	N/A	\$0
BRIDGER TETON NATIONAL FOREST CAMPGROUND FENCING	10.U10	18-PA-11040303-071				-\$190	-\$190	N/A	\$0
TOTAL DEPARTMENT OF AGRICULTURE						+130	<b>7130</b>	.4	Ţ.
					\$112,483	\$7,387,368			

### Schedule of Expenditures of Federal Awards (continued)

Federal Awarding Agency/Program Title	Assistance Listing Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	ldentifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
DEPARTMENT OF COMMERCE									
COVID-19 ECONOMIC ADJUSTMENT ASSISTANCE	11.307	COVID-19				\$88,480	\$88,480	ECONOMIC DEVELOPMENT CLUSTER	\$88,480
			UNIVERSITY CORPORATION FOR			4	4		
HYDROLOGIC RESEARCH	11.462		ATMOSPHERIC RESEARCH	Z15-21991		-\$185	-\$185	RESEARCH AND DEVELOPMENT	\$58,846,069
APPLIED METEOROLOGICAL RESEARCH	11.468					\$114,188	\$114,188	RESEARCH AND DEVELOPMENT	\$58,846,069
CENTER FOR SPONSORED COASTAL OCEAN RESEARCH_COASTAL OCEAN									
PROGRAM	11.478				\$217,338	\$310,168	\$310,168	RESEARCH AND DEVELOPMENT	\$58,846,069
COVID-19 MANUFACTURING EXTENSION PARTNERSHIP	11.611	COVID-19				\$80,919	\$672,300	N/A	\$0
MANUFACTURING EXTENSION PARTNERSHIP	11.611					\$591,381	\$672,300	N/A	\$0
TEAMING AGREEMENT BETWEEN SYNOPTIC DATA CORPORATION AND THE WATER RESOURCES DATA SYSTEM AT THE UNIVERSITY OF									
WYOMING FOR THE NATIONAL MESONET PROGRAM	11.RD	S2018-0301/S2020-148	SYNOPTIC DATA CORPORTATION	S2018-0301/S2020-148	\$31,590	\$31,590	\$17,255	RESEARCH AND DEVELOPMENT	\$58,846,069
TEAMING AGREEMENT BETWEEN SYNOPTIC DATA CORPORATION									
AND THE WATER RESOURCES DATA SYSTEM AT THE UNIVERSITY OF									
WYOMING FOR THE NATIONAL MESONET PROGRAM	11.RD	S2018-0301/S2020-148	SYNOPTIC DATA CORP	S2018-0301/S2020-148		-\$14,335	\$17,255	RESEARCH AND DEVELOPMENT	\$58,846,069
TOTAL DEPARTMENT OF COMMERCE									
					\$248,928	\$1,202,206			
DEPARTMENT OF DEFENSE									
PROCUREMENT TECHNICAL ASSISTANCE FOR BUSINESS FIRMS	12.002					\$184,595	\$184,595	N/A	\$0
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114					\$6,292	\$6,292	RESEARCH AND DEVELOPMENT	\$58,846,069
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$345,747	\$345,747	RESEARCH AND DEVELOPMENT	\$58,846,069
			DEFENSE ADVANCED RESEARCH						
BASIC SCIENTIFIC RESEARCH	12.431		PROJECT AGENCY	W911NF-20-2-0137	\$17,794	\$470,162	\$470,162	RESEARCH AND DEVELOPMENT	\$58,846,069
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND			NATIONAL SCIENCE TEACHERS						
ENGINEERING	12.630		ASSOCIATION	20-871-045		\$3,700	\$165,246	RESEARCH AND DEVELOPMENT	\$58,846,069
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630					\$161,546	\$165,246	RESEARCH AND DEVELOPMENT	\$58,846,069
LANGUAGE GRANT PROGRAM	12.900					\$5,058	\$5,058	N/A	\$0
GENCYBER GRANTS PROGRAM	12.903					\$12,799	\$60,985	RESEARCH AND DEVELOPMENT	\$58,846,069
GENCYBER GRANTS PROGRAM	12.903					\$48,186	\$60,985	N/A	\$0,040,000
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910				\$344,547	\$363,569	\$1.074.941	RESEARCH AND DEVELOPMENT	\$58,846,069
NESE/MENTAND TECHNOLOGY DEVELOT MENT	12.510		UNIVERISTY OF NORTH CAROLINA AT		Ç311,317	<b>\$303,303</b>	Q2,07 1,3 12	NESE MENTALS SEVERS MENT	\$30,010,003
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		CHAPEL HILL	5114535		\$711,372	\$1,074,941	RESEARCH AND DEVELOPMENT	\$58,846,069
A ROBUST AND COST-EFFECTIVE PRESSURE MEASUREMENT SYSTEM	12.510		CHALLETILE	3114333		Ş/11,5/Z	71,074,541	RESEARCH AND DEVELOT MENT	\$30,040,003
FOR ADVANCED UNSTEADY AERODYNAMIC APPLICATIONS	12.RD	02102020ACS002	RESONO PRESSURE SYSTEMS INC.	02102020ACS002		\$4,430	\$103,440	RESEARCH AND DEVELOPMENT	\$58,846,069
TESTING CAPABILITIES FOR EVALUATING PASSIVE COATINGS FOR	12.00	UZ 1UZUZUMCJUUZ	WYOMING INSTRUMENTATION	02102020AC3002		<i>₽</i> +,+30	2103,440	NESEANCH AND DEVELOPINENT	220,040,009
AIRCRAFT DRAG REDUCTION	12.RD	02122020ACS001	DEVELOPMENT	02122020ACS001		\$10,398	\$103,440	RESEARCH AND DEVELOPMENT	\$58,846,069
SPECIAL STATUS BAT SPECIES AT CAMP GUERNSEY - NORTHERN LONG-		02122020AC3001	DEVELOPINIENT	02122020AC3001		\$10,398	\$105,440	NESEANCH AND DEVELOPMENT	\$30,040,009
EARED BATS IN WYOMING	12.RD	2000004001	WYOMING MILITARY DEPARTMENT	2000004001		\$6,970	\$103,440	RESEARCH AND DEVELOPMENT	\$58,846,069
RECOVERY OF LOST AIRCREW FROM A WORLD WAR II B24J AIRCRAFT							,,		, , , ,
IN ISTRIA, CROATIA GEOARCHAEOLOGICAL ASSESSMENT IN THE NORTH TRAINING AREA,	12.RD	65544	HENRY M. JACKSON FOUNDATION	65544		\$78,642	\$103,440	RESEARCH AND DEVELOPMENT	\$58,846,069
CAMP GUERNSEY, WY - FY2021	12.RD	20000011201	WYOMING MILITARY DEPARTMENT	20000011201		\$3,000	\$103,440	RESEARCH AND DEVELOPMENT	\$58,846,069
UPPER MISSOURI RIVER BASIN PLAINS SNOWPACK AND SOIL MOISTURE									
MONITORING STATION	12.U01	W9128F20P0033				\$79,622	\$79,622	N/A	\$0

### Schedule of Expenditures of Federal Awards (continued)

### Year Ended June 30, 2021

	Assistance Listing	Additional Award Identification	Name of Funder Pass-Through	Identifying Number Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
A ROBUST AND COST-EFFECTIVE PRESSURE MEASUREMENT SYSTEM		(	,						
FOR ADVANCED UNSTEADY AERODYNAMIC APPLICATIONS	12.U02	FA864920P0980	RESONO PRESSURE SYSTEMS INC.	FA864920P0980		\$94,549	\$94,549	N/A	\$0
UPPER MISSOURI BASIN SOIL MOISTURE AND SNOWPACK MONITORING:									
EXISTING & NEW SITE RETROFITS	12.U03	W9128F20D0058				\$53,822	\$53,822	N/A	\$0
TOTAL DEPARTMENT OF DEFENSE									
					\$362,341	\$2,644,459			
DEPARTMENT OF THE INTERIOR									
AGRICULTURE ON INDIAN LANDS	15.034					\$210	\$210	RESEARCH AND DEVELOPMENT	\$58,846,069
CULTURAL RESOURCE MANAGEMENT	15.224					-\$957	\$4,042	N/A	\$0
CULTURAL RESOURCE MANAGEMENT	15.224				\$4.255	\$4,999	\$4,042	RESEARCH AND DEVELOPMENT	\$58.846.069
WILD HORSE AND BURRO RESOURCE MANAGEMENT	15.229				¥ 1,200	-\$4,821	-\$4,821	RESEARCH AND DEVELOPMENT	\$58,846,069
FISH, WILDLIFE AND PLANT CONSERVATION RESOURCE MANAGEMENT	15.231				\$32,770	\$542,103	\$542.103	RESEARCH AND DEVELOPMENT	\$58,846,069
WILDLAND FIRE RESEARCH AND STUDIES PROGRAM	15.232		COLORADO STATE UNIVERSITY	G-45072-01	400,	\$5,776	\$5,776	RESEARCH AND DEVELOPMENT	\$58,846,069
						,,,			,,.
ENVIRONMENTAL QUALITY AND PROTECTION RESOURCE MANAGEMENT	15.236					\$93	\$93	RESEARCH AND DEVELOPMENT	\$58,846,069
RANGELAND RESOURCE MANAGEMENT	15.237					\$132,799	\$132,799	N/A	\$0
			WYOMING STATE PARKS AND						
FISHERIES AND AQUATIC RESOURCES MANAGEMENT	15.244		CULTURAL RESOURCES	01132017JJ01		\$28,187	\$28,187	N/A	\$0
PLANT CONSERVATION AND RESTORATION MANAGEMENT	15.245					\$2,650	\$2,650	RESEARCH AND DEVELOPMENT	\$58,846,069
THREATENED AND ENDANGERED SPECIES	15.246					\$96,173	\$96,173	RESEARCH AND DEVELOPMENT	\$58,846,069
WILDLIFE RESOURCE MANAGEMENT	15.247				\$72,183	\$603,021	\$603,021	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING DEPARTMENT OF						
			ENVIRONMENTAL QUALITY						
			WYOMING DEPARTMENT OF						
			ENVIRONMENTAL QUALITY						
			WYOMING DEPARTMENT OF						
			ENVIRONMENTAL QUALITY	09252020NZ01					
			WYOMING DEPARTMENT OF	090808UW1					
			ENVIRONMENTAL QUALITY	061712SA8					
			WYOMING DEPARTMENT OF	11222019ACS001					
ABANDONED MINE LAND RECLAMATION (AMLR) PROGRAM	15.252		ENVIRONMENTAL QUALITY	07122019JJ01		\$142,677	\$142,677	N/A	\$0
CULTURAL RESOURCES MANAGEMENT	15.511		MOVEMBLE CANAL AND FIGUR			-\$431	-\$431	RESEARCH AND DEVELOPMENT	\$58,846,069
SPORT FISH RESTORATION PROGRAM	15.605		WYOMING GAME AND FISH DEPARTMENT	2476		ć4 240	\$84.557	FIGURAND WILDLIFF CLUSTED	\$45,823
SPURT FISH RESTURATION PROGRAM	15.605		WYOMING GAME AND FISH	3476		\$1,349	\$84,557	FISH AND WILDLIFE CLUSTER	\$45,823
			DEPARTMENT						
			WYOMING GAME AND FISH						
			DEPARTMENT	003251					
			WYOMING GAME AND FISH	003251					
SPORT FISH RESTORATION PROGRAM	15.605		DEPARTMENT	3103		\$83,208	\$84.557	RESEARCH AND DEVELOPMENT	\$58.846.069
SPORT FISH RESTORATION PROGRAM	15.005		DEFARTIMENT	3103		303,200	384,337	NESEANCH AND DEVELOPMENT	<i>\$38,840,009</i>

### Schedule of Expenditures of Federal Awards (continued)

	Assistance	Additional Award	Name of Funder	Identifying Number Assigned By Funder	Total Amount		Federal		
Federal Awarding Agency/Program Title	Listing Number	Identification (Optional)	Pass-Through Entity	Pass-Through Entity	Provided to Sub-Recipients	Federal Expenditures	Program Total	Cluster Name	Cluster Total
reverus Awarding Agency/ Program Title	Number	(Optional)	WYOMING GAME AND FISH	Littly	Sub-Recipients	Lxpenunures	Total	Nume	Total
			DEPARTMENT						
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH	003050					
			DEPARTMENT	003086					
			WYOMING GAME AND FISH	002364					
			DEPARTMENT	002581					
			WYOMING GAME AND FISH	002641					
			DEPARTMENT	002830					
			WYOMING GAME AND FISH	002854					
			DEPARTMENT	002867					
			WYOMING GAME AND FISH	002915					
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	ON 15.611		DEPARTMENT	003047		\$539,971	\$839,667	RESEARCH AND DEVELOPMENT	\$58,846,069
			STATE OF COLORADO DEPARTMENT						
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	ON 15.611		OF NATURAL RESOURCES	21-IGA-167517		\$16,326	\$839,667	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH	003417					
			DEPARTMENT	205969/003385					
			WYOMING GAME AND FISH	004500		A	4000	51011 1110 1111 01155 01110===	445
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	ON 15.611		DEPARTMENT	003257		\$44,474	\$839,667	FISH AND WILDLIFE CLUSTER	\$45,823

### Schedule of Expenditures of Federal Awards (continued)

		Additional		Identifying Number					
	Assistance	Award	Name of Funder	Assigned By Funder	Total Amount		Federal		
	Listing	Identification	Pass-Through	Pass-Through	Provided to	Federal	Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH	003087					
			DEPARTMENT	003119					
			WYOMING GAME AND FISH	003134					
			DEPARTMENT	003135					
			WYOMING GAME AND FISH	003135/196112					
			DEPARTMENT	003147					
			WYOMING GAME AND FISH	003148					
			DEPARTMENT	003149					
			WYOMING GAME AND FISH	003162					
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611		DEPARTMENT	003435	\$48,338	\$238,896	\$839,667	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING GAME AND FISH						
WILDLIFE CONSERVATION AND RESTORATION	15.625		DEPARTMENT	2525		\$11,623	\$11,623	N/A	\$0
			NEW MEXICO DEPARTMENT OF						
STATE WILDLIFE GRANTS	15.634		GAME AND FISH	51600-0000063733		\$50,527	\$412,855	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH	002898					
STATE WILDLIFE GRANTS	15.634		DEPARTMENT	002905		\$21,923	\$412,855	N/A	\$0
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH						
			DEPARTMENT						
			WYOMING GAME AND FISH DEPARTMENT						
			WYOMING GAME AND FISH	002630					
			DEPARTMENT	002759					
			WYOMING GAME AND FISH	002826					
			DEPARTMENT	002827					
			WYOMING GAME AND FISH	002827					
			DEPARTMENT	003023					
			WYOMING GAME AND FISH	003023					
			DEPARTMENT	002934-1/195445					
			WYOMING GAME AND FISH	002334-1/133443					
STATE WILDLIFE GRANTS	15.634		DEPARTMENT	003184		\$329,157	\$412,855	RESEARCH AND DEVELOPMENT	\$58,846,069
STATE WILDER E GRANTS	15.054		DET. T. T. TWENT	000000		7323,137	3412,033	NESE, INC. T. IND DEVELOT WENT	\$30,040,003

### Schedule of Expenditures of Federal Awards (continued)

Federal Awarding Agency/Program Title	Assistance Listing Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
			WYOMING GAME AND FISH						
STATE WILDLIFE GRANTS	15.634		DEPARTMENT	2629		\$11,248	\$412,855	RESEARCH AND DEVELOPMENT	\$58,846,069
MIGRATORY BIRD MONITORING, ASSESSMENT AND CONSERVATION	15.655					\$19,564	\$19,564	N/A	\$0
ENDANGERED SPECIES CONSERVATION & RECOVERY IMPLEMENTATION									
FUNDS	15.657					\$12,689	\$12,689	RESEARCH AND DEVELOPMENT	\$58,846,069
ADAPTIVE SCIENCE	15.670					\$119,385	\$159,463	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING GAME AND FISH						
ADAPTIVE SCIENCE	15.670		DEPARTMENT	3277		\$40,078	\$159,463	RESEARCH AND DEVELOPMENT	\$58,846,069
COOPERATIVE ECOSYSTEM STUDIES UNITS	15.678					\$95,246	\$95,246	RESEARCH AND DEVELOPMENT	\$58,846,069
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805				-\$550	\$77,896	\$77,896	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING STATE GEOLOGICAL						
EARTHQUAKE HAZARDS RESEARCH GRANTS	15.807		SURVEY	207581		\$6,130	\$6,130	N/A	\$0
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808					\$32,422	\$199,383	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING GAME AND FISH						
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808		DEPARTMENT	4499		\$166,961	\$199,383	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING STATE GEOLOGICAL						
NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM	15.810		SURVEY	11282017REV001		-\$242	-\$273	N/A	\$0
NATIONAL COOPERATIVE GEOLOGIC MAPPING PROGRAM	15.810					-\$31	-\$273	RESEARCH AND DEVELOPMENT	\$58,846,069
COOPERATIVE RESEARCH UNITS PROGRAM	15.812				\$84,646	\$616,730	\$616,730	RESEARCH AND DEVELOPMENT	\$58,846,069
NATIONAL LAND REMOTE SENSING_EDUCATION OUTREACH AND									
RESEARCH	15.815		AMERICA VIEW INC.	AV18-WY-01		\$10,875	\$10,875	N/A	\$0
HISTORIC PRESERVATION FUND GRANTS-IN-AID	15.904					\$40,560	\$40,560	N/A	\$0
COOPERATIVE RESEARCH AND TRAINING PROGRAMS & RESOURCES OF THE									
NATIONAL PARK SYSTEM	15.945				\$12,002	\$317,853	\$317,853	RESEARCH AND DEVELOPMENT	\$58,846,069
			CALIFORNIA DEPARTMENT OF FISH						
MOUNTAIN LION GENETICS RESEARCH	15.RD	P1880001	AND WILDLIFE	P1880001		\$1,845	\$1,845	RESEARCH AND DEVELOPMENT	\$58,846,069
NCTC DATA WRANGLING COURSE TAUGHT BY SHANNON ALBEKE 2020	15.U01	01032020ACS001				\$11,705	\$11,705	N/A	\$0
TOTAL DEPARTMENT OF THE INTERIOR					\$253,644	\$4,470,847			
DEPARTMENT OF JUSTICE									
STATE JUSTICE STATISTICS PROGRAM FOR STATISTICAL ANALYSIS CENTERS	16.550					\$328,170	\$328,170	N/A	\$0
			JUSTICE RESEARCH AND STATISTICS						
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS	16.582		ASSOCIATION	2016-XV-GX-K006		\$8,661	\$8,661	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING COALITION AGAINST						
RURAL DOMESTIC VIOLENCE, DATING VIOLENCE, SEXUAL ASSAULT,			DOMESTIC VIOLENCE AND SEXUAL						
AND STALKING ASSISTANCE PROGRAM	16.589		ASSAULT	101715JJ01		-\$180	-\$180	N/A	\$0
			CLACKAMAS COUNTY CHILDREN, FAMILY AND COMMUNITY						
OPIOID AFFECTED YOUTH INITIATIVE	16.842		CONNECTIONS	02052020ACS002	\$20,213	\$50,983	\$50,983	N/A	\$0
TOTAL DEPARTMENT OF JUSTICE					\$20,213	\$387,634			

### Schedule of Expenditures of Federal Awards (continued)

		Additional		Identifying Number					
	Assistance	Award	Name of Funder	Assigned By Funder	Total Amount		Federal		
	Listing	Identification	Pass-Through	Pass-Through	Provided to	Federal	Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
DEPARTMENT OF STATE									
PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS - CITIZEN									
EXCHANGES	19.415		BALL STATE UNIVERSITY	05182018REV001		-\$373	-\$373	N/A	\$0
			AMERICAN COUNCILS FOR INTERNATIONAL EDUCATION:						
AEECA/ESF PD PROGRAMS	19.900		ACTR/ACCELS INC	SUZ800-18-CA-0001		\$19,550	\$29,427	RESEARCH AND DEVELOPMENT	\$58,846,069
AEECA/ESF PD PROGRAMS	19.900					\$9,877	\$29,427	N/A	\$0
TOTAL DEPARTMENT OF STATE									
						\$29,054			
DEPARTMENT OF TRANSPORTATION									
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
			WYOMING DEPARTMENT OF	091916JJ03					
			TRANSPORTATION	091916JJ02					
			WYOMING DEPARTMENT OF	B199091/195642					
			TRANSPORTATION	RS02221					
LUCHWAY DECEADON AND DEVELODATAN DOCCDANA	20.200		WYOMING DEPARTMENT OF	LTAP0221		4400 700	4400 700	DESCRIPTION AND DESCRIPTION AFAIT	¢50.046.060
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		TRANSPORTATION WYOMING DEPARTMENT OF	RS01221		\$193,788	\$193,788	RESEARCH AND DEVELOPMENT HIGHWAY PLANNING AND	\$58,846,069
HIGHWAY PLANNING AND CONSTRUCTION	20.205		TRANSPORTATION	HRRRO21		\$139,637	\$1,099,980	CONSTRUCTION CLUSTER	\$139,637
HIGHWAY PLANNING AND CONSTRUCTION	20.205		WYOMING DEPARTMENT OF	HKKKU21		\$139,037	\$1,099,980	CONSTRUCTION CLUSTER	\$139,037
			TRANSPORTATION						
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
			WYOMING DEPARTMENT OF	RS05220 / 197843					
			TRANSPORTATION	RS03220 / 197666					
			WYOMING DEPARTMENT OF	RS04218					
			TRANSPORTATION	RS04220 / 197667					
			WYOMING DEPARTMENT OF	RS05219					
			TRANSPORTATION	RS09217					
			WYOMING DEPARTMENT OF	RS06220					
			TRANSPORTATION	RS08217					
LUCULARY DI ANNUNC AND CONSTRUCTION	20.205		WYOMING DEPARTMENT OF	RS08218		6477 205	64 000 000	DECEMBELL AND DELICIONATE	¢50.046.050
HIGHWAY PLANNING AND CONSTRUCTION	20.205		TRANSPORTATION	RS08220		\$477,235	\$1,099,980	RESEARCH AND DEVELOPMENT	\$58,846,069

### Schedule of Expenditures of Federal Awards (continued)

		Additional		Identifying Number					
	Assistance	Award	Name of Funder	Assigned By Funder	Total Amount		Federal		
	Listing	Identification	Pass-Through	Pass-Through	Provided to	Federal	Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
			WYOMING DEPARTMENT OF	•	·				
			TRANSPORTATION						
			WYOMING DEPARTMENT OF	RS09220					
HIGHWAY PLANNING AND CONSTRUCTION	20.205		TRANSPORTATION	RSO07219	\$4,902	\$59,924	\$1,099,980	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
			WYOMING DEPARTMENT OF	RS02218					
			TRANSPORTATION	CRPMI21					
			WYOMING DEPARTMENT OF	HRRR020					
			TRANSPORTATION	LTAP0220 / 197953					
			WYOMING DEPARTMENT OF	RS01220 / 197939					
			TRANSPORTATION	RS03219					
			WYOMING DEPARTMENT OF	RS02219					
			TRANSPORTATION	RS02220					
			WYOMING DEPARTMENT OF	RS03217					
HIGHWAY PLANNING AND CONSTRUCTION	20.205		TRANSPORTATION	RS03218		\$423,184	\$1,099,980	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING STATE PARKS AND			, ,	, , ,		,,,
RECREATIONAL TRAILS PROGRAM	20.219		CULTURAL RESOURCES	193646		\$34,500	\$34,500	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
COVID-19 FORMULA GRANTS FOR RURAL AREAS AND TRIBAL TRANSIT			WYOMING DEPARTMENT OF	5311-20-FTA-02/FT20002 AMEND					
PROGRAM	20.509	COVID-19	TRANSPORTATION	CARES/5311-21-FTA-02		\$1,706,897	\$1,909,927	N/A	\$0
			WYOMING DEPARTMENT OF	,		, ,, -	, , , .	,	, .
			TRANSPORTATION						
			WYOMING DEPARTMENT OF						
			TRANSPORTATION						
			WYOMING DEPARTMENT OF	5311-14-FTA-52					
			TRANSPORTATION	5311-14-FTA-02					
FORMULA GRANTS FOR RURAL AREAS AND TRIBAL TRANSIT			WYOMING DEPARTMENT OF	FT21002					
PROGRAM	20.509		TRANSPORTATION	5311-20-FTA-02/FT20002		\$203,030	\$1,909,927	N/A	\$0
			WYOMING DEPARTMENT OF			,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	·	
			TRANSPORTATION						
BUSES AND BUS FACILITIES FORMULA, COMPETITIVE, AND LOW OR			WYOMING DEPARTMENT OF	5339-20-FTA-75/FT20075/195382					
NO EMISSIONS PROGRAMS	20.526		TRANSPORTATION	FT21091		\$480,470	\$480,470	FEDERAL TRANSIT CLUSTER	\$480,470
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### Schedule of Expenditures of Federal Awards (continued)

Federal Awarding Agency/Program Title	Assistance Listing Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
			WYOMING ASSOCIATIONS OF						
ALCOHOL OPEN CONTAINER REQUIREMENTS	20.607		SHERRIFFS AND CHIEFS OF POLICE	ALCOHOL154		\$6,682	\$6,682	N/A	\$0
			WYOMING ASSOCIATIONS OF						
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		SHERRIFFS AND CHIEFS OF POLICE	11292017REV002		\$71	\$71	HIGHWAY SAFETY CLUSTER	\$71
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		NORTH DAKOTA STATE UNIVERSITY	69A3551747108/FAR0028635		\$363,073	\$363,073	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING OFFICE OF HOMELAND SECURITY						
INTERAGENCY HAZARDOUS MATERIALS PUBLIC SECTOR TRAINING			WYOMING OFFICE OF HOMELAND	17-DOT-UWY-HM-HMP17					
AND PLANNING GRANTS	20.703		SECURITY	20DOT-UWY-HM-HMP20		\$27,956	\$27,956	RESEARCH AND DEVELOPMENT	\$58,846,069
TOTAL DEPARTMENT OF TRANSPORTATION					\$4,902	\$4,116,447			
DEPARTMENT OF TREASURY									
COVID-19 CORONAVIRUS RELIEF FUND	21.019	COVID-19	WYOMING DEPARTMENT OF HEALTH WYOMING COMMUNITY COLLEGE	204938		\$228,056	\$75,735,349	RESEARCH AND DEVELOPMENT	\$58,846,069
COVID-19 CORONAVIRUS RELIEF FUND	21.019	COVID-19	COMMISSION	STATECARES		\$1,227,148	\$75,735,349	N/A	\$0
			WYOMING OFFICE OF STATE LANDS AND INVESTMENTS WYOMING OFFICE OF STATE LANDS AND INVESTMENTS WYOMING OFFICE OF STATE LANDS	CRF-154 CRF-156					
COVID-19 CORONAVIRUS RELIEF FUND	21.019	COVID-19	AND INVESTMENTS	CRF-155		\$126,520	\$75,735,349	N/A	\$0
			WYOMING STATE OF TREASURER WYOMING STATE OF TREASURER WYOMING STATE OF TREASURER	CARES-PPE CARES COVID-373					
COVID-19 CORONAVIRUS RELIEF FUND	21.019	COVID-19	WYOMING STATE OF TREASURER	STATECARES	\$2,367,798	\$74,153,625	\$75,735,349	N/A	\$0
TOTAL DEPARTMENT OF TREASURY					\$2,367,798	\$75,735,349			
FEDERAL COMMUNICATIONS COMMISSION									
WYOMING DEAF-BLIND EQUIPMENT DISTRIBUTION PROGRAM FY17-18	32.U01	DA 17-616				\$1,483	\$1,483	N/A	\$0
WYOMING DEAF-BLIND EQUIPMENT DISTRIBUTION PROGRAM - 2019-2020	32.U02	DA18-686				\$276	\$276	N/A	\$0
WYOMING DEAF-BLIND EQUIPMENT DISTRIBUTION PROGRAM - 2020-2021 TOTAL FEDERAL COMMUNICATIONS COMMISSION	32.U03	081412SA2				\$15,100	\$15,100	N/A	\$0
TO THE PEDELOC COMMUNICATIONS COMMUNICATION						\$16,859			

### Schedule of Expenditures of Federal Awards (continued)

Federal Awarding Agency/Program Title	Assistance Listing Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
NATIONAL AERONAUTICS & SPACE ADMINISTRATION			·	·					
SCIENCE	43.001				\$52,525	\$411,710	\$443,722	RESEARCH AND DEVELOPMENT	\$58,846,069
			SMITHSONIAN ASTROPHYSICAL						
SCIENCE	43.001		OBSERVATORY	GO9-20107X		\$5,638	\$443,722	RESEARCH AND DEVELOPMENT	\$58,846,069
SCIENCE	43.001		SPACE SCIENCE INSTITUTE	CON 00982		\$1,380	\$443,722	RESEARCH AND DEVELOPMENT	\$58,846,069
SCIENCE	43.001		UNIVERSITY OF FLORIDA	80NSSC20K0617		\$10,176	\$443,722	RESEARCH AND DEVELOPMENT	\$58,846,069
SCIENCE	43.001		UNIVERSITY OF COLORADO, BOULDER	1554876		\$14,818	\$443,722	RESEARCH AND DEVELOPMENT	\$58,846,069
AERONAUTICS	43.002				-\$9,600	\$196,456	\$375,392	RESEARCH AND DEVELOPMENT	\$58,846,069
			UNIVERSITY OF TENNESSEE,						
AERONAUTICS	43.002		KNOXVILLE	A18-0139-S003		\$178,936	\$375,392	RESEARCH AND DEVELOPMENT	\$58,846,069
SPACE OPERATIONS	43.007					\$17,962	\$17,962	RESEARCH AND DEVELOPMENT	\$58,846,069
EDUCATION	43.008					\$761,758	\$1,115,082	N/A	\$0
EDUCATION	43.008					\$353,324	\$1,115,082	RESEARCH AND DEVELOPMENT	\$58,846,069
						, , .	, , .,		,,.
DWARFS AND GIANTS: MASSIVE STARS IN LITTLE DWARF GALAXIES PHANGS-HST: LINKING STARS AND GAS THROUGHOUT THE SCALES OF	43.RD	HST-GO-15093.004-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-15093.004-A		\$1,401	\$32,703	RESEARCH AND DEVELOPMENT	\$58,846,069
STAR FORMATION	43.RD	HST-GO-15654.007-A	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-15654.007-A		\$31,302	\$32,703	RESEARCH AND DEVELOPMENT	\$58,846,069
TOTAL NATIONAL AERONAUTICS & SPACE ADMINISTRATION	45.ND	П31-UU-13034.UU7-A	SPACE TELESCOPE SCIENCE INSTITUTE	H31-GO-13634.007-A		\$31,302	\$32,703	RESEARCH AND DEVELOPMENT	\$30,040,009
TOTAL NATIONAL AERONAUTICS & SPACE ADMINISTRATION					\$42,925	\$1,984,861			
					342,923	\$1,964,661			
INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES									
PROMOTION OF THE ARTS_PARTNERSHIP AGREEMENTS	45.025					\$90	\$22,621	N/A	\$0
-			WYOMING ARTS COUNCIL	53573903/194467					
			WYOMING ARTS COUNCIL	53600289/194469					
			WYOMING ARTS COUNCIL	53606795/194466					
			WYOMING ARTS COUNCIL	11302017REV001					
			WYOMING ARTS COUNCIL	12042018ACS001					
PROMOTION OF THE ARTS PARTNERSHIP AGREEMENTS	45.025		WYOMING ARTS COUNCIL	60299753		\$22,531	\$22,621	N/A	\$0
PROMOTION OF THE HUMANITIES_FEDERAL/STATE PARTNERSHIP	45.129		WYOMING HUMANITIES COUNCIL	02142020ACS001		\$8,750	\$8,750	RESEARCH AND DEVELOPMENT	\$58,846,069
PROMOTION OF THE HUMANITIES_CHALLENGE GRANTS	45.130					\$26,012	\$26,012	RESEARCH AND DEVELOPMENT	\$58,846,069
PROMOTION OF THE HUMANITIES_DIVISION OF PRESERVATION AND									
ACCESS	45.149					\$101,334	\$101,334	N/A	\$0
PROMOTION OF THE HUMANITIES_PUBLIC PROGRAMS	45.164		LIBRARY OF AMERICA	07282020MR001		\$1,200	\$1,200	N/A	\$0
MUSEUMS FOR AMERICA	45.301					\$817	\$817	RESEARCH AND DEVELOPMENT	\$58,846,069
COVID-19 NATIONAL LEADERSHIP GRANTS	45.312	COVID-19				\$77,726	\$77,726	N/A	\$0
TOTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL						. , =-	. /	•	,,
ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES									
						\$238,460			

### Schedule of Expenditures of Federal Awards (continued)

Part		Assistance	Additional Award	Name of Funder	Identifying Number Assigned By Funder	Total Amount		Federal		
PROMETRING	Federal Awarding Agency/Program Title	-								
PAMERIANN   1990   19					,	,	,			
PAMERIANN   1990   19	ENGINEERING	47.041				\$8,823	\$900,997	\$956,161	RESEARCH AND DEVELOPMENT	\$58,846,069
SAME	ENGINEERING	47.041		WYONANO, LLC	2025329		\$47,766	\$956,161	RESEARCH AND DEVELOPMENT	\$58,846,069
CONCINCIS   47.000   NCOMPORATED RESERRCH   NOTTITUTORS FOR SERVICION (PRINCIPLE AND INCOMPORATED RESERRCH   NOTTITUTORS FOR SERVICION (PRINCIPLE AND INCOMPORATED RESERVEN   SUB-PLUTO O-UNIVERSITY CONCINCIAL (PRINCIPLE AND INCOMPORATED RESERVEN   SUB-PLUTO O-UNIVERSITY CONCINCIAL (PRINCIPLE AND INCOMPORATED RESERVEN   SUB-PLUTO O-UNIVERSITY CONCINCIAL (PRINCIPLE AND INCOMPORATE CONCINCIAL (PRINCIPLE AND INCOMPORATED RESERVEN AND INCOMPORATE CONCINCIAL (PRINCIPLE AND INCOMPORATE CON	ENGINEERING	47.041		UNIVERSITY OF UTAH	10040381-UW		\$7,398	\$956,161	RESEARCH AND DEVELOPMENT	\$58,846,069
## STATES OF THE CONCRETE SEARCH AND DEVELOPMENT   \$58,866,000   \$50,000   \$	MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$965,638	\$965,638	RESEARCH AND DEVELOPMENT	\$58,846,069
## STRUTIONS FOR SEMMILORY INSTRUMENT OR SEMMILORY INSTRUMENT OR SEMMILOR (1985)   UNIVERSITY CORPORATION OR SUBMINOCITY OR ATMOSPHERE RESEARCH UNIVERSITY CORPORATION OR SUBMINOCITY OR S	GEOSCIENCES	47.050				\$971,307	\$5,735,424	\$5,867,542	RESEARCH AND DEVELOPMENT	\$58,846,069
## CONCINCING NO PRINCIPATION AND PRINCI				INCORPORATED RESEARCH						
### ATMOSPHERE RESEARCH   SUBANDOLISO    SUBANDOLISO    ST2.49   S5.87.542   RESEARCH AND DEVELOPMENT   S5.88.6,009   GEOSCIENCES   47.060   IDAHO STATE LUNIVERSITY   32.20C #BIODZ   S2.2760   S3.011   S5.867.542   RESEARCH AND DEVELOPMENT   S5.88.6,009   GEOSCIENCES   47.060   COLUMBA UNIVERSITY   258(GODD393)   S2.2760   S5.867.542   RESEARCH AND DEVELOPMENT   S5.88.6,009   GEOSCIENCES   47.060   PASO	GEOSCIENCES	47.050		INSTITUTIONS FOR SEISMOLOGY (IRIS)	SU-19-1001-00-UWY		\$20,363	\$5,867,542	RESEARCH AND DEVELOPMENT	\$58,846,069
GEOSCIENCES				ATMOSPHERIC RESEARCH						
GEOSCIENCES   47,050   DIANO STATE UNIVERSITY   32-212-CHROICE   \$3,011   \$5,867,542   RESEARCH AND DEVELOPMENT   \$58,866,069   GEOSCIENCES   47,050   THE UNIVERSITY OF TEXAS AT EL   \$2816,0009393)   \$52,790   \$5,867,542   RESEARCH AND DEVELOPMENT   \$58,866,069   GEOSCIENCES   47,070   \$94,070   \$34,076   \$544,076   \$544,076   \$544,076   \$544,076   \$544,076   \$546,076   \$546,078   \$58,866,089   \$50CAL, BEHAVIORAL, AND ECONOMIC SCIENCES   47,075   \$669,566   \$1,828,117   \$1,828,11	or occurrences	47.050					470.440	45.057.540	0505406044400 050510004545	450.045.050
STACE   1909   COLUMNAID UNIVERSITY   258 (GG00939)   \$22,790   \$5,867,542   \$65,867										
### CONCINCES   1/2   1/										
COMPUTER AND INFORMATION SCIENCE AND DEVELOPMENT   \$58,846,069   \$1,828,117   \$1,828,121   \$1,	GEUSCIENCES	47.050			25B(GG009393)		\$22,790	\$5,867,542	RESEARCH AND DEVELOPMENT	\$58,846,069
SIGNO GIGLA SCIENCES   47,074   S68,956   \$1,828,117	GEOSCIENCES	47.050		PASO	226101047D		\$13,505	\$5,867,542	RESEARCH AND DEVELOPMENT	\$58,846,069
SOCIAL, BEHAVIOREL, AND ECONOMIC SCIENCES   47.075   S16,798   \$269,248   \$269,248   \$259,248   \$259,248   \$19,959. RESEARCH AND DEVELOPMENT   \$58,846,069   EDUCATION AND HUMAN RESOURCES   47.076   TEMPLE UNIVERSITY   259858-UWY   \$47,202   \$1,196,927   RESEARCH AND DEVELOPMENT   \$58,846,069   EDUCATION AND HUMAN RESOURCES   47.076   SAM FRANCISCO UNIVERSITY   \$18,0005   \$19,232   \$1,196,927   RESEARCH AND DEVELOPMENT   \$58,846,069   EDUCATION AND HUMAN RESOURCES   47.076   COLORADO STATE UNIVERSITY   \$64373-13   \$21,044   \$1,196,927   RESEARCH AND DEVELOPMENT   \$58,846,069   OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING   47.079   COLORADO STATE UNIVERSITY   \$64373-13   \$528,722   \$4,612,294   \$537,623   \$537,62	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$340,776	\$340,776	RESEARCH AND DEVELOPMENT	\$58,846,069
EDUCATION AND HUMAN RESOURCES   47,076   TEMPLE UNIVERSITY   259858-UWY   347,202   \$1,196,927   RESEARCH AND DEVELOPMENT   \$58,846,069   EDUCATION AND HUMAN RESOURCES   47,076   SAN FRANCISCO UNIVERSITY   \$18,0005   \$19,232   \$1,196,927   RESEARCH AND DEVELOPMENT   \$58,846,069   EDUCATION AND HUMAN RESOURCES   47,076   COURADO STATE UNIVERSITY   \$18,0005   \$19,232   \$1,196,927   RESEARCH AND DEVELOPMENT   \$58,846,069   EDUCATION AND HUMAN RESOURCES   47,076   COURADO STATE UNIVERSITY   \$646373-13   \$22,0044   \$51,196,927   RESEARCH AND DEVELOPMENT   \$58,846,069   OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING   47,079   COURADO STATE UNIVERSITY   \$646373-13   \$228,722   \$46,12,294   \$58,21,351   RESEARCH AND DEVELOPMENT   \$58,846,069   INTEGRATIVE ACTIVITIES   47,083   JACKSON STATE UNIVERSITY   \$216-633196UM   \$309,849   \$528,1351   RESEARCH AND DEVELOPMENT   \$58,846,069   INTEGRATIVE ACTIVITIES   47,083   MONTANA STATE UNIVERSITY   \$138-17-W6274   \$191,312   \$532,1351   RESEARCH AND DEVELOPMENT   \$58,846,069   INTEGRATIVE ACTIVITIES   47,083   MONTANA STATE UNIVERSITY   \$220-016529   \$193,247   \$582,1351   RESEARCH AND DEVELOPMENT   \$58,846,069   INTEGRATIVE ACTIVITIES   47,083   NORTH DAKOTA STATE UNIVERSITY   \$220-016529   \$193,247   \$582,1351   RESEARCH AND DEVELOPMENT   \$58,846,069   INTEGRATIVE ACTIVITIES   47,083   NORTH DAKOTA STATE UNIVERSITY   \$26,000,000   \$66,481   \$582,1351   RESEARCH AND DEVELOPMENT   \$58,846,069   INTEGRATIVE ACTIVITIES   47,083   UNIVERSITY OF NEBRASKA UNCOIN   \$26,000   \$66,481   \$582,1351   RESEARCH AND DEVELOPMENT   \$58,846,069   INTEGRATIVE ACTIVITIES   47,083   UNIVERSITY OF NEBRASKA UNCOIN   \$26,000   \$66,481   \$52,21,351   RESEARCH AND DEVELOPMENT   \$58,846,069   INTEGRATIVE ACTIVITIES   \$70,000   \$70,	BIOLOGICAL SCIENCES	47.074				\$669,656	\$1,828,117	\$1,828,117	RESEARCH AND DEVELOPMENT	\$58,846,069
EDUCATION AND HUMAN RESOURCES 47.076 SAN FRANCISCO UNIVERSITY 259858-UNY \$47.202 \$1,196,927 RESEARCH AND DEVELOPMENT \$58,846,669 EDUCATION AND HUMAN RESOURCES 47.076 COURADO STATE UNIVERSITY \$18-0005 \$12,044 \$1,156,927 RESEARCH AND DEVELOPMENT \$58,846,669 EDUCATION AND HUMAN RESOURCES 47.076 COURADO STATE UNIVERSITY G-4573-13 \$21,044 \$1,156,927 RESEARCH AND DEVELOPMENT \$58,846,669 OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING 47.076 COURADO STATE UNIVERSITY G-4573-13 \$21,044 \$1,156,927 RESEARCH AND DEVELOPMENT \$58,846,669 \$17,000,000 (A10,000) (A10	SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$16,798	\$269,248	\$269,248	RESEARCH AND DEVELOPMENT	\$58,846,069
EDUCATION AND HUMANN RESOURCES 47.076 SAM FRANCISCO UNIVERSITY 518-0005 \$19,232 \$1,196,927 RESEARCH AND DEVELOPMENT 558,846,069  EDUCATION AND HUMANN RESOURCES 47.076 COLORADO STATE UNIVERSITY G-46373-13 \$21,044 \$1,196,927 RESEARCH AND DEVELOPMENT 558,846,069  OFFICE OF INTERNATIONAL SCIENCE AND ENSIREERING 47.079 \$22,7762 \$37,623 \$537,623 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 47.083 ACKSON STATE UNIVERSITY 2016-633196UM \$304,849 \$5,821,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 47.083 MONTANA STATE UNIVERSITY G138-17-W6274 \$5,921,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 47.083 MONTANA STATE UNIVERSITY G138-17-W6274 \$5,921,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 47.083 BOISE STATE UNIVERSITY B2CQ-0-0126529 \$193,247 \$5,821,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 47.083 MONTAN ASTATE UNIVERSITY FAR0030276 \$455,168 \$5,821,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 47.083 WORTH DAKKOTA STATE UNIVERSITY FAR0030276 \$455,168 \$5,821,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 47.083 UNIVERSITY OF NEBRASKA LINCOLN 25-6238-0980-002 \$64,481 \$5,821,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 47.083 UNIVERSITY OF NEBRASKA LINCOLN 25-6238-0980-002 \$64,481 \$5,821,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 57.09,000 \$64,481 \$5,821,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 57.09,000 \$64,481 \$5,821,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 57.09,000 \$64,481 \$5,821,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 57.09,000 \$64,481 \$5,821,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 57.09,000 \$64,481 \$5,821,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 57.09,000 \$64,481 \$5,821,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 57.09,000 \$64,481 \$5,821,351 RESEARCH AND DEVELOPMENT 558,846,069  INTEGRATIVE ACTIVITIES 5	EDUCATION AND HUMAN RESOURCES	47.076				\$82,560	\$1,109,449	\$1,196,927	RESEARCH AND DEVELOPMENT	\$58,846,069
EDUCATION AND HUMAN RESOURCES	EDUCATION AND HUMAN RESOURCES	47.076		TEMPLE UNIVERSITY	259858-UWY		\$47,202	\$1,196,927	RESEARCH AND DEVELOPMENT	\$58,846,069
S37,633   S37,633   SESARCH AND DEVELOPMENT   S58,846,069     NTEGRATIVE ACTIVITIES   47.083   JACKSON STATE UNIVERSITY   2016-633196UM   \$228,722   \$4,612,294   \$5,821,351   RESEARCH AND DEVELOPMENT   \$58,846,069     NTEGRATIVE ACTIVITIES   47.083   JACKSON STATE UNIVERSITY   2016-633196UM   \$304,889   \$5,821,351   RESEARCH AND DEVELOPMENT   \$58,846,069     NITEGRATIVE ACTIVITIES   47.083   BOJES STATE UNIVERSITY   \$129,112   \$5,821,351   RESEARCH AND DEVELOPMENT   \$58,846,069     NITEGRATIVE ACTIVITIES   47.083   BOJES STATE UNIVERSITY   \$8220-70126529   \$193,212   \$5,821,351   RESEARCH AND DEVELOPMENT   \$58,846,069     NITEGRATIVE ACTIVITIES   47.083   BOJES STATE UNIVERSITY   \$8220-70126529   \$455,168   \$5,821,351   RESEARCH AND DEVELOPMENT   \$58,846,069     NITEGRATIVE ACTIVITIES   47.083   UNIVERSITY   \$40000276   \$455,168   \$5,821,351   RESEARCH AND DEVELOPMENT   \$58,846,069     NITEGRATIVE ACTIVITIES   47.083   UNIVERSITY   \$40000276   \$455,168   \$5,821,351   RESEARCH AND DEVELOPMENT   \$58,846,069     NITEGRATIVE ACTIVITIES   47.083   UNIVERSITY   \$40000276   \$64,481   \$5,821,351   RESEARCH AND DEVELOPMENT   \$58,846,069     NITEGRATIVE ACTIVITIES   47.083   UNIVERSITY   \$40000276   \$64,481   \$5,821,351   RESEARCH AND DEVELOPMENT   \$58,846,069     NITEGRATIVE ACTIVITIES   \$7.00000276   \$64,481   \$5,821,351   RESEARCH AND DEVELOPMENT   \$58,846,069     NITEGRATIVE ACTIVITIES   \$7.00000276   \$64,481   \$5,821,351   RESEARCH AND DEVELOPMENT   \$58,846,069     NITEGRATIVE ACTIVITIES   \$7.00000276   \$64,481   \$5,821,351   RESEARCH AND DEVELOPMENT   \$58,846,069     NITEGRATIVE ACTIVITIES   \$7.00000276   \$64,481   \$5,821,351   RESEARCH AND DEVELOPMENT   \$58,846,069     NITEGRATIVE ACTIVITIES   \$7.00000276   \$7.000000000000000000000000000000000000	EDUCATION AND HUMAN RESOURCES	47.076		SAN FRANCISCO UNIVERSITY	S18-0005		\$19,232	\$1,196,927	RESEARCH AND DEVELOPMENT	\$58,846,069
NTEGRATIVE ACTIVITIES	EDUCATION AND HUMAN RESOURCES	47.076		COLORADO STATE UNIVERSITY	G-46373-13		\$21,044	\$1,196,927	RESEARCH AND DEVELOPMENT	\$58,846,069
INTEGRATIVE ACTIVITIES	OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079					-\$37,623	-\$37,623	RESEARCH AND DEVELOPMENT	\$58,846,069
INTEGRATIVE ACTIVITIES	INTEGRATIVE ACTIVITIES					\$228,722		1 - 7 - 7	RESEARCH AND DEVELOPMENT	
INTEGRATIVE ACTIVITIES	INTEGRATIVE ACTIVITIES	47.083		JACKSON STATE UNIVERSITY	2016-633196UM		\$304,849	\$5,821,351	RESEARCH AND DEVELOPMENT	\$58,846,069
INTEGRATIVE ACTIVITIES	INTEGRATIVE ACTIVITIES			MONTANA STATE UNIVERSITY	G138-17-W6274		\$191,312	\$5,821,351	RESEARCH AND DEVELOPMENT	\$58,846,069
INTEGRATIVE ACTIVITIES	INTEGRATIVE ACTIVITIES	47.083		BOISE STATE UNIVERSITY	8220-PO126529		\$193,247	\$5,821,351		\$58,846,069
2017 INTERGOVERNMENTAL PERSONNEL ACT ASSIGNMENT AGREEMENT 47.RD 12212016JJ02 -\$6,155 -\$6,155 RESEARCH AND DEVELOPMENT \$58,846,069 TOTAL NATIONAL SCIENCE FOUNDATION -\$1,977,866 \$17,201,982 -\$1,977,866 \$17,201,982 -\$1,977,866 \$17,201,982 -\$1,977,866 \$17,201,982 -\$1,977,866 \$17,201,982 -\$1,977,866 \$17,201,982 -\$1,977,866 \$17,201,982 -\$1,977,866 \$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,977,866 \$1,972,01,982 -\$1,9	INTEGRATIVE ACTIVITIES			NORTH DAKOTA STATE UNIVERSITY	FAR0030276				RESEARCH AND DEVELOPMENT	\$58,846,069
S1,977,866   \$17,201,982   \$1,977,866   \$17,201,982   \$1,977,866   \$17,201,982   \$1,977,866   \$17,201,982   \$1,977,866   \$17,201,982   \$1,977,866	INTEGRATIVE ACTIVITIES	47.083		UNIVERSITY OF NEBRASKA LINCOLN	25-6238-0980-002		\$64,481	\$5,821,351	RESEARCH AND DEVELOPMENT	\$58,846,069
SMALL BUSINESS ADMINISTRATION         \$1,977,866         \$17,201,982           COVID-19 SMALL BUSINESS DEVELOPMENT CENTERS         \$9,037         COVID-19         \$422,774         \$846,360         N/A         \$0           SMALL BUSINESS DEVELOPMENT CENTERS         \$9.037         \$0.037	2017 INTERGOVERNMENTAL PERSONNEL ACT ASSIGNMENT AGREEMENT	47.RD	12212016JJ02				-\$6,155	-\$6,155	RESEARCH AND DEVELOPMENT	\$58,846,069
SMALL BUSINESS ADMINISTRATION           COVID-19 SMALL BUSINESS DEVELOPMENT CENTERS         59.037         COVID-19         \$422,774         \$846,360         N/A         \$0           SMALL BUSINESS DEVELOPMENT CENTERS         59.037         \$423,586         \$846,360         N/A         \$0           FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM         59.058         \$91,327         \$91,327         N/A         \$0           TOTAL SMALL BUSINESS ADMINISTRATION	TOTAL NATIONAL SCIENCE FOUNDATION					¢1 077 066	\$17.201.002			
COVID-19 SMALL BUSINESS DEVELOPMENT CENTERS         59.037         COVID-19         \$422,774         \$846,360         N/A         \$0           SMALL BUSINESS DEVELOPMENT CENTERS         59.037         \$9.037         \$423,586         \$846,360         N/A         \$0           FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM         59.058         \$91,327         \$91,327         N/A         \$0           TOTAL SMALL BUSINESS ADMINISTRATION						\$1,577,866	\$17,201,982			
SMALL BUSINESS DEVELOPMENT CENTERS         \$9.037         \$423,586         \$846,360         N/A         \$0           FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM         \$9.058         \$91,327         \$91,327         N/A         \$0           TOTAL SMALL BUSINESS ADMINISTRATION	SMALL BUSINESS ADMINISTRATION									
FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM 59.058 \$91,327 \$91,327 N/A \$0  TOTAL SMALL BUSINESS ADMINISTRATION	COVID-19 SMALL BUSINESS DEVELOPMENT CENTERS	59.037	COVID-19				\$422,774	\$846,360	N/A	
TOTAL SMALL BUSINESS ADMINISTRATION	SMALL BUSINESS DEVELOPMENT CENTERS	59.037					\$423,586	\$846,360	N/A	\$0
	FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM	59.058					\$91,327	\$91,327	N/A	\$0
	TOTAL SMALL BUSINESS ADMINISTRATION						\$937,687			

### Schedule of Expenditures of Federal Awards (continued)

### Year Ended June 30, 2021

Federal Awarding Agency/Program Title	Assistance Listing Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	ldentifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
ENVIRONMENTAL PROTECTION AGENCY									
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461					\$3,950	\$70,650	RESEARCH AND DEVELOPMENT	\$58,846,069
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461					\$66,700	\$70,650	N/A	\$0
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509				\$3,324	\$52,942	\$52,942	RESEARCH AND DEVELOPMENT	\$58,846,069
			EXTENSION FOUNDATION	SA-2019-28					
RESEARCH, DEVELOPMENT, MONITORING, PUBLIC EDUCATION,			EXTENSION FOUNDATION	SA-2020					
TRAINING, DEMONSTRATIONS, AND STUDIES	66.716		EXTENSION FOUNDATION	2A-2021-03		\$41,893	\$41,893	N/A	\$0
TOTAL ENVIRONMENTAL PROTECTION AGENCY									
					\$3,324	\$165,485			
DEPARTMENT OF ENERGY									
STATE ENERGY PROGRAM	81.041		WYOMING ENERGY AUTHORITY	12072020MR001		\$40,476	\$50,416	N/A	\$0
STATE ENERGY PROGRAM	81.041		UNIVERSITY OF ALBANY	3-89114		\$9,940	\$50,416	RESEARCH AND DEVELOPMENT	\$58,846,069
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$72,172	\$1,378,613	\$2,263,586	RESEARCH AND DEVELOPMENT	\$58,846,069
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY OF UTAH	10049491-WY		\$122,344	\$2,263,586	RESEARCH AND DEVELOPMENT	\$58,846,069
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		STANFORD UNIVERSITY	61975355-135443		\$563,522	\$2,263,586	RESEARCH AND DEVELOPMENT	\$58,846,069
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		KANSAS STATE UNIVERSITY	S19174		\$57,620	\$2,263,586	RESEARCH AND DEVELOPMENT	\$58,846,069
			RADIATION MONITORING SERVICES,						
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		INC.	C20-28		\$111,423	\$2,263,586	RESEARCH AND DEVELOPMENT	\$58,846,069
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		HANDIZ SCIENTIFICS, INC.	2101-2		\$26,012	\$2,263,586	RESEARCH AND DEVELOPMENT	\$58,846,069
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UT-BATETELLE LLC	4000145385		-\$226	\$2,263,586	RESEARCH AND DEVELOPMENT	\$58,846,069
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		STATE UNIVERSITY OF NEW YORK	16-22		\$4,278	\$2,263,586	RESEARCH AND DEVELOPMENT	\$58,846,069
CONSERVATION RESEARCH AND DEVELOPMENT	81.086		WESTERN RESEARCH INSTITUTE	UW17-10G663		\$118,972	\$118,972	RESEARCH AND DEVELOPMENT	\$58,846,069
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087		WEST VIRGINIA UNIVERSITY	10-733-UW-2		\$423,880	\$419,505	RESEARCH AND DEVELOPMENT	\$58,846,069
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087					-\$4,375	\$419,505	RESEARCH AND DEVELOPMENT	\$58,846,069
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089				\$2,580,408	\$5,988,089	\$6,722,295	RESEARCH AND DEVELOPMENT	\$58,846,069
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		SOUTHERN STATES ENERGY BOARD	SSEB-ECO2S-940-UWY-2017-001		-\$1,529	\$6,722,295	RESEARCH AND DEVELOPMENT	\$58,846,069
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		PENNSYLVANIA STATE UNIVERSITY UNITED STATES ENERGY	S000091-USDOE		\$97,463	\$6,722,295	RESEARCH AND DEVELOPMENT	\$58,846,069
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		ASSOCIATION	05082020MW001	\$89,603	\$143,352	\$6,722,295	RESEARCH AND DEVELOPMENT	\$58,846,069
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		UNIVERSITY OF NORTH DAKOTA	DE-FE0031838	\$85,005	\$103,580	\$6,722,295	RESEARCH AND DEVELOPMENT	\$58,846,069
TOSSILENCIA RESEARCH AND DEVELOT MENT	81.005		NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY NEW MEXICO INSTITUTE OF MINING	P0019901		\$103,300	JU,722,233	RESEARCH AND DEVELOR MENT	\$38,640,003
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		AND TECHNOLOGY	P0020747/DE-FE0031890		\$107,428	\$6,722,295	RESEARCH AND DEVELOPMENT	\$58,846,069
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		SOUTHWEST RESEARCH INSTITUTE	N99029BB		\$134,792	\$6,722,295	RESEARCH AND DEVELOPMENT	\$58,846,069
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		UNIVERSITY OF UTAH	10058252-02 (PO#U000277936)		\$99,897	\$6,722,295	RESEARCH AND DEVELOPMENT	\$58,846,069
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089		SUSTEON	10025-01		\$49,223	\$6,722,295	RESEARCH AND DEVELOPMENT	\$58,846,069
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121					\$22,981	\$22,981	RESEARCH AND DEVELOPMENT	\$58,846,069
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135					\$17,575	\$17,575	RESEARCH AND DEVELOPMENT	\$58,846,069
JOINT APPOINTMENT WITH DR. AMY BANIC AT UWYO TO INCREASE THE RELEVANCE OF THE CVE IN THE CENTER FOR ADVANCED ENERGY STUDIES AT IDAHO NATIONAL LABORATORY, EVALUATE & ENHANCE THE USABILITY & EFFECTIVENESS OF IMMERSIVE APPLICATIONS &									
HARDWARE	81.RD	161642	BATTELLE ENERGY ALLIANCE	161642		\$13,827	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069

### Schedule of Expenditures of Federal Awards (continued)

Federal Awarding Agency/Program Title	Assistance Listing Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
			BROOKHAVEN NATIONAL	•					
ANALYSIS AND MODELING OF POLAR MIXED-PHASE CLOUDS	81.RD	323845	LABORATORY	323845		-\$93	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
ASSESSMENT OF RARE EARTH ELEMENTS (REE) OCCURRENCES IN POWDER									
RIVER BASIN COAL	81.RD	RES1506194				-\$1,917	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
LOW-TEMPERATURE ELECTROCHEMICAL ACTIVATION OF ETHANE									
FOR CO-PRODUCTION OF CHEMICALS/FUELS AND HYDROGEN	81.RD	202612	BATTELLE ENERGY ALLIANCE	202612		\$23,724	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
EDDE 2 U OF WYOMING AIDHY	81.RD	4000165991	UT-BATTELLE LLC	4000165991		\$7,958	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
			THE REGENTS OF THE UNIVERSITY OF						
DESI TARGET SELECTION FOR SURVEY VALIDATION	81.RD	7486126	CALIFORNIA	7486126		-\$4,583	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
NOVEL CATALYST/ELECTROCATALYST DEVELOPMENT FOR									
ELECTROCHEMICAL PROCESSING AT ELEVATED TEMPERATURE	81.RD	227772	BATTELLE ENERGY ALLIANCE	227772		\$32,701	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING INSTRUMENTATION						
INVESTIGATION OF FLOWS RELEVANT TO WIND TURBINE WAKES	81.RD	02072020ACS001	DEVELOPMENT	02072020ACS001		\$17,570	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
SCO2 COAL BENEFICIATION SUPPORT (C142-C002/TASK ORDER 2)	81.RD	LTI-FE0022594-WYO	LEONARDO TECHNOLOGIES, INC.	LTI-FE0022594-WYO	\$24,000	\$30,240	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
WYOMING CO2 RESOURCE STUDY (C142-C004/TASK ORDER 3)	81.RD	LTI-FE0022594- WYO	LEONARDO TECHNOLOGIES, INC.	LTI-FE0022594-WYO		\$5,670	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
FAST MULTIGRID SOLVERS FOR SPARC HYPERSONIC FLOW SIMULATIONS (PO									
2137887)	81.RD	2137887				\$64,645	\$695.032	RESEARCH AND DEVELOPMENT	\$58,846,069
SMALL SIGNAL STABILITY ANALYSIS AND ESTIMATION	81.RD	2165679				\$103.541	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
ROTOR WAKE AND VALIDATION AND VERIFICATION ACTIVITIES FOR WIND						+/	7000,002		700,010,000
ENERGY	81.RD	2161978				\$157,106	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
CAES COLLABORATION: RATE EARTH METAL PRODUCTION IN IONIC						+/	****		<del>++-/</del>
LIQUIDS	81.RD	237506	BATTELLE ENERGY ALLIANCE	237506		\$6,289	\$695.032	RESEARCH AND DEVELOPMENT	\$58.846.069
PROGRAM DEVELOPMENT COLLABORATIONS WITH THE UNIVERSITY	02.77.0	23,300	BATTALLE ENERGY FILLWARD	237300		90,203	Ģ033,03 <u>2</u>	NESEMICITARIO DE VEEST MENT	\$30,010,003
OF WYOMING	81.RD	238683	BATTELLE ENERGY ALLIANCE	238683		\$89,615	\$695.032	RESEARCH AND DEVELOPMENT	\$58.846.069
RENTAL WALNUT GULCH RAINFALL SIMULATOR	81.RD	612219	BATTELLE ENERGY ALLIANCE	250005		\$310	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
MISSION EXECUTION AND STRATEGIC ANALYSIS SUPPORT	81.RD	5000-475-001	KEYLOGIC SYSTEMS, LLC	5000-475-001		\$34,476	\$695.032	RESEARCH AND DEVELOPMENT	\$58,846,069
CONCEPTUAL DESIGN PRODUCTION OF MIXED RARE EARTH OXIDES	01.10	3000 473 001	KETEOOIC STSTEWS, EEC	3000 473 001		<i>334,470</i>	Ç055,03 <u>2</u>	NESEANCH AND DEVELOT MENT	\$30,040,003
(REO'S) FROM COAL-BASED RESOURCES	81.RD	89243320CFE000055	TETRA TECH. INC.	89243320CFE000055		\$15,000	\$695.032	RESEARCH AND DEVELOPMENT	\$58,846,069
RARE EARTH ELEMENT IN COALS	81.RD	P010247074	LEIDOS	P010247074		\$12,771	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
TARGET SELECTION FOR SURVEY VALIDATION	81.RD	7564819	LEIDOS	P010247074		\$35,280	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
REGENERATIVE GRACING (CARBON SEQUESTRATION) STUDY IN	91.KD	7504619				\$35,260	\$695,052	RESEARCH AND DEVELOPMENT	\$30,040,009
SHIRLEY BASIN. WYOMING.	81.RD	LMCP6884	NAVARRO	LMCP6884		\$15,729	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
RSI ENTECH: REGENERATIVE GRAZING (CARBON SEQUESTRATION)	01.ND	LIVICP0884	NAVARRO	LIVICP0864		\$15,729	\$093,032	RESEARCH AND DEVELOPMENT	\$30,040,009
	81.RD	LMS6884	RSI ENTECH	LMS6884		\$3,026	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
STUDY IN SHIRLEY BASIN, WYOMING.  NUCLEAR SECURITY COLLABORATION - 2021	81.RD	245233	BATTELLE ENERGY ALLIANCE	245233			\$695,032	RESEARCH AND DEVELOPMENT	
	01.ND	243233	BATTELLE ENERGT ALLIANCE	243233		\$11,411	\$093,032	RESEARCH AND DEVELOPMENT	\$58,846,069
WEATHER RESEARCH AND FORECASTING (WFR) MODELING FOR TOOLS ASSESSING PERFORMANCE	81.RD	SUB-2021-10562				\$10.396	\$695.032	RESEARCH AND DEVELOPMENT	\$58,846,069
	91.KD	30B-2021-10362				\$10,390	\$095,052	RESEARCH AND DEVELOPMENT	\$36,646,069
RED TEAMING ARTIFICIAL INTELLIGENCE LABORATORY DIRECTED	81.RD	240022	DATTELLE ENERGY ALLIANCE	240022		\$348	¢605.022	DECEARCH AND DEVELOPMENT	¢50 046 060
RESEARCH AND DEVELOPMENT	81.KD	249922	BATTELLE ENERGY ALLIANCE	249922		\$348	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
IMPROVING CRYPTOGRAPHIC ALGORITHM RESISTANCE TO SIDE	04.00	251221		251221		40.000	4505.000	0505 1001 1110 05151 001 1515	450.045.050
CHANNEL ATTACKS	81.RD	251001	BATTELLE ENERGY ALLIANCE	251001		\$9,992	\$695,032	RESEARCH AND DEVELOPMENT	\$58,846,069
INL-CAES NUCLEAR SECURITY CERTIFICATE - CYBERSECURITY COURSE		224762		204700		444400	444400	****	40
DEVELOPMENT	81.U01	231760	BATTELLE ENERGY ALLIANCE	231760		\$14,492	\$14,492	N/A	\$0
HI 0.55 HI 0.55 A COLUMN 050 TO COLUMN 050 T	24.102	201701	0.0000000000000000000000000000000000000	224704		44.4:-	44		
INL-CAES NUCLEAR SECURITY CERTIFICATE - WORKING GROUP 2020	81.U02	231761	BATTELLE ENERGY ALLIANCE	231761		\$1,145	\$1,145	N/A	\$0

### Schedule of Expenditures of Federal Awards (continued)

Federal Awarding Agency/Program Title	Assistance Listing Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	ldentifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
CENTER FOR ADVANCED ENERGY STUDIES ADVANCED									
MANUFACTURING PROPOSAL PROGRAM DEVELOPMENT ACTIVITIES	81.U03	237081	BATTELLE ENERGY ALLIANCE	237081		\$13,400	\$13,400	N/A	\$0
INII CAFE CUINANED VICITING FACULTY DROCDANA DODOWCZAW 2020	04.404	236712	DATTELLE ENERGY ALLIANCE	236712		\$13,400	\$13,400	N/A	\$0
INL-CAES SUMMER VISITING FACULTY PROGRAM - BOROWCZAK 2020 2020 CAES SUMMER VISITING FACULTY PROGRAM AIDHY UW	81.U04 81.U05	236712	BATTELLE ENERGY ALLIANCE BATTELLE ENERGY ALLIANCE	236712		\$13,400 \$16,930	\$13,400 \$16,930	N/A N/A	\$0
CAES SUMMER VISITING FACULTY PROGRAM AIDHT OW  CAES SUMMER VISITING FACULTY PROGRAM - ZHANG UW	81.U05	236715	BATTELLE ENERGY ALLIANCE	236715		\$18,304	\$18,304	N/A	\$0
CAES SUMMER VISITING FACULTY PROGRAM - NGUYEN UW	81.U07	236714	BATTELLE ENERGY ALLIANCE	236714		\$18,304 \$18,304	\$18,304	N/A	\$0
TOTAL DEPARTMENT OF ENERGY	81.007	230/14	BATTELLE ENERGY ALLIANCE	230/14	\$2,766,183	\$10,406,337	\$10,504	IVA	30
DEPARTMENT OF EDUCATION									
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007					\$604,758	\$604.758	STUDENT FINANCIAL ASSISTANCE	\$44,012,373
FEDERAL WORK-STUDY PROGRAM	84.033					\$277,360	\$277,360	STUDENT FINANCIAL ASSISTANCE	\$44,012,373
FEDERAL PERKINS LOAN PROGRAM	84.038					\$3,456,656	\$3,456,656	STUDENT FINANCIAL ASSISTANCE	\$44,012,373
TRIO_STUDENT SUPPORT SERVICES	84.042	A				\$472,195	\$472,195	TRIO CLUSTER	\$2,619,439
TRIO UPWARD BOUND	84.047					\$287,043	\$930,771	TRIO CLUSTER	\$2,619,439
TRIO UPWARD BOUND	84.047	Α				\$510,257	\$930,771	TRIO CLUSTER	\$2,619,439
TRIO UPWARD BOUND	84.047	М				\$133,471	\$930,771	TRIO CLUSTER	\$2,619,439
			WYOMING DEPARTMENT OF						, , , , ,
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048		EDUCATION	NONE PROVIDED		\$10,000	\$10,000	N/A	\$0
FEDERAL PELL GRANT PROGRAM	84.063					\$8,634,028	\$8,634,028	STUDENT FINANCIAL ASSISTANCE	\$44,012,373
TRIO_EDUCATIONAL OPPORTUNITY CENTERS	84.066	Α				\$857,569	\$857,569	TRIO CLUSTER	\$2,619,439
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217	A				\$358,904	\$358,904	TRIO CLUSTER	\$2,619,439
FEDERAL DIRECT STUDENT LOANS	84.268					\$31,031,043	\$31,031,043	STUDENT FINANCIAL ASSISTANCE	\$44,012,373
RESEARCH IN SPECIAL EDUCATION	84.324		UNIVERSITY OF KANSAS	FY2019-006		\$19,286	\$19,286	RESEARCH AND DEVELOPMENT	\$58,846,069
GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE									
PROGRAMS	84.334	S			\$2,720,206	\$3,861,899	\$3,861,899	N/A	\$0
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366	В	WYOMING DEPARTMENT OF EDUCATION	17015017MSPPOA1		-\$108	-\$108	N/A	\$0
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION	84.300	D	EDUCATION	17013017W3PPOA1		-\$100	-\$108	N/A	ŞU
GRANTS (TEACH GRANTS)	84.379					\$8,528	\$8,528	STUDENT FINANCIAL ASSISTANCE	\$44,012,373
COVID-19 EDUCATION STABILIZATION FUND	84.425	COVID-19, 84,425E				\$3,984,880	\$22,542,738	N/A	\$44,012,373
COVID-19 EDUCATION STABILIZATION FUND	84.425	COVID-19, 84.425F				\$18,557,858	\$22,542,738	N/A	\$0
PROFESSIONAL DEVELOPMENT FOR K-12 EDUCATORS, PHYSICAL	01.123	20115 13,0111231	WYOMING DEPARTMENT OF			\$10,557,050	Ų22,5 12,7 50	1471	ÇÜ
EDUCATION	84.U01	206384	EDUCATION	206384		\$7,128	\$7,128	N/A	\$0
TOTAL DEPARTMENT OF EDUCATION	01.001	200301	EBOGINON	200307		<i>ψ1,120</i>	<i>\$7,120</i>	.,,,,	90
					\$2,720,206	\$73,072,755			
NATIONAL ARCHIVES & RECORDS ADMINISTRATION									
			WYOMING STATE PARKS AND						
NATIONAL HISTORICAL PUBLICATIONS AND RECORDS GRANTS	89.003		CULTURAL RESOURCES	194053		\$1,098	\$1,098	N/A	\$0
TOTAL NATIONAL ARCHIVES & RECORDS ADMINISTRATION						\$1,098			
					_	+-,550			

### Schedule of Expenditures of Federal Awards (continued)

Federal Awarding Agency/Program Title	Assistance Listing Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	ldentifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
DEPARTMENT OF HEALTH AND HUMAN SERVICES	Number	(Оргюни)	Linuty	Linuxy	Sub-necipients	Experiultures	Total	Nume	Total
SPECIAL PROGRAMS FOR THE AGING_TITLE III, PART D_DISEASE PREVENTION AND HEALTH PROMOTION SERVICES	93.043		WYOMING DEPARTMENT OF HEALTH WYOMING DEPARTMENT OF HEALTH	206278 195911		\$2,843	\$2,843	N/A	\$0
COVID-19 SPECIAL PROGRAMS FOR THE AGING_TITLE IV_AND TITLE II_DISCRETIONARY PROJECTS	93.048	COVID-19				\$229,043	\$229,043	N/A	\$0
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		FAMILY VOICES	2020-457		\$7,485	\$7,485	N/A	\$0
ORAL DISEASES AND DISORDERS RESEARCH	93.121		UNIVERSITY OF UTAH	10044863-13		\$20,999	\$20,999	RESEARCH AND DEVELOPMENT	\$58,846,069
CENTERS FOR RESEARCH AND DEMONSTRATION FOR HEALTH	00.105			EVO. 201 011		440.474	440.474	2555 1250 1112 25151 221 251	450.045.050
PROMOTION AND DISEASE PREVENTION INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND	93.135		UNIVERSITY OF COLORADO, DENVER	FY21.291.011		\$18,171	\$18,171	RESEARCH AND DEVELOPMENT	\$58,846,069
COMMUNITY BASED PROGRAMS	93.136		WYOMING DEPARTMENT OF HEALTH	203908		\$13,372	\$33,942	N/A	\$0
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND						7-0,0.2	700,012	.,	7-
COMMUNITY BASED PROGRAMS	93.136		WYOMING DEPARTMENT OF HEALTH	211964		\$20,864	\$33,942	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING COALITION AGAINST DOMESTIC VIOLENCE AND SEXUAL ASSAULT WYOMING COALITION AGAINST						
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND			DOMESTIC VIOLENCE AND SEXUAL	012715JJ01					
COMMUNITY BASED PROGRAMS	93.136		ASSAULT	CE-14-140102CONT15		-\$294	\$33,942	RESEARCH AND DEVELOPMENT	\$58,846,069
TELEHEALTH PROGRAMS COVID-19 CONSOLIDATED HEALTH CENTERS (COMMUNITY HEALTH	93.211		UNIVERSITY OF UTAH	10057729-05		\$60,000	\$60,000	N/A	\$0
CENTERS, MIGRANT HEALTH CENTERS, HEALTH CARE FOR THE HOMELESS, AND PUBLIC HOUSING PRIMARY CARE)	93.224	COVID-19				\$942,867	\$1 840 638	HEALTH CENTER PROGRAM CLUSTER	\$1,840,638
CONSOLIDATED HEALTH CENTERS (COMMUNITY HEALTH CENTERS,	33.224	COVID 13				Ş342,007	71,040,030	TIERETT CENTER TROGRAM CEOSTER	ÿ1,0 <del>1</del> 0,030
MIGRANT HEALTH CENTERS, HEALTH CARE FOR THE HOMELESS, AND PUBLIC HOUSING PRIMARY CARE)	93.224					\$897,771	\$1,840,638	HEALTH CENTER PROGRAM CLUSTER	\$1,840,638
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		STATE OF OREGON	132917		\$209,656	\$420,899	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243					\$84,964	\$420,899	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		UNIVERSITY OF ARKANSAS AT LITTLE ROCK	RA20145310		\$118,381	\$420,899	N/A	\$0
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		WYOMING DEPARTMENT OF HEALTH	195224		\$7,898	\$420,899	N/A	\$0
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		REGENTS OF THE UNIVERSITY OF MICHIGAN	SUBK00007305		\$74,693	\$359,406	RESEARCH AND DEVELOPMENT	\$58,846,069
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		LEGACY EMANUAL HOPSPITAL & HEALTH CENTER	09272019ACS001		\$96,926	\$359,406	RESEARCH AND DEVELOPMENT	\$58,846,069
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS  DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		TRINITY COLLEGE	TRINITY/HOLT 001		\$96,926 \$16,866	\$359,406	RESEARCH AND DEVELOPMENT	\$58,846,069
SHOO ASSE AND ADDICTION RESEARCH THOUGHAINS	55.275		THINTT COLLEGE	.mmiiijiioti ooi		910,000	Ş333,400	ALGE MENT DEVELOT MENT	\$30,0 <del>1</del> 0,003

### Schedule of Expenditures of Federal Awards (continued)

		Additional		Identifying Number					
	Assistance Listing	Award Identification	Name of Funder Pass-Through	Assigned By Funder Pass-Through	Total Amount Provided to	Federal	Federal Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		MOVELLO	404440045600.04		\$170,921	\$359,406	RESEARCH AND DEVELOPMENT	\$58,846,069
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		MOVE LLC	1R41MD015689-01		\$55,676	\$55,676	RESEARCH AND DEVELOPMENT	\$58,846,069
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS						447.450	447.450	***	40
DISEASES (ELC)	93.323		WYOMING DEPARTMENT OF HEALTH	G21AC10156-00		\$17,458	\$17,458	N/A	\$0
DECEARCH INFOACTOUCTURE DOCCDAMC	02.254		TEXAS BIOMEDICAL RESEARCH	46 02500 076		6700	647.574	DECEARCH AND DEVELOPMENT	¢50,046,060
RESEARCH INFRASTRUCTURE PROGRAMS	93.351 93.351		INSTITUTE	16-03508-076		-\$790	-\$47,571	RESEARCH AND DEVELOPMENT	\$58,846,069
RESEARCH INFRASTRUCTURE PROGRAMS	93.351					-\$46,781	-\$47,571	RESEARCH AND DEVELOPMENT	\$58,846,069
PUBLIC HEALTH EMERGENCY RESPONSE: COOPERATIVE AGREEMENT									
FOR EMERGENCY RESPONSE: COOPERATIVE AGREEMENT  FOR EMERGENCY RESPONSE: PUBLIC HEALTH CRISIS RESPONSE	93.354		WYOMING DEPARTMENT OF HEALTH	195224		\$31,320	\$31.320	RESEARCH AND DEVELOPMENT	\$58,846,069
NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS	93.359		W TOWNING DEPARTMENT OF HEALTH	195224		\$429,439	\$429,439	RESEARCH AND DEVELOPMENT	\$58,846,069
NORSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS	93.339		NORTH DAKOTA DEPARTMENT OF			\$429,439	\$429,439	RESEARCH AND DEVELOPMENT	\$38,840,009
			HEALTH						
STATE ACTIONS TO IMPROVE ORAL HEALTH OUTCOMES AND			NORTH DAKOTA DEPARTMENT OF	G19.288/4531HLH341002					
PARTNER ACTIONS TO IMPROVE ORAL HEALTH OUTCOMES	93.366		HEALTH	G19.200/4551HLH541002 G19.929		\$25,870	\$25,870	N/A	\$0
CANCER TREATMENT RESEARCH	93.395		HEALIH	019.929		\$59,082	\$59.082	RESEARCH AND DEVELOPMENT	\$58,846,069
CANCER TREATIVIENT RESEARCH	93.393		ASSOCIATION OF UNIVERSITY			\$39,062	\$39,062	RESEARCH AND DEVELOPMENT	\$38,840,009
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH			CENTERS ON DISABILITIES						
NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS			ASSOCIATION OF UNIVERSITY	10242019ACS001					
HEALTH	93.421		CENTERS ON DISABILITIES	53-21-8814		\$47,735	\$47,735	N/A	\$0
HEALITI	33.421		CENTERS ON DISABIETTES	33-21-0014		347,733	347,733	IVA	ŞÜ
IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION			NORTH DAKOTA DEPARTMENT OF						
AND MANAGEMENT OF DIABETES AND HEART DISEASE AND STROKE	93.426		HEALTH	4531HLH3969		-\$1,693	\$100.546	N/A	\$0
AND WANAGEMENT OF BIABLIES AND TEART BISEASE AND STROKE	33.420		HEALIT	4551112115505		71,055	\$100,540	1975	Şō
IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION			NORTH DAKOTA DEPARTMENT OF						
AND MANAGEMENT OF DIABETES AND HEART DISEASE AND STROKE	93.426		HEALTH	4531HLH3960		-\$499	\$100.546	RESEARCH AND DEVELOPMENT	\$58,846,069
						F 184	7/		700,010,000
IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION			NEW MEXICO DEPARTMENT OF						
AND MANAGEMENT OF DIABETES AND HEART DISEASE AND STROKE	93.426		HEALTH	MOA22435		\$392	\$100,546	RESEARCH AND DEVELOPMENT	\$58,846,069
THE WHITE COME TO SHIP THE THE SHIP SHIP STROKE	33.420		THE LETT	11107.121-100		, JJ2	\$100,510	NESE INC. FINE DEVELOR MENT	\$30,010,003
IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION									
AND MANAGEMENT OF DIABETES AND HEART DISEASE AND STROKE	93.426		WYOMING DEPARTMENT OF HEALTH	198116		\$101,804	\$100.546	RESEARCH AND DEVELOPMENT	\$58,846,069
						, . ,	, , .		, . , . ,
IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION									
AND MANAGEMENT OF DIABETES AND HEART DISEASE AND STROKE	93.426		WYOMING DEPARTMENT OF HEALTH	204821		\$542	\$100,546	N/A	\$0
			WESTERN STATES LEARNING						
			CORPORATION DBA ALIGN						
			WESTERN STATES LEARNING	06082020AKD001					
EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434		CORPORATION DBA ALIGN	02092021SSF		\$299,149	\$299,149	N/A	\$0
ACL ASSISTIVE TECHNOLOGY	93.464					\$345,486	\$345,486	N/A	\$0
ALZHEIMER'S DISEASE PROGRAM INITIATIVE (ADPI)	93.470					\$306,619	\$306,619	N/A	\$0
PREVENTING MATERNAL DEATHS: SUPPORTING MATERNAL									
MORTALITY REVIEW COMMITTEES (B)	93.478		WYOMING DEPARTMENT OF HEALTH	200806		\$8,401	\$8,401	N/A	\$0
• •								•	

### Schedule of Expenditures of Federal Awards (continued)

		Additional		Identifying Number					
	Assistance	Award	Name of Funder	Assigned By Funder	Total Amount		Federal		
	Listing	Identification	Pass-Through	Pass-Through	Provided to	Federal	Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
COVID-19 PROVIDER RELIEF FUND	93.498	COVID-19				\$27,529	\$27,529	N/A	\$0
FAMILY TO FAMILY HEALTH INFORMATION CENTERS	93.504					\$74,311	\$74,491	N/A	\$0
FAMILY TO FAMILY HEALTH INFORMATION CENTERS	93.504					\$180	\$74,491	RESEARCH AND DEVELOPMENT	\$58,846,069
			WYOMING DEPARTMENT OF FAMILY						
CHILD SUPPORT ENFORCEMENT RESEARCH	93.564		SERVICES	191661		\$55,053	\$55,053	RESEARCH AND DEVELOPMENT	\$58,846,069
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY			WYOMING GOVERNOR'S COUNCIL ON						
GRANTS	93.630		DEVELOPMENTAL DISABILITIES	195501		\$16,548	\$16,548	N/A	\$0
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES									4-
EDUCATION, RESEARCH, AND SERVICE	93.632				\$203,756	\$988,425	\$988,462	N/A	\$0
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES						400	4000 400		450.040.000
EDUCATION, RESEARCH, AND SERVICE	93.632					\$37	\$988,462	RESEARCH AND DEVELOPMENT	\$58,846,069
COVID-19 EMERGENCY GRANTS TO ADDRESS MENTAL AND	93.665	CO1//D 10	ARKANSAS HEALTH AND HUMAN	0.4.24.4.5.24.4		£22.667	£35.640	DESCRIPCIO AND DEVELOPMENT	¢50.046.060
SUBSTANCE USE DISORDERS DURING COVID-19 COVID-19 EMERGENCY GRANTS TO ADDRESS MENTAL AND	93.005	COVID-19	SERVICES PACIFIC INSTITUTE FOR RESEARCH	RA2115314		\$23,667	\$25,640	RESEARCH AND DEVELOPMENT	\$58,846,069
SUBSTANCE USE DISORDERS DURING COVID-19	93.665	COVID-19	AND EVALUATION	510-11739		\$1,973	\$25.640	RESEARCH AND DEVELOPMENT	¢50 046 060
EMPOWERING OLDER ADULTS AND ADULTS WITH DISABILITIES	93.003	COVID-19	AND EVALUATION	310-11/39		\$1,975	\$25,040	RESEARCH AND DEVELOPMENT	\$58,846,069
THROUGH CHRONIC DISEASE SELF-MANAGEMENT EDUCATION									
PROGRAMS & FINANCED BY PREVENTION AND PUBLIC HEALTH									
FUNDS (PPHF)	93.734		WYOMING DEPARTMENT OF HEALTH	189436		\$235,360	\$465,024	N/A	\$0
EMPOWERING OLDER ADULTS AND ADULTS WITH DISABILITIES	33.734		WYOMING DEFAITMENT OF TIEAETH	183430		Ş233,300	Ş403,024	1970	ŞÜ
THROUGH CHRONIC DISEASE SELF-MANAGEMENT EDUCATION									
PROGRAMS & FINANCED BY PREVENTION AND PUBLIC HEALTH									
FUNDS (PPHF)	93.734		WYOMING DEPARTMENT OF HEALTH	195360		\$229,664	\$465,024	RESEARCH AND DEVELOPMENT	\$58,846,069
STATE PUBLIC HEALTH ACTIONS TO PREVENT AND CONTROL						7,	7,		700,010,000
DIABETES, HEART DISEASE, OBESITY AND ASSOCIATED RISK FACTORS									
AND PROMOTE SCHOOL HEALTH FINANCED IN PART BY PREVENTION									
AND PUBLIC HEALTH FUNDING (PPHF)	93.757		WYOMING DEPARTMENT OF HEALTH	05022018REV004		\$7,506	\$70,393	N/A	\$0
STATE PUBLIC HEALTH ACTIONS TO PREVENT AND CONTROL									
DIABETES, HEART DISEASE, OBESITY AND ASSOCIATED RISK FACTORS									
AND PROMOTE SCHOOL HEALTH FINANCED IN PART BY PREVENTION									
AND PUBLIC HEALTH FUNDING (PPHF)	93.757		WYOMING DEPARTMENT OF HEALTH	194321		\$62,887	\$70,393	RESEARCH AND DEVELOPMENT	\$58,846,069
MEDICAL ASSISTANCE PROGRAM	93.778		WYOMING DEPARTMENT OF HEALTH	06262018REV001		\$294,305	\$294,305	MEDICAID CLUSTER	\$294,305
			WYOMING DEPARTMENT OF HEALTH	08282017REV001					
OPIOID STR	93.788		WYOMING DEPARTMENT OF HEALTH	189093		\$21,407	\$21,407	N/A	\$0
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$12,558	\$351,560	\$351,560	RESEARCH AND DEVELOPMENT	\$58,846,069
				5100 4040 000					
			UNIVERSITY OF COLORADO, DENVER	FY20.1012.002		440.000	440.000		450.040.000
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		UNIVERSITY OF COLORADO, DENVER	FY21.1012.004		\$19,072	\$19,072	RESEARCH AND DEVELOPMENT	\$58,846,069
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		ALICUSTA LIMINERSITY	32307-30		ć7.022	¢116.466	DESCRIPCII AND DEVELORMENT	¢50 046 060
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	33.047		AUGUSTA UNIVERSITY	32307-30		\$7,023	\$116,466	RESEARCH AND DEVELOPMENT	\$58,846,069
RESEARCH	93.847		ION CHANNEL PHARMACOLOGY	02142019ACS001		-\$183	\$116,466	RESEARCH AND DEVELOPMENT	\$58,846,069
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	33.047		ION CHANNEL PHANNACOLOGY	02142013AC3001		-\$103	Ş110,400	NESEANCH AND DEVELOPINENT	220,040,009
RESEARCH	93.847		NUTRIWYO LLC	1R41DK125213-01A1		\$109,626	\$116,466	RESEARCH AND DEVELOPMENT	\$58,846,069
	33.017					Ç105,020	7110,700		\$30,0.0,003

### Schedule of Expenditures of Federal Awards (continued)

		Additional		Identifying Number					
	Assistance	Award	Name of Funder	Assigned By Funder	Total Amount		Federal		
	Listing	Identification	Pass-Through	Pass-Through	Provided to	Federal	Program	Cluster	Cluster
Federal Awarding Agency/Program Title	Number	(Optional)	Entity	Entity	Sub-Recipients	Expenditures	Total	Name	Total
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND									
NEUROLOGICAL DISORDERS	93.853					\$147,692	\$339,831	RESEARCH AND DEVELOPMENT	\$58,846,069
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND			JOHNS HOPKINS UNIVERSITY	2004456873					
NEUROLOGICAL DISORDERS	93.853		JOHNS HOPKINS UNIVERSITY	2004456876		\$192,139	\$339,831	RESEARCH AND DEVELOPMENT	\$58,846,069
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855				\$283,622	\$491,166	\$491,166	RESEARCH AND DEVELOPMENT	\$58,846,069
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$676,352	\$7,664,882	\$7,952,887	RESEARCH AND DEVELOPMENT	\$58,846,069
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		ASIMICA, INC	R41GM137710		\$37,082	\$7,952,887	RESEARCH AND DEVELOPMENT	\$58,846,069
			UNIVERSITY OF NEVADA, LAS VEGAS	GR11272					
			UNIVERSITY OF NEVADA, LAS VEGAS	GR09465					
			UNIVERSITY OF NEVADA, LAS VEGAS	18-22QR-UW-MSRP-01					
0.00.450.00.4 0.555.00.4 440.0555.00.4 50.4444.0			UNIVERSITY OF NEVADA, LAS VEGAS	U54GM104944		4400 400	42.050.002	0555100111100515151001515	450.040.000
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF NEVADA, LAS VEGAS	GR07334		\$102,438	\$7,952,887	RESEARCH AND DEVELOPMENT	\$58,846,069
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF NEW MEXICO	3REV9		\$58,594	\$7,952,887	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$58,846,069
	93.859		UNIVERSITY OF NOTRE DAME	203629UWY		\$51,855	\$7,952,887		\$58,846,069
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859		GLYCOBAC	12831027 4UT2GM130166-02		\$20,567	\$7,952,887 \$7,952,887	RESEARCH AND DEVELOPMENT	\$58,846,069
BIOMEDICAL RESEARCH AND RESEARCH TRAINING CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.859		VIRTICI, LLC	4012GM130166-02	\$11,872	<i>\$17,469</i> \$14,182	\$7,952,887 -\$194,749	RESEARCH AND DEVELOPMENT RESEARCH AND DEVELOPMENT	\$58,846,069
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMOURAL RESEARCH	93.003				\$11,672	\$14,162	-3194,749	RESEARCH AND DEVELOPMENT	\$58,846,069
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF DENVER	SC37360-02		\$134	-\$194,749	RESEARCH AND DEVELOPMENT	\$58.846.069
CHILD HEALTH AND HOMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF DELIVER	3C37300-02		-\$209,065	-\$194,749	RESEARCH AND DEVELOPMENT	\$58,846,069
AGING RESEARCH	93.866				\$1,437,301	\$2,877,134	\$2,877,134	RESEARCH AND DEVELOPMENT	\$58,846,069
Ading RESEARCH	33.000		UNIVERSITY OF UTAH	PRELIMINARY SPENDING	\$1,437,301	\$2,077,13 <del>4</del>	\$2,077,13 <del>4</del>	RESEARCH AND DEVELOT MENT	\$30,0 <del>1</del> 0,003
MEDICAL LIBRARY ASSISTANCE	93.879		UNIVERSITY OF UTAH	10039576-06		\$95,060	\$95,060	N/A	\$0
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884			20000000	\$138,756	\$298,660	\$298,660	N/A	\$0
CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE.					+===,	+,	+,		**
TERRITORIAL AND TRIBAL ORGANIZATIONS	93.898		WYOMING DEPARTMENT OF HEALTH	191307		\$754	\$754	RESEARCH AND DEVELOPMENT	\$58,846,069
ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND						****	****		700,010,000
CONTROL	93.945		WYOMING DEPARTMENT OF HEALTH	6616PD001		\$44,005	\$147,335	N/A	\$0
ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTION AND									
CONTROL	93.945		WYOMING DEPARTMENT OF HEALTH	07102019ACS001		\$103,330	\$147,335	RESEARCH AND DEVELOPMENT	\$58,846,069
BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958		WYOMING DEPARTMENT OF HEALTH	01302018REV001		-\$602	-\$602	N/A	\$0
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE									
ABUSE	93.959		WYOMING DEPARTMENT OF HEALTH	192766		\$85,679	\$109,816	RESEARCH AND DEVELOPMENT	\$58,846,069
BLOCK GRANTS FOR PREVENTION AND TREATMENT OF SUBSTANCE			UNIVERSITY OF ARKANSAS AT LITTLE						
ABUSE	93.959		ROCK	RA21145314		\$24,137	\$109,816	N/A	\$0
COVID-19 PPHF GERIATRIC EDUCATION CENTERS	93.969	COVID-19			\$81,584	\$90,625	\$994,860	RESEARCH AND DEVELOPMENT	\$58,846,069
PPHF GERIATRIC EDUCATION CENTERS	93.969				\$241,355	\$904,235	\$994,860	RESEARCH AND DEVELOPMENT	\$58,846,069
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE									
STATES	93.994		WYOMING DEPARTMENT OF HEALTH	PHSS-2018-373/188697		\$3,423	\$3,423	N/A	\$0
TOBACCO PREVENTION AND CONTROL PROGRAM EVALUATION 2019-									
2020	93.RD	11202018ABW001	WYOMING DEPARTMENT OF HEALTH	11202018ABW001		\$453,621	\$453,621	RESEARCH AND DEVELOPMENT	\$58,846,069
MEDICARE COST REPORT PAYMENTS FOR THE CASPER AND CHEYENNE									
RESIDENCY PROGRAMS TO ENCOUNTER RATE OF SERVICES PROVIDED ON									
THEIR ANNUAL CLINIC COSTS REPORTS	93.U01	061016JJ02				-\$410,148	-\$410,148	N/A	\$0
TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES									
					\$3,087,156	\$20,357,634			

### Schedule of Expenditures of Federal Awards (continued)

### Year Ended June 30, 2021

Federal Awarding Agency/Program Title CORPORATION FOR NATIONAL AND COMMUNITY SERVICE	Assistance Listing Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity	Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
AMERICORPS	94.006		SERVE WYOMING SERVE WYOMING SERVE WYOMING SERVE WYOMING	20AC223725 19AC215210 14AFHWY0010005 18AC200617		\$279,190	\$279,190	N/A	\$0
TOTAL CORPORATION FOR NATIONAL AND COMMUNITY SERVICE					_	\$279,190			
TOTAL EXPENDITURE OF FEDERAL AWARDS					\$13,967,969	\$220,635,712			

Italicized award lines indicate pass-through funding

### **University of Wyoming**

(A Component Unit of the State of Wyoming)

### Notes to the Schedule of Expenditures of Federal Awards

Year Ended June 30, 2021

### 1. Basis of Presentation

The accompanying schedule of expenditures of federal awards (the Schedule) includes the federal award activity of the University of Wyoming (the University) under programs of the federal government for the year ended June 30, 2021. The information in this schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). Because the Schedule presents only a selected portion of the operations of the University, it is not intended to and does not present the financial position, changes in net position or cash flows of the University.

### 2. Summary of Significant Accounting Policies

Expenditures reported on the Schedule are reported on the cash basis of accounting. Such expenditures are recognized following, as applicable, either the cost principles in the U.S. Office of Management and Budget Circular A-21, *Cost Principles for Educational Institutions*, the cost principles contained in Uniform Guidance, or other applicable regulatory guidance, wherein certain types of expenditures are not allowable or are limited as to reimbursement. Negative amounts shown on the Schedule represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. The University has elected not to use the 10 percent de minimis indirect cost rate allowed under the Uniform Guidance as the University either uses its negotiated indirect cost rate or the indirect cost rate agreed upon through the grant agreement.

### 3. Federal Loan Funds – Not Subject to Compliance

The University has certain federal student loan funds not subject to continuing compliance requirements, such as the Federal Direct Student Loans. Since the University does not administer the program, the outstanding loan balances have not been included in the Schedule. New loans made during the year under this program are included in the Schedule.

### 4. Federal Loan Funds – Subject to Further Compliance

The federal loan programs listed subsequently are administered directly by the University, and balances and transactions relating to these programs are included in the University's basic financial statements. Loans outstanding at the beginning of the year and loans made during the year are included in the federal expenditures presented in the Schedule. The balance of loans outstanding at June 30, 2021, are as follows:

Assistance Listing Number	Program Name	Outstanding Balance at June 30, 2021
84.038	Federal Perkins Loan program	\$2,610,487



# 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

### **Independent Auditor's Report**

Board of Trustees University of Wyoming Laramie, Wyoming

We have audited, in accordance with 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 the University of Wyoming (the University), collectively a component unit of the State of Wyoming, as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise the University's basic financial statements, and have issued our report thereon dated November 18, 2021, which contained an emphasis of matter paragraph regarding the restatement of prior year financial statements and a reference to the report of other auditors. The financial statements of the University of Wyoming Foundation (the Foundation), the discretely presented component unit, were not audited in accordance with *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 Foundation.

### Internal Control Over Financial Reporting

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

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the 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.



Board of Trustees University of Wyoming

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 have not been identified. We did identify certain deficiencies in internal control, described in the accompanying schedule of findings and questioned costs as item 2021-001 that we consider to be a material weakness.

### **Compliance and Other Matters**

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

### The University's Response to Findings

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

### 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 result 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.

Denver, Colorado November 18, 2021

BKD,LLP



### Report on Compliance for Each Major Federal Program; Report on Internal Control Over Compliance; and Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

### **Independent Auditor's Report**

Board of Trustees University of Wyoming Laramie, Wyoming

### Report on Compliance for Each Major Federal Program

We have audited the University of Wyoming's (the University) compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of the University's major federal programs for the year ended June 30, 2021. The University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

### Management's Responsibility

Management is responsible for compliance with federal statutes, regulations and the terms and conditions of its federal awards applicable to its federal programs.

### Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of the University's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; 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). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the University's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the University's compliance.



Board of Trustees University of Wyoming

### Opinion on Each Major Federal Program

In our opinion, the University complied, in all material respects, with the types of 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, 2021.

### Other Matters

The results of our auditing procedures disclosed an instance of noncompliance that is required to be reported in accordance with the Uniform Guidance and which is described in the accompanying schedule of findings and questioned costs as item 2021-002. Our opinion on each major federal program is not modified with respect to this matter.

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

### **Report on Internal Control Over Compliance**

Management of the University is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the University's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program 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 internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the University's internal control over compliance.

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

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

Board of Trustees University of Wyoming

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 the University as of and for the year ended June 30, 2021 and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We issued our report thereon dated November 18, 2021, which contained unmodified opinions on those financial statements, an emphasis of matter paragraph regarding the restatement of prior year financial statements, and a reference to the reports of other auditors. 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 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.

BKD, LLP

Denver, Colorado November 18, 2021

### Section I – Summary of Auditor's Results

### Financial Statements

1.	Type of report the auditor issued on whether the financial staten accordance with accounting principles generally accepted in the		
	☐ Unmodified ☐ Qualified ☐ Adverse ☐	Disclaimer	
2.	Internal control over financial reporting:		
	Material weakness(es) identified?	⊠ Yes	☐ No
	Significant deficiency(ies) identified?	Yes	None reported
3.	Noncompliance material to the financial statements noted?	☐ Yes	⊠ No
Fede	ral Awards		
4.	Internal control over major federal programs:		
	Material weakness(es) identified?	Yes	⊠ No
	Significant deficiency(ies) identified?	Yes	None reported
4.	Type of auditor's report issued on compliance for major federal	programs:	
	☐ Unmodified ☐ Qualified ☐ Adverse ☐	Disclaimer	
6.	Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)?	⊠ Yes	□ No

7. Identification of major federal programs:

	Assistance Listing Number	Name of Federal Program or Cluster	
	21.019 84.425E, 84.425F	COVID-19 - Coronavirus Relief Fund COVID-19 - Education Stabilization Fund	
8.	Dollar threshold used to distinguish between Type A and Type B programs: \$3,000,000.		
9.	Auditee qualified as a low-risk audi	tee?	

### Section II - Financial Statement Findings

Referenc	е
Number	

### **Finding**

2021-001 Finding: Accounting for Grant Receivables and Revenue

**Criteria or Specific Requirement:** Management is responsible for establishing and maintaining effective internal controls over financial reporting. Effective internal controls are an important component of a system that helps ensure transactions are recorded timely and in the proper reporting period, thereby providing accurate financial data. Specifically, the University should have controls in place to ensure the University's grant receivables, revenue and unearned revenue are recorded in the proper period.

**Condition:** The University, in reconciling it grants subsidiary ledgers to the general ledger, identified \$27.2 million in prior year receivables that were not reported in accordance with accounting principles generally accepted in the United States of America.

**Effect:** The 2020 beginning net position and grants receivable were restated by \$27.2 million to properly state these balances.

Cause: At the beginning of fiscal year 2018, the University implemented a new financial management system, one module of the financial management system is for post-award grants management. The recording of grants in the system has several nuances and complexities. The grants management module was not set up as expected which resulted in several adjusting entries, including the prior year receivables of \$27.2 million, being posted to incorrect general ledger accounts. This misapplication of journal entries has required the University to reconcile the grant activity on an aggregated basis to the general ledger versus an individual account level basis. The University has been working over the past several years to fix all the errors created during the system conversion and develop processes and procedures around grants reconciliations, including improved and more reliable reports. As a result, in fiscal year 2021 the general ledger was reviewed and corrected for the misapplied journal entries which led to the identification of this error. The University is now able to reconcile the subsidiary ledgers and general ledger accounts on an individual basis.

**Recommendation:** We recommend that management continue to reconcile the grant receivable accounts on a timely and frequent basis (*i.e.*, at least quarterly) and continue to develop and refine reports that can help identify potential revenue recognition errors.

**Views of Responsible Officials:** The University agrees with the finding. See separate auditee document for planned corrective actions.

### Section III - Federal Award Findings and Questioned Costs

### Reference Number

### **Finding**

2021-002 Finding: Activities Allowed and Allowable Costs

**Program:** COVID-19 Coronavirus Relief Fund (CRF)

**Assistance Listing Number: 21.019** 

Sponsoring Agency: Department of Treasury

Pass-through entity: State of Wyoming

Pass-through award: CARES Act - WY Health & Bioscience Hub COVID Solutions

Award Period: March 2020 – December 30, 2020

**Criteria:** Payments from the Fund are not administered as part of a traditional grant program and the provisions of the Uniform Guidance, 2 CFR part 200, that are applicable to indirect costs do not apply. Recipients may not apply their indirect costs rates to payments received from the Fund.

**Condition:** Indirect costs were incorrectly charged to the above grant award.

Questioned Costs: \$301,786 calculated as the indirect costs charged to the Fund.

**Context:** The University received \$75.5 million in CRF funds from the State. The CARES Act – WY Health & Bioscience Hub incurred expenditures of \$3,069,153. We reviewed a detail of all expenditures charged to the CRF program and identified that the above amount of indirect costs were incorrectly applied to the award noted above. No other indirect costs were identified in being charged to the other State awards received by the University.

**Effect:** Unallowable costs were charged to the award.

**Cause:** The State award provided to the University allowed indirect costs to be charged per the project budget.

Identification as a repeat finding: Not applicable.

**Recommendation:** We recommend the University contact the State to determine if they will allow these expenditures to be re-programmed to an allowable use. We also recommend the University implement policies and procedures to compare the subaward agreements to federal regulations to ensure the University is complying with all federal regulations.

**Views of responsible officials:** The University agrees with the finding. See separate report for planned corrective actions.

# University of Wyoming

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### Summary Schedule of Prior Audit Findings Year Ended June 30, 2021

Reference Number	Summary of Finding	Status
2020-001	Student Financial Assistance Cluster Special Tests and Provisions – Verification	Implemented
	We recommend the University implement policies and procedures to ensure all required documentation received for verification is scanned into its document management system before it is disposed.	
2020-002	Student Financial Aid Cluster Special Tests and Provisions – Enrollment Reporting	Implemented
	We recommend the University contact the NSC to determine the underlying cause in the reporting of inaccurate data. We also recommend the University institute a review process to ensure the information reported by NSLDS is accurate.	